

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100220\
 Data File : BF121806.D
 Acq On : 2 Oct 2020 21:23
 Operator : JU/CG
 Sample : L4213-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-3

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.381	557	560	569	rBV	1971227	1976855	37.44%	2.088%
2	6.404	728	734	738	rBV	2142121	2012669	38.12%	2.126%
3	6.763	791	795	802	rVB2	802822	1075390	20.37%	1.136%
4	7.039	836	842	845	rVB3	190062	286265	5.42%	0.302%
5	7.157	858	862	865	rBV	334624	342499	6.49%	0.362%
6	7.304	879	887	888	rBV2	231140	420930	7.97%	0.445%
7	7.328	888	891	895	rVB	1343637	1096830	20.77%	1.159%
8	7.363	895	897	900	rVB	615260	482632	9.14%	0.510%
9	7.410	900	905	908	rVB4	295805	494894	9.37%	0.523%
10	7.475	908	916	921	rBV4	229171	599610	11.36%	0.633%
11	7.545	926	928	930	rBV	372404	301410	5.71%	0.318%
12	7.569	930	932	935	rVB2	407722	348247	6.60%	0.368%
13	7.651	941	946	949	rBV2	185275	355462	6.73%	0.375%
14	7.686	949	952	956	rVB3	509865	529115	10.02%	0.559%
15	7.734	956	960	962	rBV2	276416	333447	6.32%	0.352%
16	7.798	968	971	975	rBV3	303717	397437	7.53%	0.420%
17	7.928	989	993	995	rBV2	179882	281261	5.33%	0.297%
18	7.986	1001	1003	1008	rBV3	215454	393467	7.45%	0.416%
19	8.034	1008	1011	1016	rBV2	1371151	1843518	34.91%	1.947%
20	8.110	1020	1024	1027	rVB	1234780	1277573	24.20%	1.349%
21	8.222	1037	1043	1046	rBV4	205563	430353	8.15%	0.455%
22	8.345	1055	1064	1066	rBV6	591649	1114958	21.12%	1.178%
23	8.392	1070	1072	1075	rVB	385462	343510	6.51%	0.363%
24	8.428	1075	1078	1082	rVB3	544639	586672	11.11%	0.620%
25	8.475	1082	1086	1090	rBV	2122740	2478905	46.95%	2.618%
26	8.510	1090	1092	1095	rVB3	544929	512461	9.71%	0.541%
27	8.592	1102	1106	1111	rBV7	293880	458684	8.69%	0.484%
28	8.645	1111	1115	1119	rBV	1704384	1764111	33.41%	1.863%
29	8.739	1127	1131	1134	rVB	827741	988540	18.72%	1.044%
30	8.798	1137	1141	1143	rBV4	307534	337509	6.39%	0.356%
31	8.928	1160	1163	1165	rBV2	505980	588069	11.14%	0.621%
32	9.004	1173	1176	1179	rBV2	462885	501954	9.51%	0.530%
33	9.045	1180	1183	1185	rVV2	591497	591750	11.21%	0.625%
34	9.075	1185	1188	1191	rVV	2154445	1816237	34.40%	1.918%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.122	1192	1196	1201	rVB	2152999	2323629	44.01%	2.454%
36	9.210	1206	1211	1215	rBV	2558777	2976862	56.38%	3.144%
37	9.251	1215	1218	1220	rBV2	377223	456051	8.64%	0.482%
38	9.398	1240	1243	1245	rBV4	285562	275261	5.21%	0.291%
39	9.463	1251	1254	1256	rBV2	462359	416720	7.89%	0.440%
40	9.516	1259	1263	1264	rBV2	2280044	2467689	46.74%	2.606%
41	9.528	1264	1265	1268	rVB	1957095	1396665	26.45%	1.475%
42	9.669	1286	1289	1292	rBV3	898461	1073449	20.33%	1.134%
43	9.716	1293	1297	1299	rVV	1621488	1750089	33.15%	1.848%
44	9.739	1299	1301	1305	rVV	2624391	2116619	40.09%	2.236%
45	9.780	1305	1308	1310	rVV2	690366	939141	17.79%	0.992%
46	9.804	1310	1312	1315	rVB	932016	777689	14.73%	0.821%
47	9.839	1315	1318	1321	rBV4	501681	561485	10.63%	0.593%
48	9.910	1328	1330	1334	rVB	400285	407220	7.71%	0.430%
49	9.963	1337	1339	1342	rVV3	440808	554009	10.49%	0.585%
50	9.998	1342	1345	1347	rVV2	793970	782541	14.82%	0.827%
51	10.022	1347	1349	1352	rVB3	281781	256385	4.86%	0.271%
52	10.063	1352	1356	1359	rBV2	799257	959738	18.18%	1.014%
53	10.122	1363	1366	1371	rBV2	704829	898707	17.02%	0.949%
54	10.175	1372	1375	1378	rBV2	482489	526564	9.97%	0.556%
55	10.210	1378	1381	1382	rBV3	547309	551506	10.45%	0.583%
56	10.239	1382	1386	1388	rVV2	2381622	2273921	43.07%	2.402%
57	10.263	1388	1390	1393	rVV3	273247	265473	5.03%	0.280%
58	10.345	1401	1404	1406	rBV2	306149	347505	6.58%	0.367%
59	10.457	1417	1423	1429	rVB	1901975	2325286	44.04%	2.456%
60	10.504	1429	1431	1435	rVB3	391429	434414	8.23%	0.459%
61	10.539	1435	1437	1440	rBV3	247708	289299	5.48%	0.306%
62	10.569	1440	1442	1444	rVV	449437	444112	8.41%	0.469%
63	10.592	1444	1446	1449	rVB	1213146	911590	17.26%	0.963%
64	10.722	1462	1468	1475	rVB2	2908483	5280058	100.00%	5.577%
65	10.927	1501	1503	1506	rVB3	526968	502269	9.51%	0.531%
66	11.033	1518	1521	1522	rBV2	242629	250152	4.74%	0.264%
67	11.157	1538	1542	1544	rVV	2006340	1820772	34.48%	1.923%
68	11.186	1544	1547	1553	rVB	1308256	1379111	26.12%	1.457%
69	11.286	1561	1564	1566	rBV	782780	746565	14.14%	0.789%
70	11.310	1566	1568	1572	rVV	1260424	1224299	23.19%	1.293%
71	11.363	1575	1577	1580	rVB	437187	321940	6.10%	0.340%

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72	11.398	1580	1583	1586	rBV3	251622	322433	6.11%	0.341%
73	11.533	1601	1606	1610	rVV3	297030	496631	9.41%	0.525%
74	11.580	1611	1614	1617	rVB	1586889	1250645	23.69%	1.321%
75	11.786	1647	1649	1651	rBV	408345	323546	6.13%	0.342%
76	11.816	1651	1654	1657	rVV	516659	435185	8.24%	0.460%
77	11.898	1665	1668	1671	rVV	545113	614395	11.64%	0.649%
78	11.986	1680	1683	1686	rBV	995362	872091	16.52%	0.921%
79	12.269	1728	1731	1733	rVV	264648	254223	4.81%	0.269%
80	12.339	1740	1743	1746	rBV	379270	412845	7.82%	0.436%
81	12.374	1746	1749	1752	rVV	841812	748078	14.17%	0.790%
82	12.504	1767	1771	1774	rVB	2536438	2127283	40.29%	2.247%
83	12.733	1803	1810	1815	rVB2	2146442	2738166	51.86%	2.892%
84	12.868	1830	1833	1836	rBV	2123070	1891922	35.83%	1.998%
85	12.945	1841	1846	1849	rBV2	184895	294257	5.57%	0.311%
86	13.051	1862	1864	1868	rVB	308120	297350	5.63%	0.314%
87	13.157	1878	1882	1885	rBV2	255760	275781	5.22%	0.291%
88	13.563	1948	1951	1955	rVB	329380	305643	5.79%	0.323%
89	13.668	1966	1969	1972	rBV2	259565	283231	5.36%	0.299%
90	13.721	1976	1978	1984	rVV3	200955	291635	5.52%	0.308%
91	13.768	1984	1986	1994	rVB	571380	697214	13.20%	0.736%
92	13.921	2005	2012	2015	rBV2	1604694	2557778	48.44%	2.702%
93	13.951	2015	2017	2020	rVV	1532735	1312096	24.85%	1.386%
94	14.957	2182	2188	2190	rBV	1413227	2097765	39.73%	2.216%
95	15.245	2232	2237	2243	rVB	836227	1067530	20.22%	1.128%
96	15.304	2243	2247	2252	rVB	973881	1196753	22.67%	1.264%
97	15.362	2253	2257	2260	rVV	604367	796776	15.09%	0.842%
98	15.392	2260	2262	2268	rVB2	299373	373435	7.07%	0.394%
99	16.780	2492	2498	2504	rVB	521391	952731	18.04%	1.006%
100	17.203	2564	2570	2578	rVB	389432	741085	14.04%	0.783%

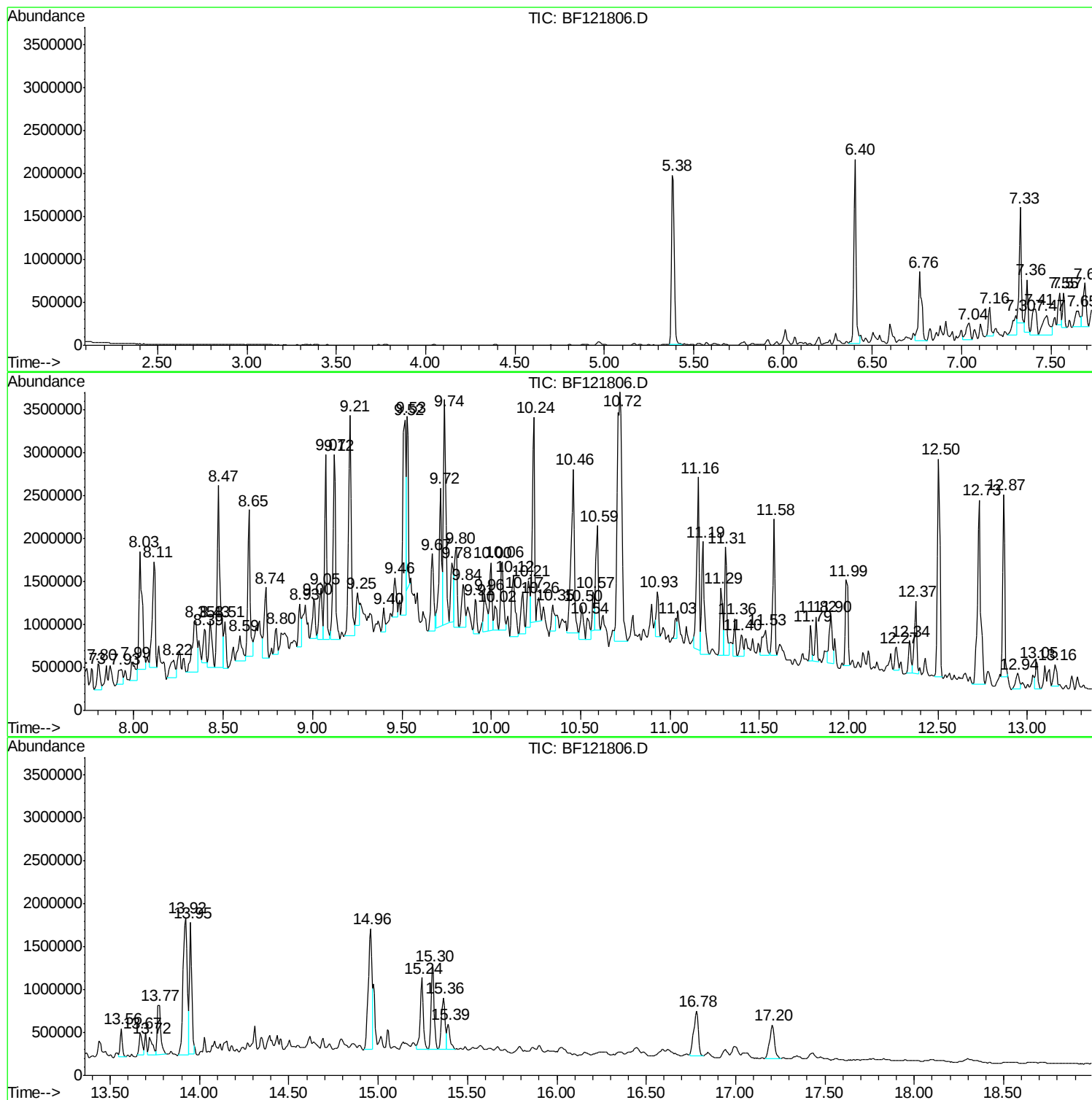
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Instrument :
BNA_F
ClientSampled :
DUP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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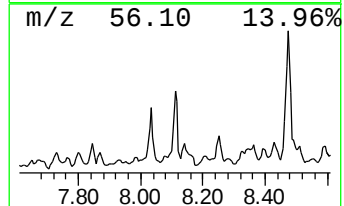
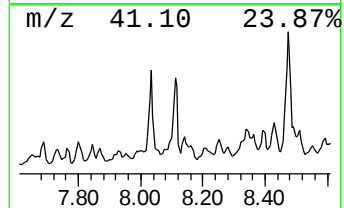
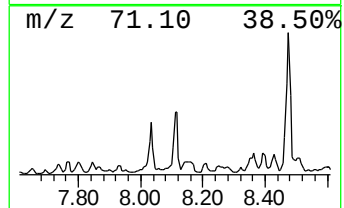
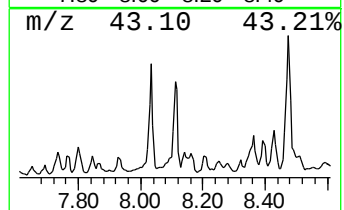
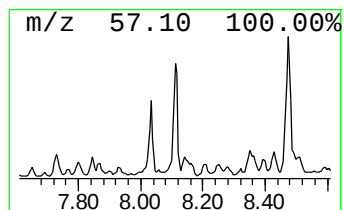
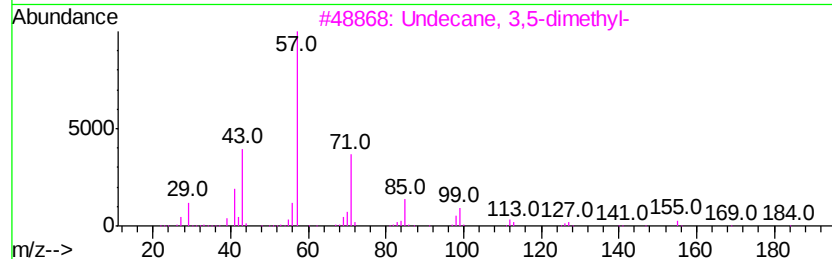
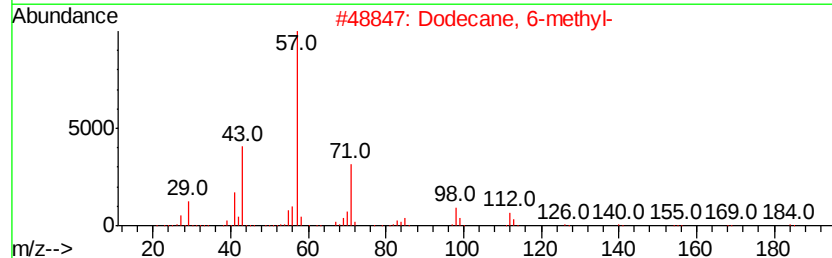
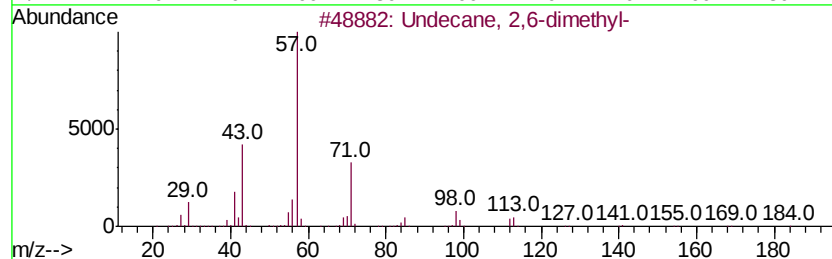
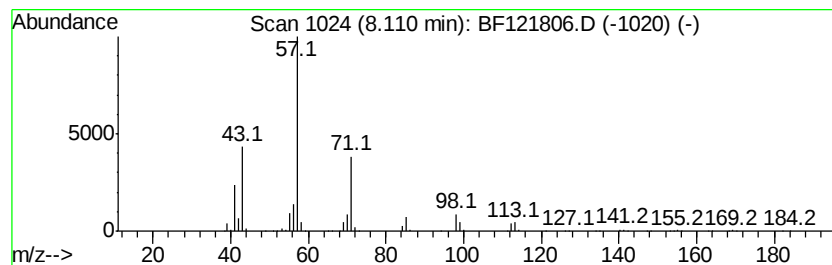
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Undecane, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	13.86 ng	1277570	Napthalene-d8	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	86
3		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
4		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78



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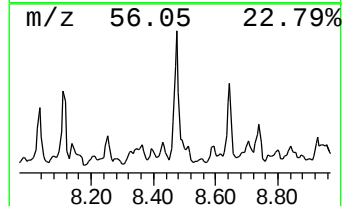
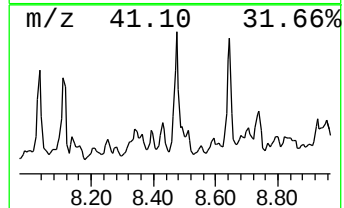
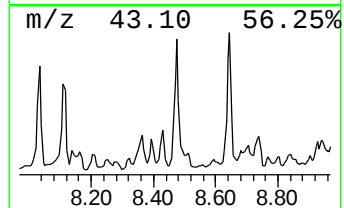
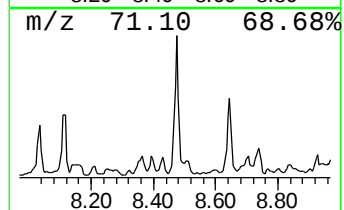
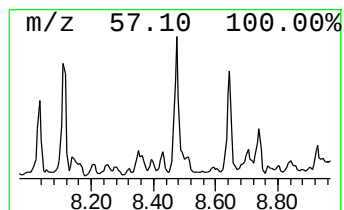
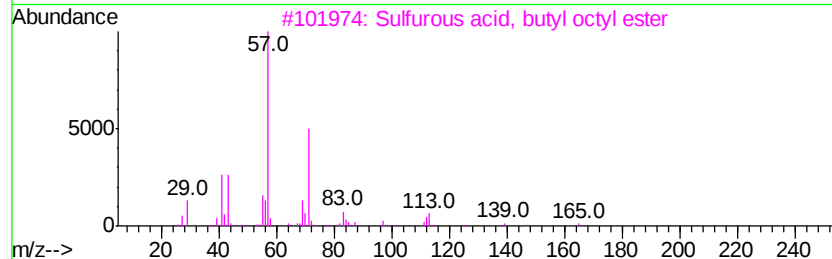
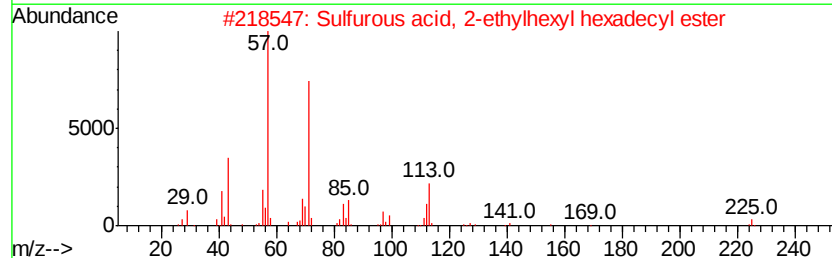
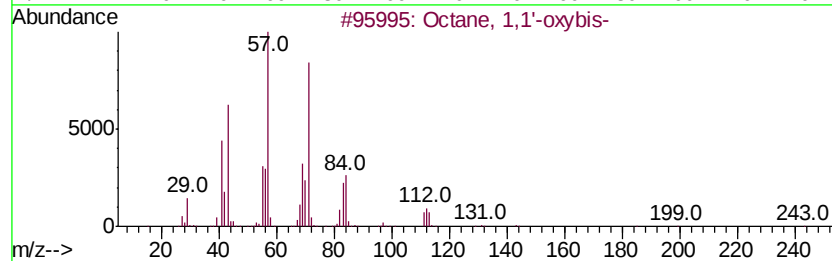
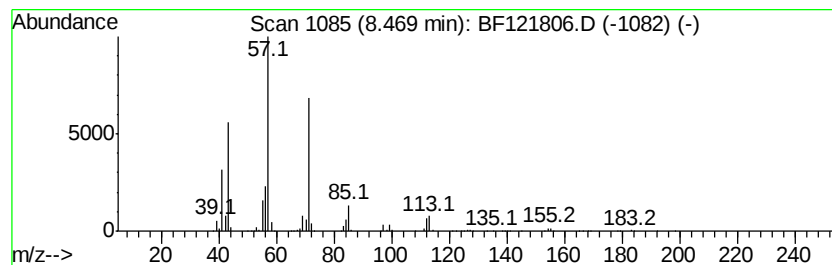
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 2 Octane, 1,1'-oxybis- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	26.89 ng	2478910	Napthalene-d8	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	78
2		Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
3		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64



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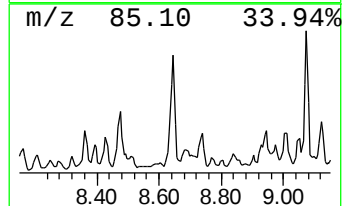
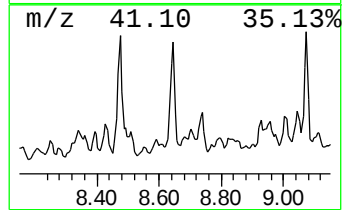
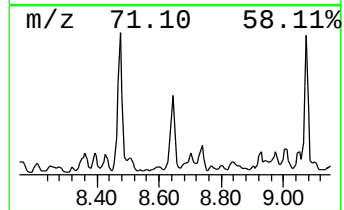
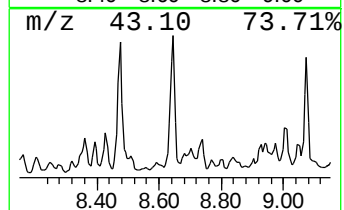
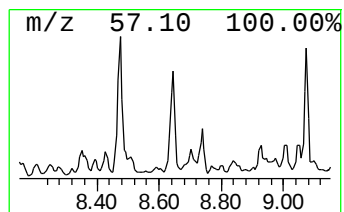
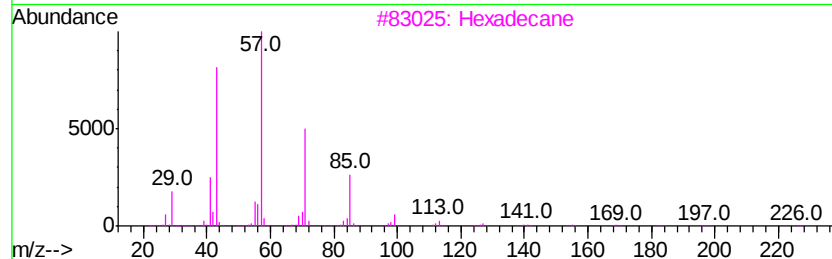
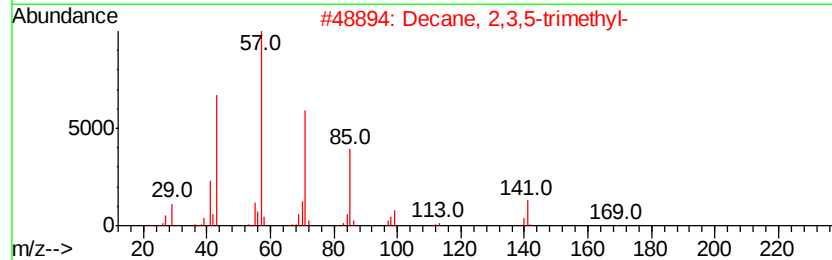
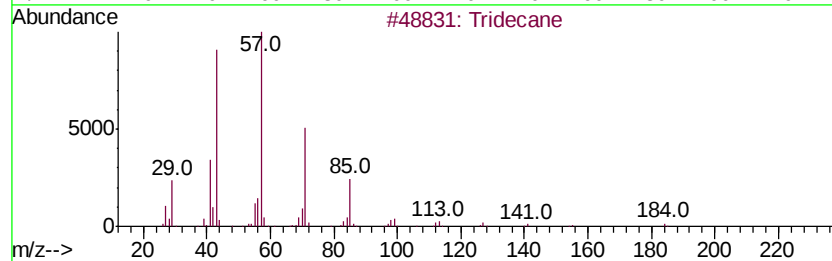
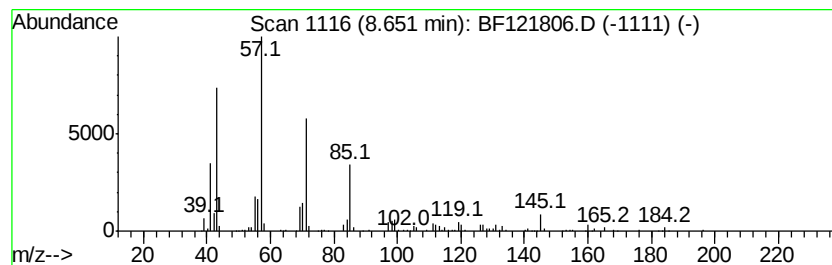
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	19.14 ng	1764110	Naphthalene-d8	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Tetradecane	198	C14H30	000629-59-4	86
5		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121806.D
Acq On : 2 Oct 2020 21:23
Operator : JU/CG
Sample : L4213-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-3

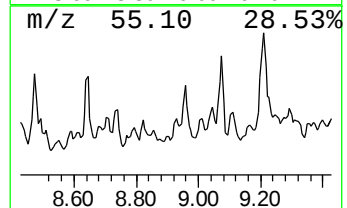
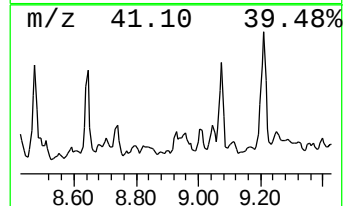
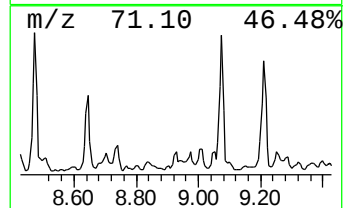
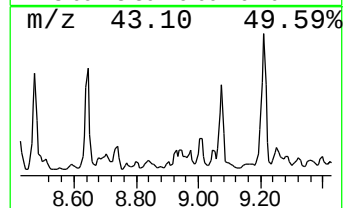
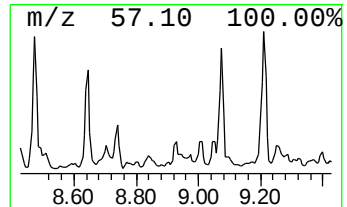
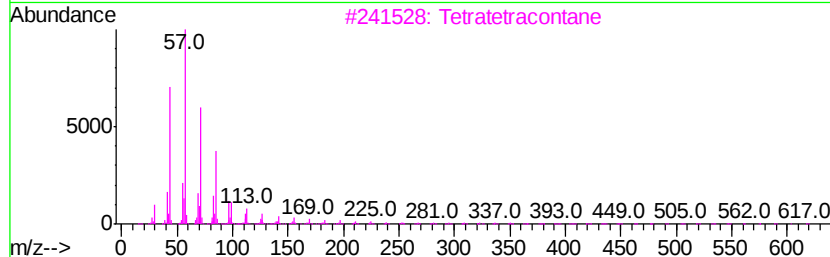
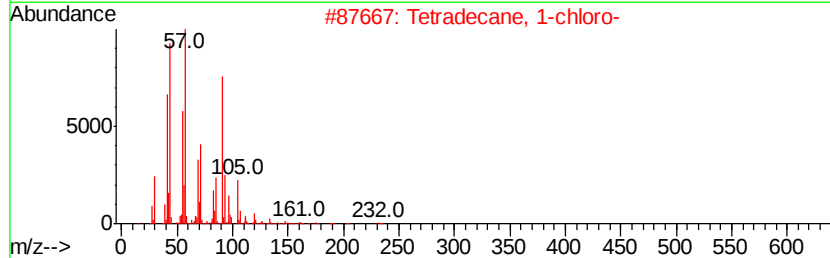
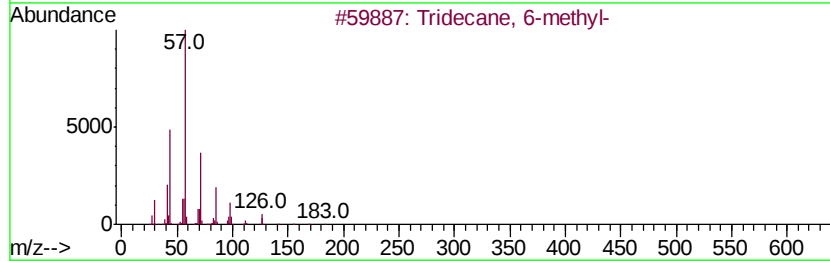
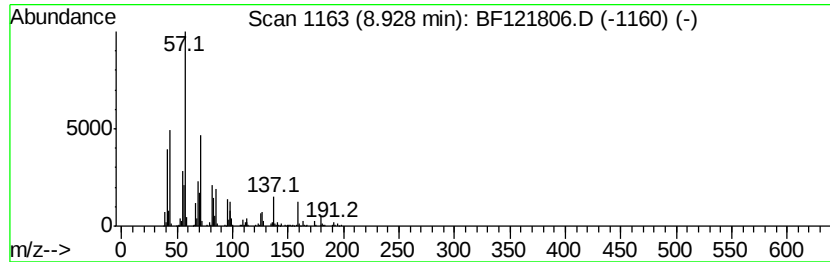
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane, 6-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	15.12 ng	588069	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	58
2		Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	50
3		Tetratetracontane	619	C44H90	007098-22-8	47
4		Tridecane	184	C13H28	000629-50-5	47
5		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121806.D
Acq On : 2 Oct 2020 21:23
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Instrument :
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ClientSampleId :
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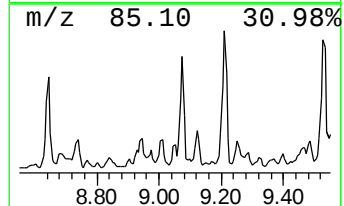
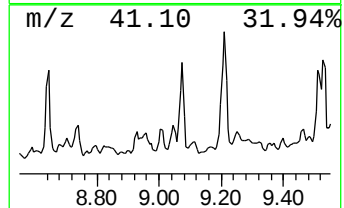
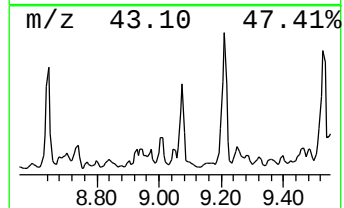
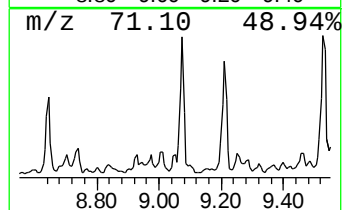
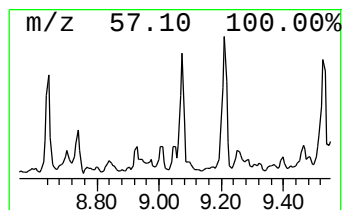
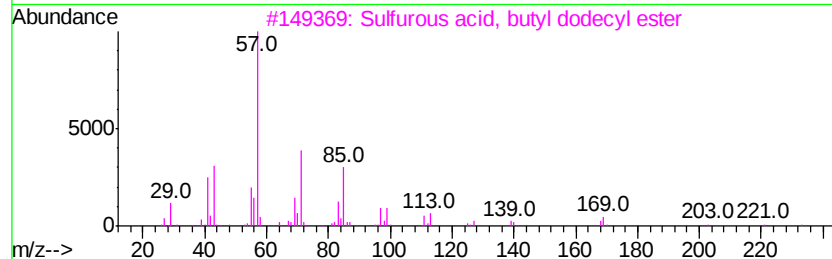
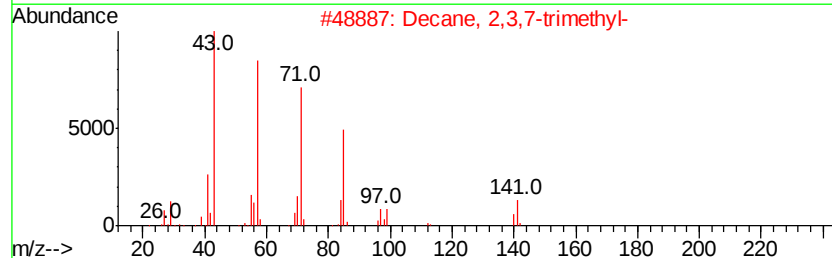
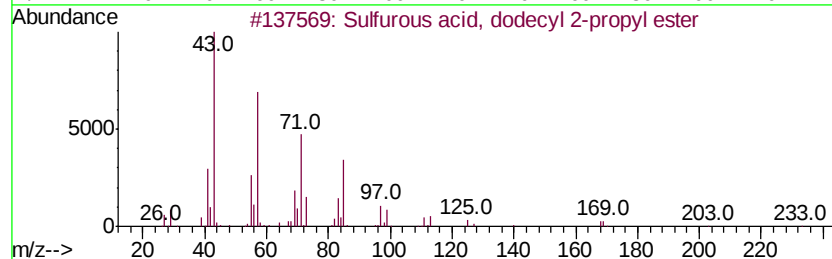
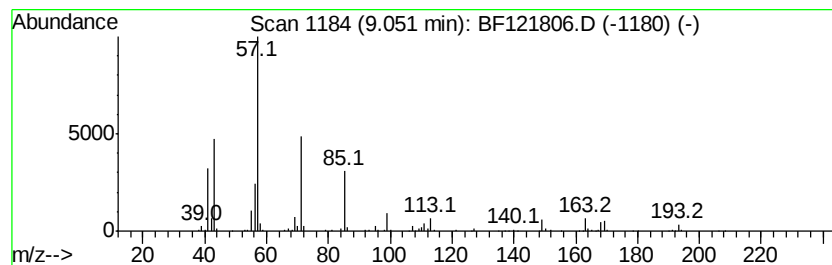
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown9.05 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	15.22 ng	591750	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	46
2		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	43
3		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	43
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	38
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121806.D
Acq On : 2 Oct 2020 21:23
Operator : JU/CG
Sample : L4213-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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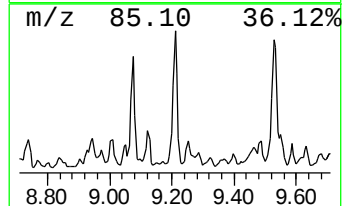
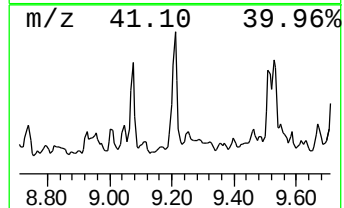
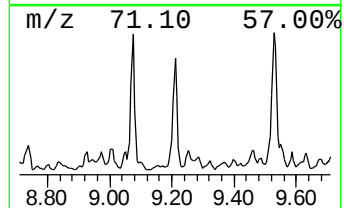
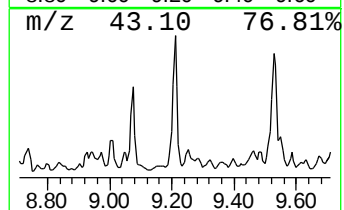
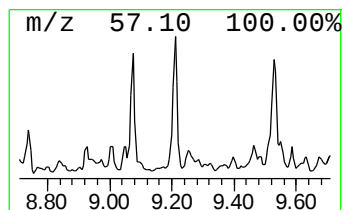
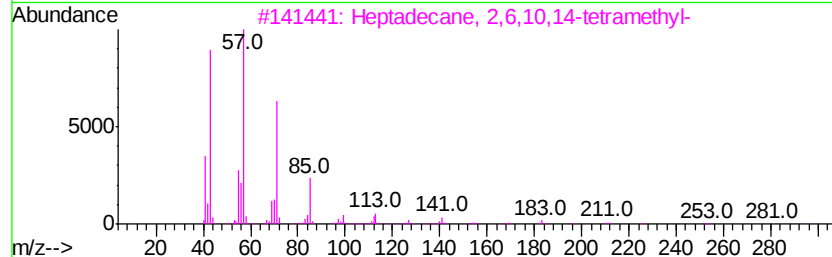
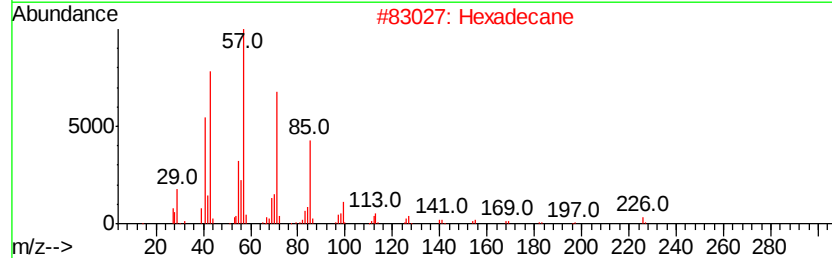
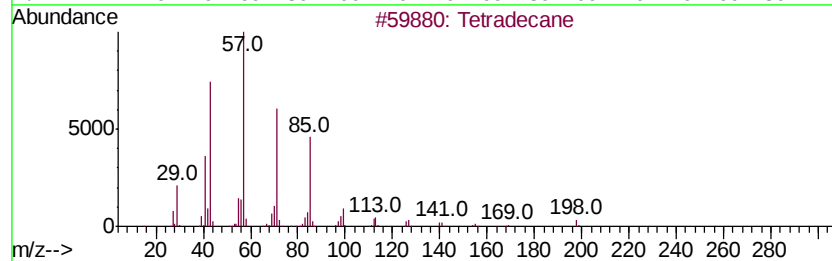
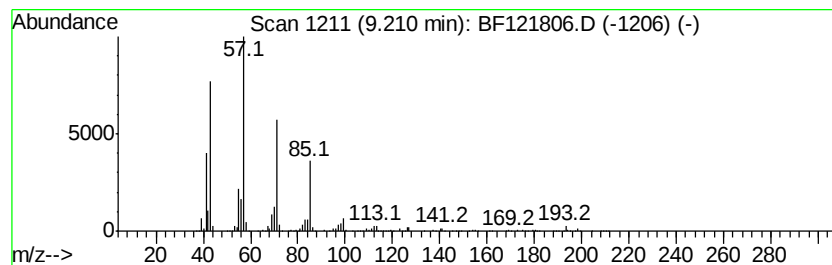
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	76.56 ng	2976860	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	80
4		Tridecane	184	C13H28	000629-50-5	78
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121806.D
Acq On : 2 Oct 2020 21:23
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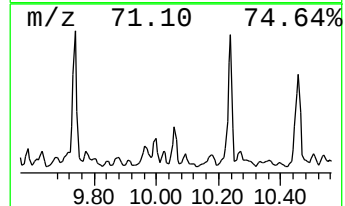
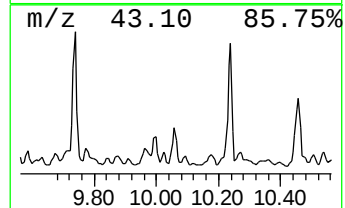
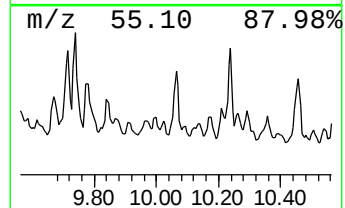
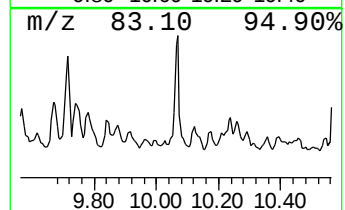
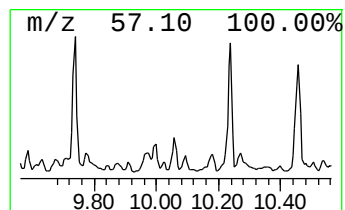
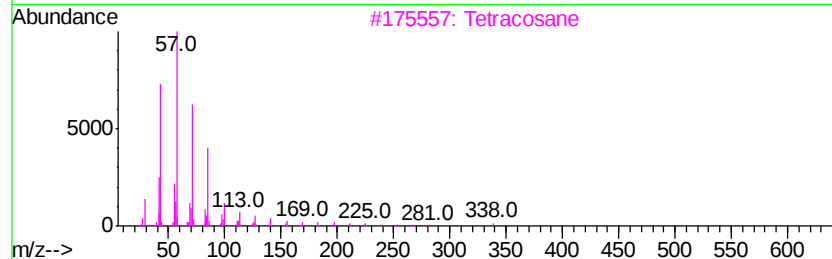
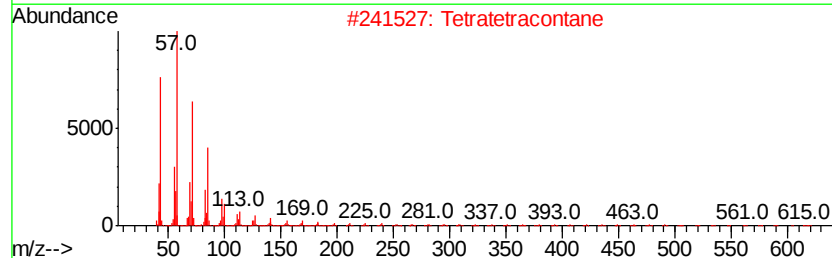
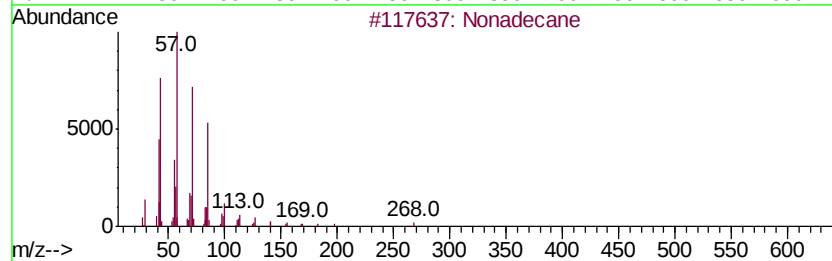
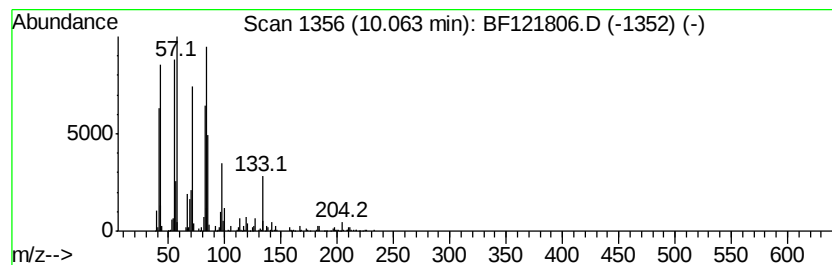
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown10.06 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	24.68 ng	959738	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	45
2		Tetratetracontane	619	C44H90	007098-22-8	43
3		Tetracosane	338	C24H50	000646-31-1	38
4		Heneicosane	296	C21H44	000629-94-7	38
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
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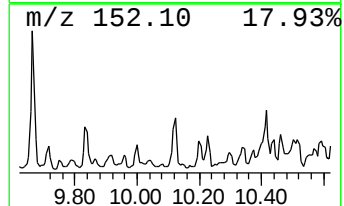
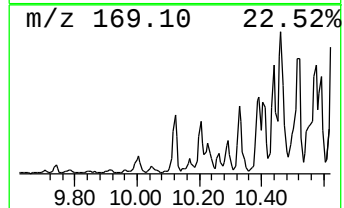
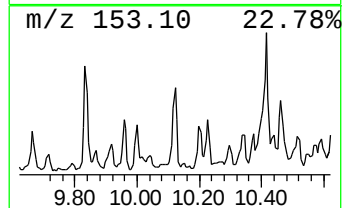
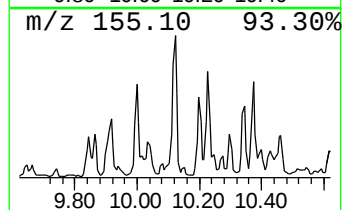
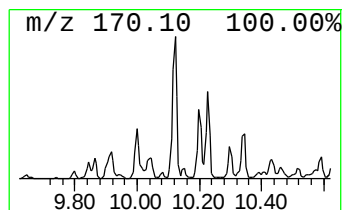
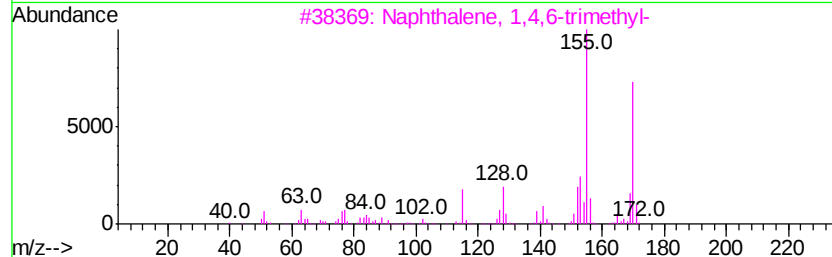
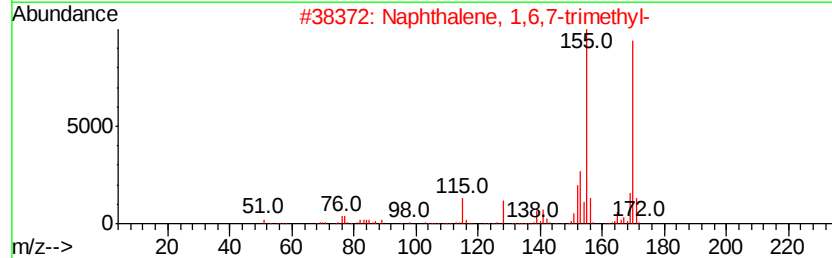
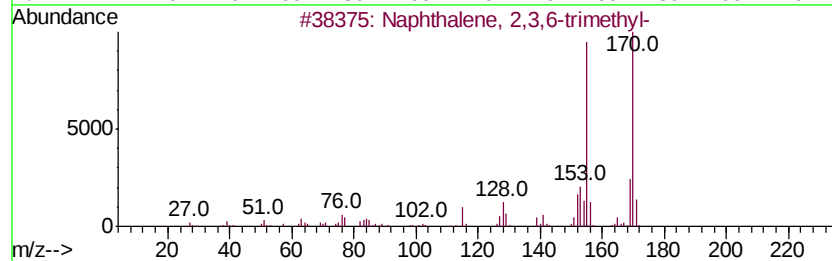
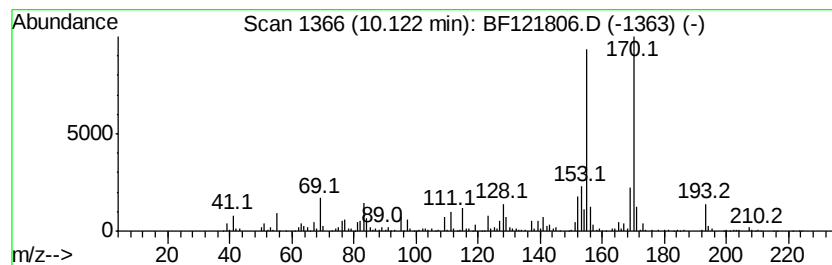
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	23.11 ng	898707	Acenaphthene-d10	9.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 98
2		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 98
3		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 96
4		4,6,8-Trimethylazulene	170 C13H14	000941-81-1 93
5		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
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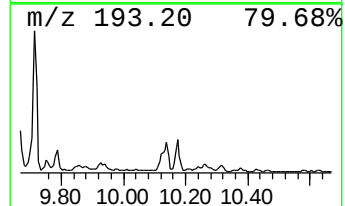
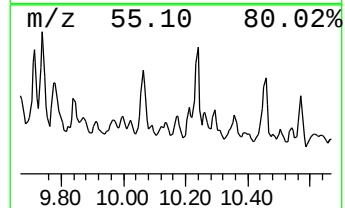
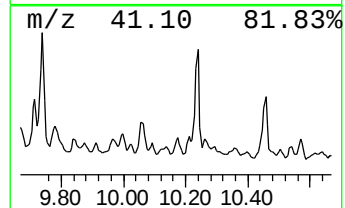
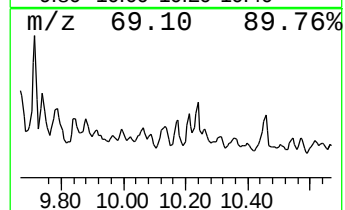
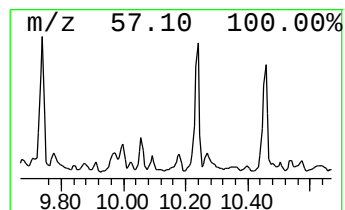
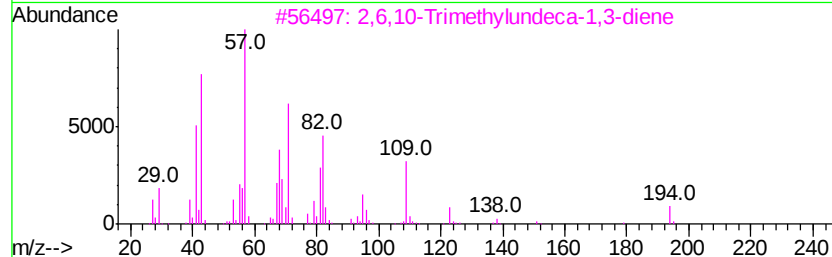
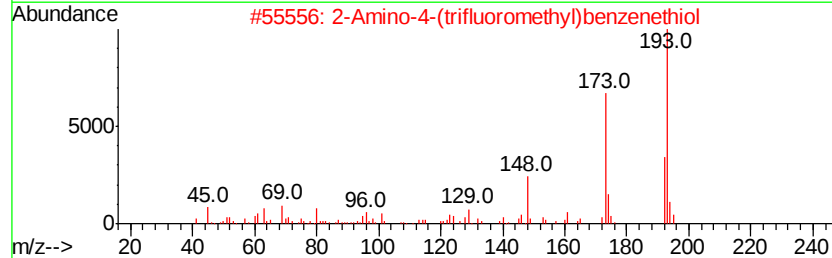
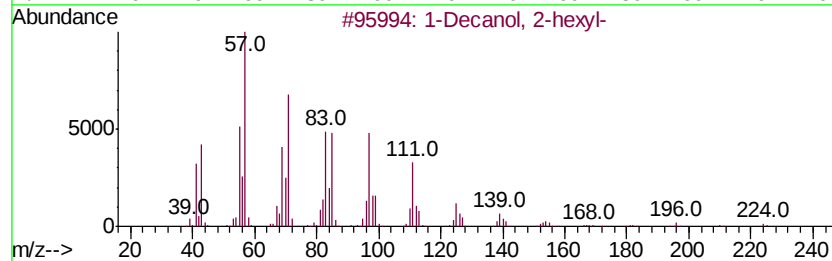
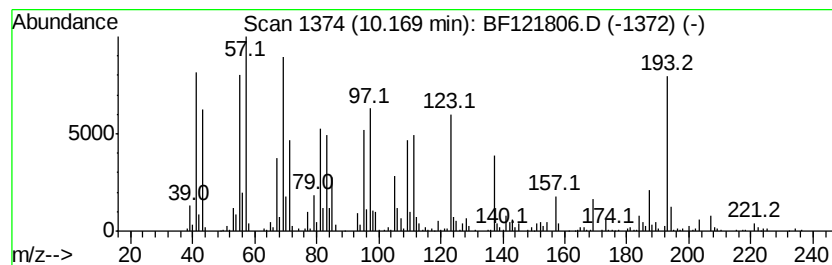
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown10.17 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	13.54 ng	526564	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	22
2		2-Amino-4-(trifluoromethyl)benze...	193	C7H6F3NS	004274-38-8	14
3		2,6,10-Trimethylundeca-1,3-diene	194	C14H26	1000222-09-1	11
4		Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	10
5		2-methyltetracosane	352	C25H52	1000376-72-6	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
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Sample : L4213-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

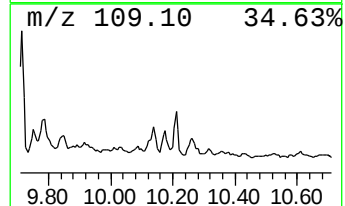
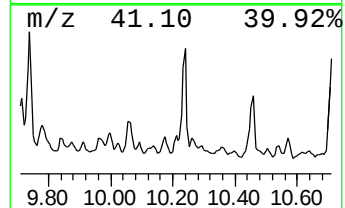
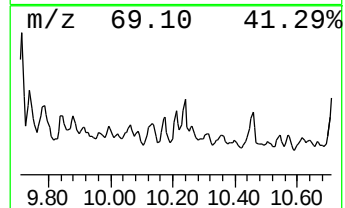
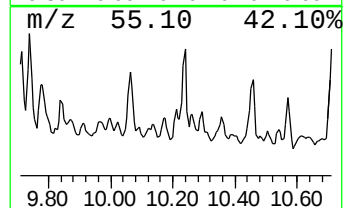
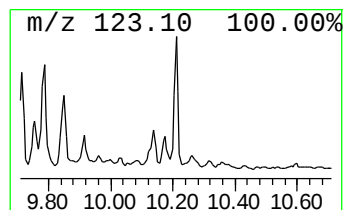
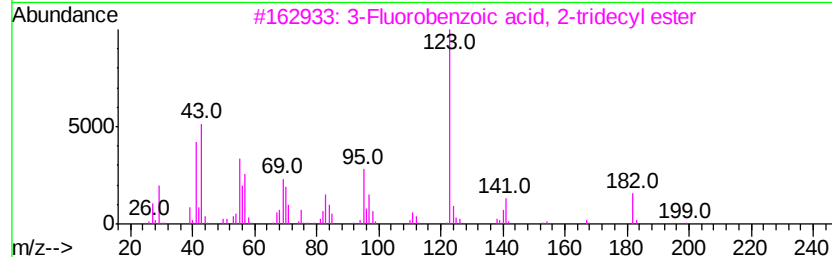
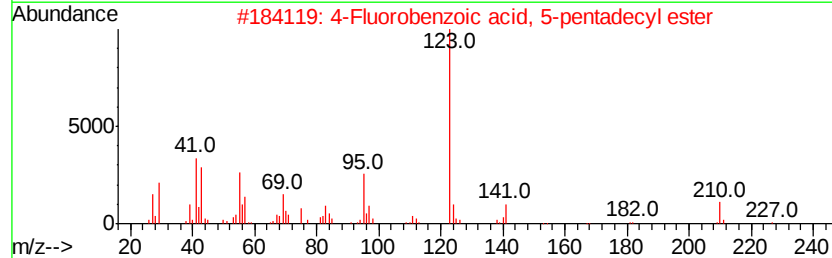
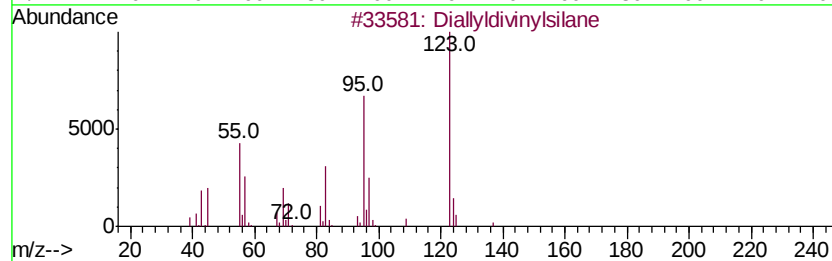
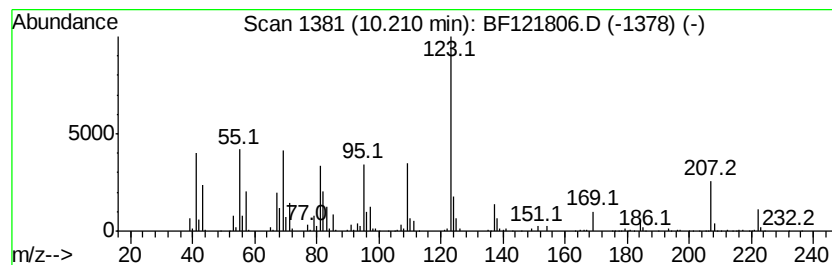
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown10.21 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	14.18 ng	551506	Acenaphthene-d10	9.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Diallyldivinylsilane	164 C10H16Si	119901-88-1 47
2		4-Fluorobenzoic acid, 5-pentadec...	350 C22H35F02	1000280-68-6 43
3		3-Fluorobenzoic acid, 2-tridecyl...	322 C20H31F02	1000280-60-2 43
4		3-Fluorobenzoic acid, 3-methylbu...	208 C12H13F02	154559-38-3 43
5		2-Fluorobenzoic acid, 2-ethylcyc...	250 C15H19F02	1000278-98-1 43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121806.D
Acq On : 2 Oct 2020 21:23
Operator : JU/CG
Sample : L4213-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-3

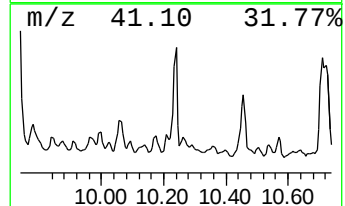
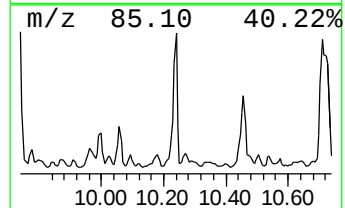
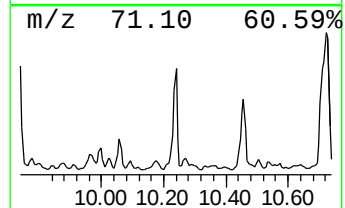
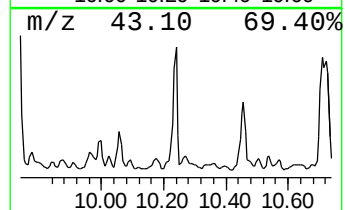
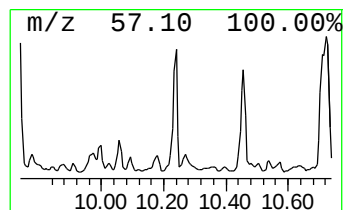
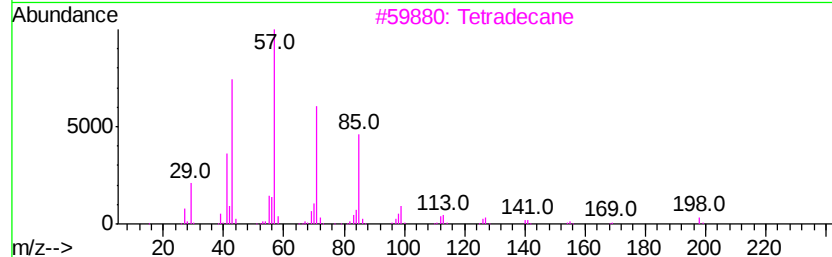
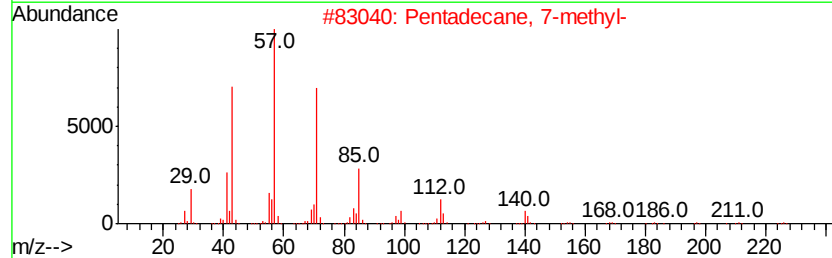
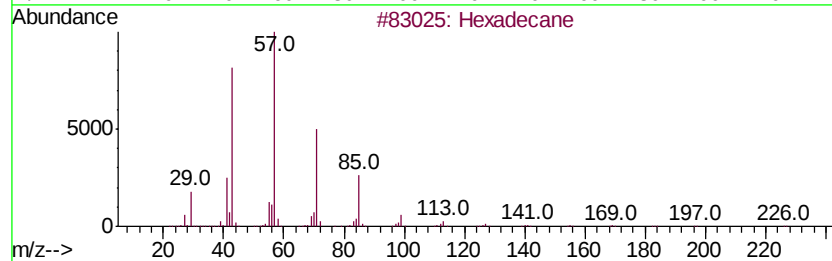
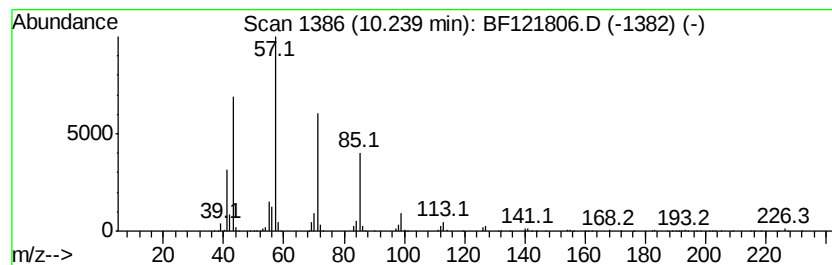
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	58.48 ng	2273920	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	83
3		Tetradecane	198	C14H30	000629-59-4	78
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121806.D
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Sample : L4213-11
Misc :
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Instrument :
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ClientSampleId :
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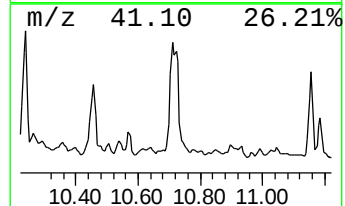
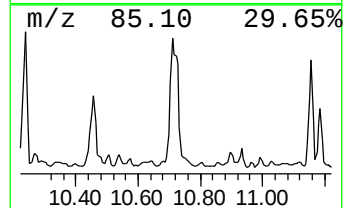
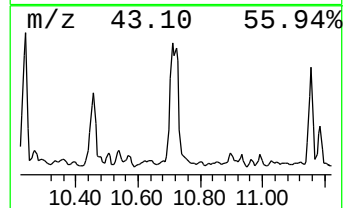
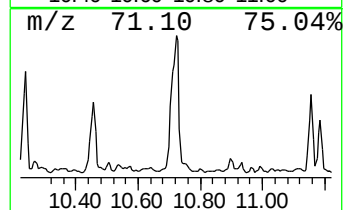
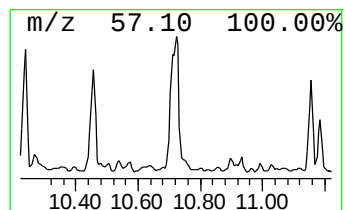
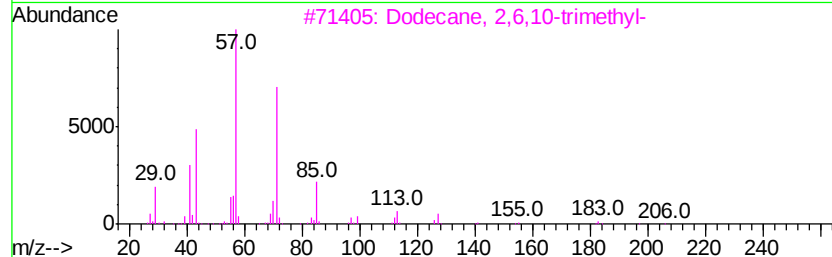
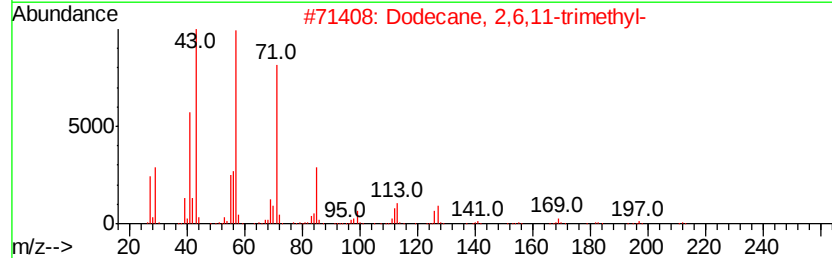
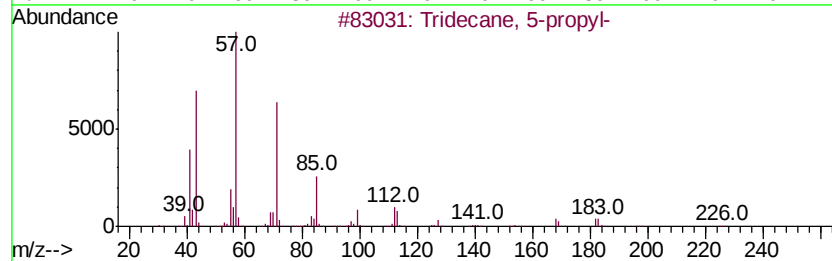
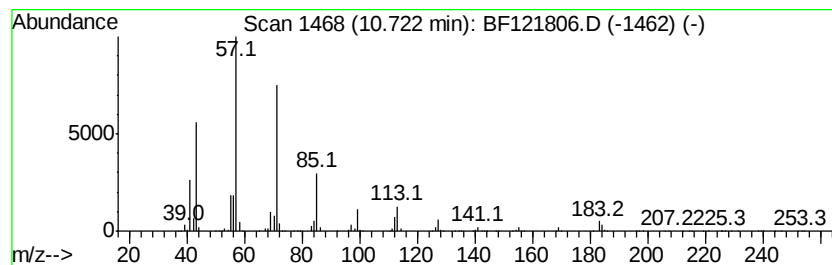
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	141.45 ng	5280060	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121806.D
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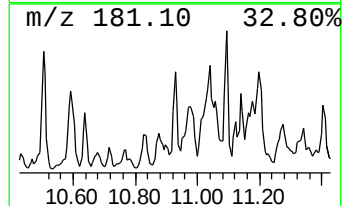
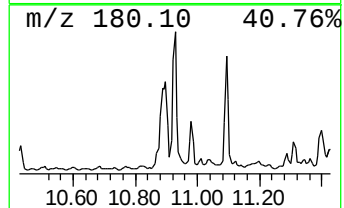
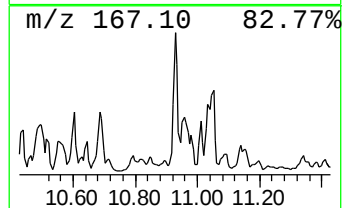
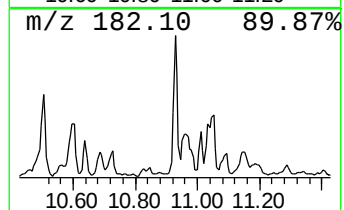
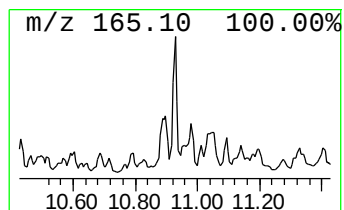
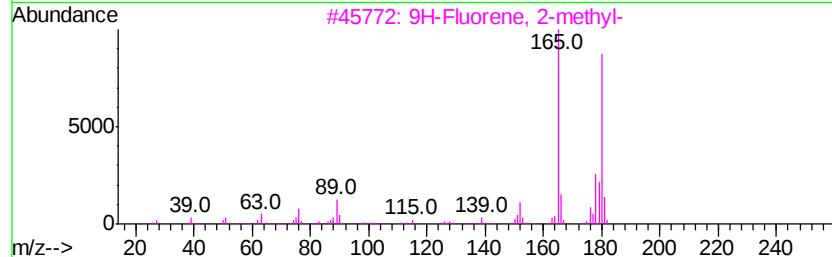
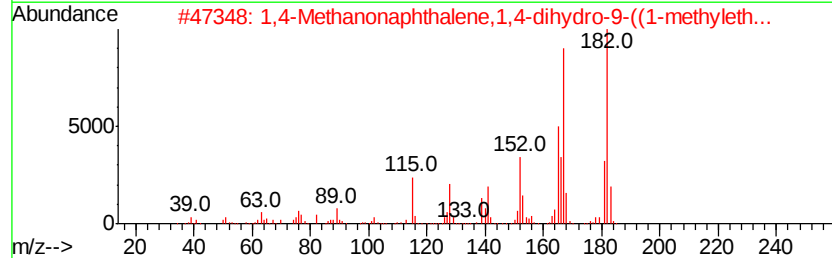
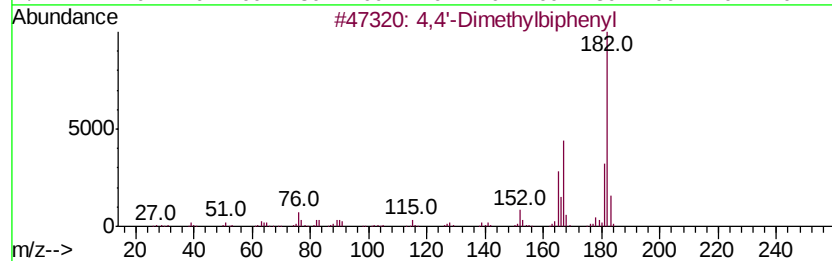
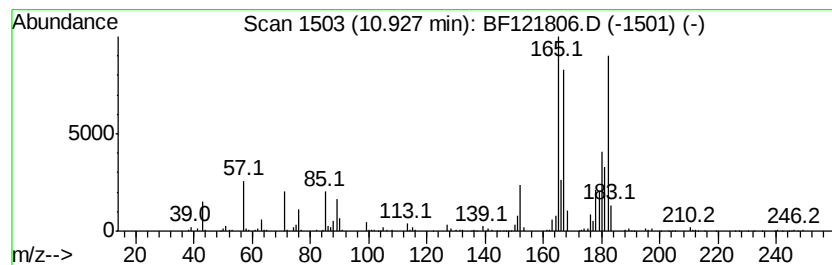
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 4,4'-Dimethylbiphenyl Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.93	13.46 ng	502269	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
2		1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	60
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	38
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	38
5		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121806.D
Acq On : 2 Oct 2020 21:23
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Misc :
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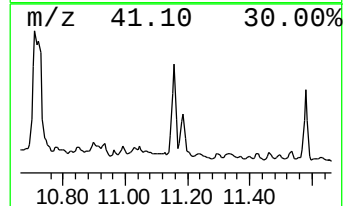
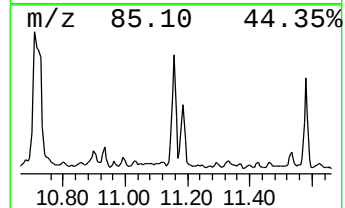
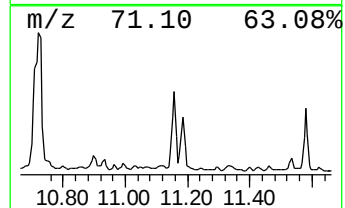
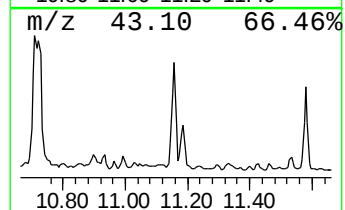
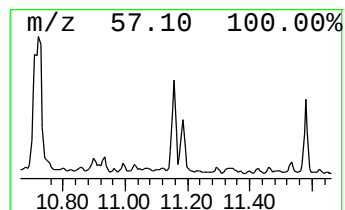
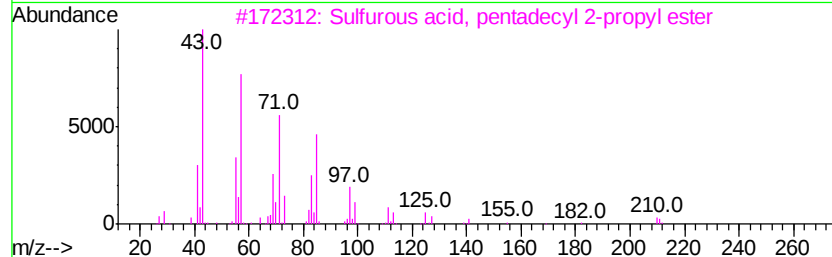
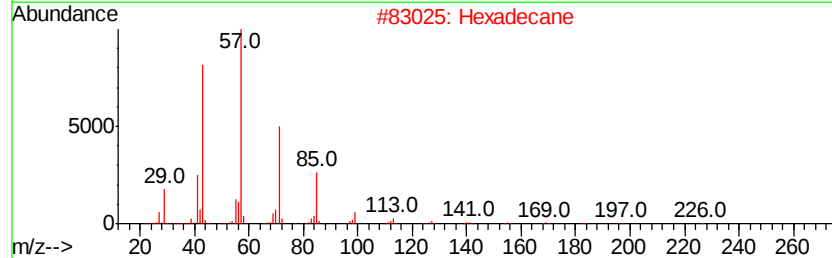
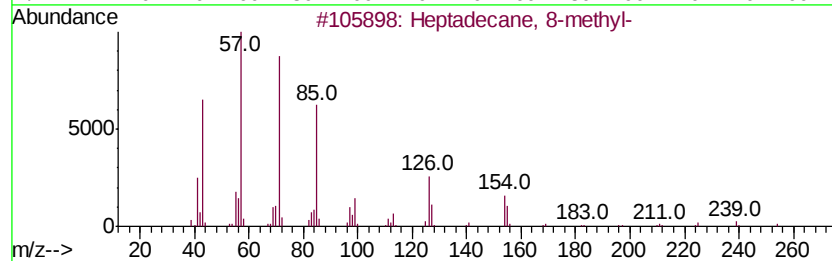
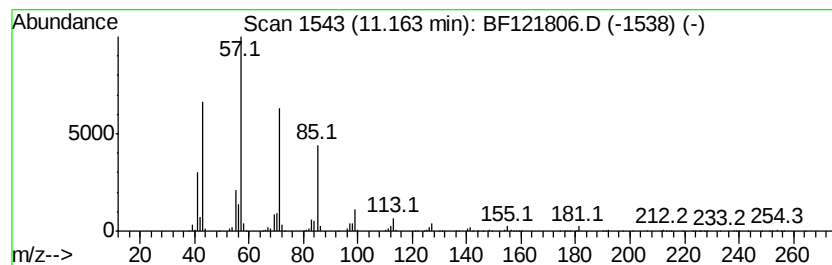
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Heptadecane, 8-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	48.78 ng	1820770	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	83
2		Hexadecane	226	C16H34	000544-76-3	80
3		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	78
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	72
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
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Misc :
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ClientSampleId :
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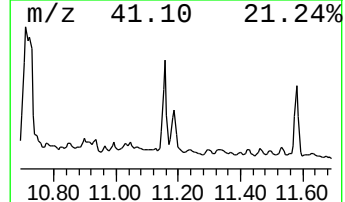
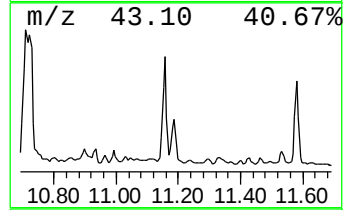
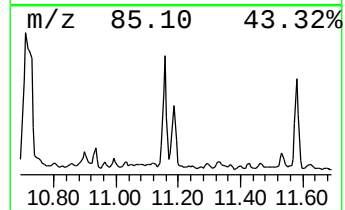
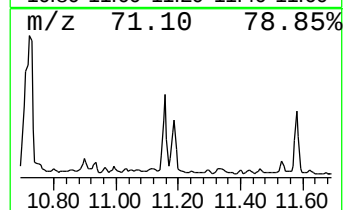
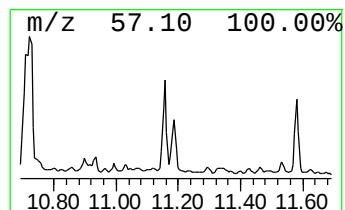
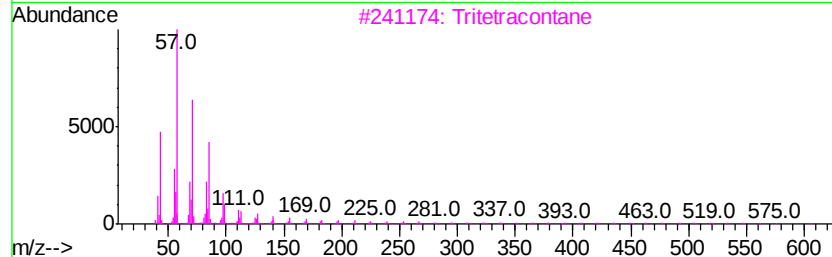
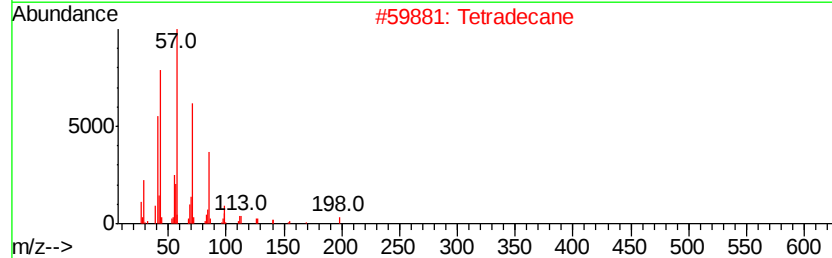
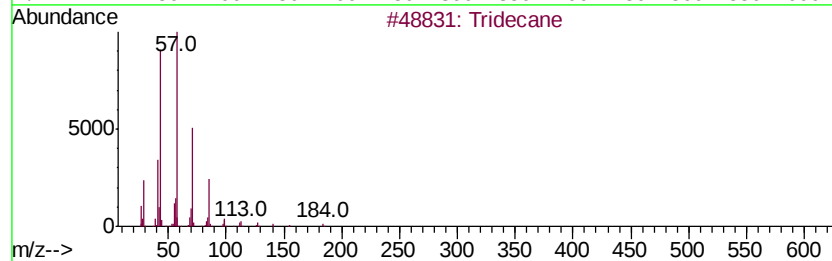
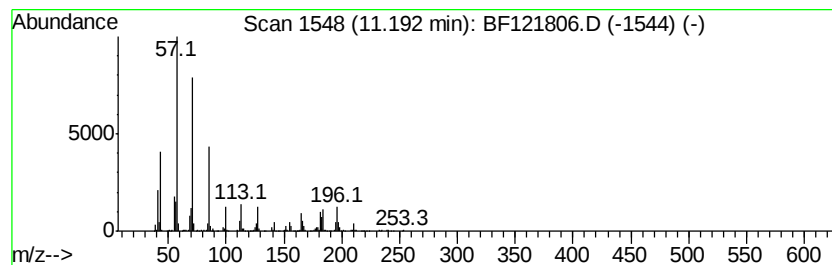
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Tritetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	36.95 ng	1379110	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Tetradecane	198	C14H30	000629-59-4	87
3		Tritetracontane	605	C43H88	007098-21-7	86
4		Hexadecane, 2-methyl-	240	C17H36	001560-92-5	81
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
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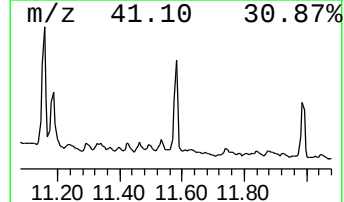
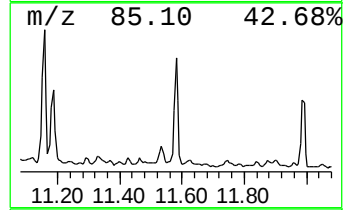
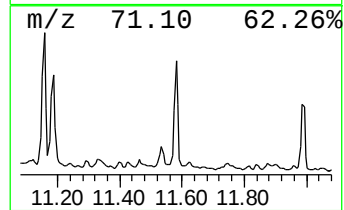
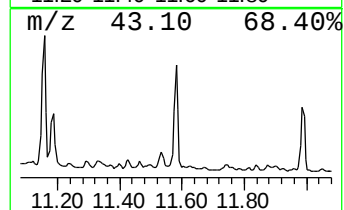
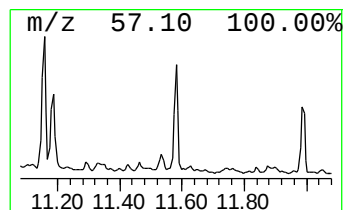
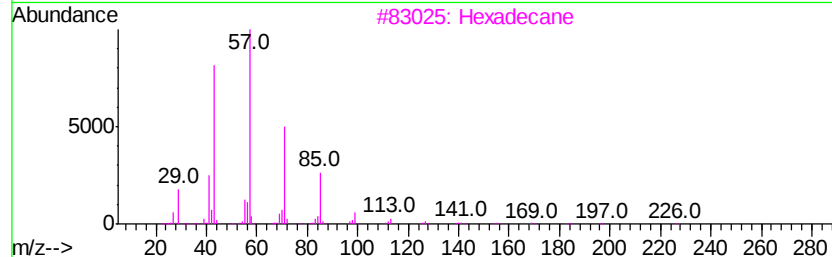
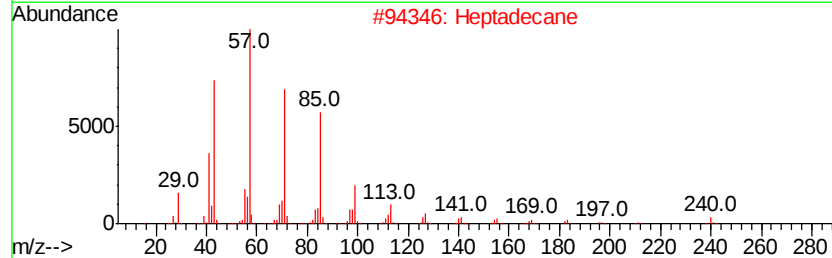
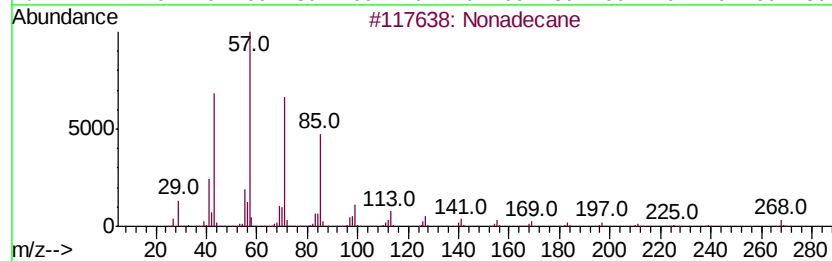
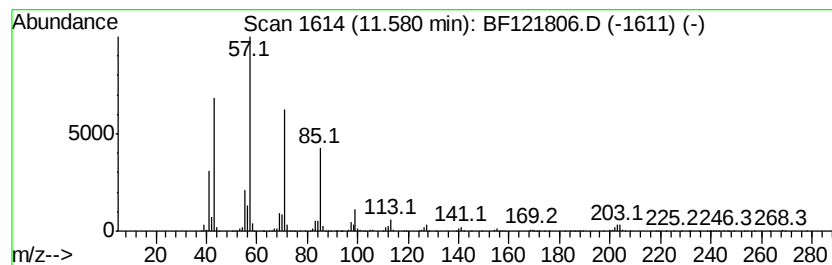
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	33.50 ng	1250650	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	96
2		Heptadecane	240	C17H36	000629-78-7	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-3

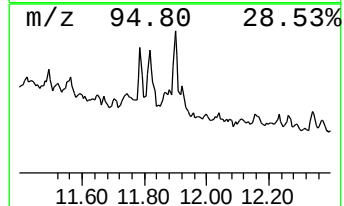
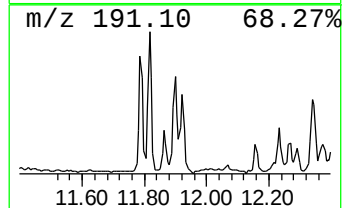
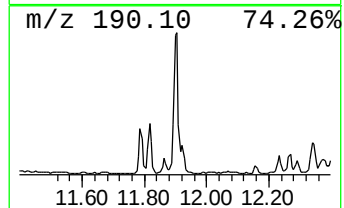
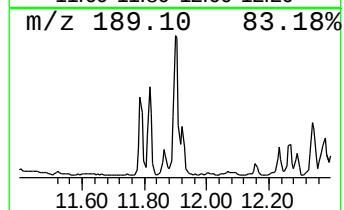
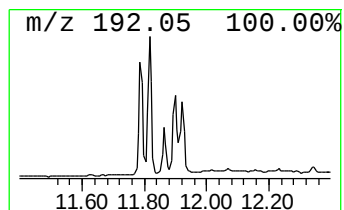
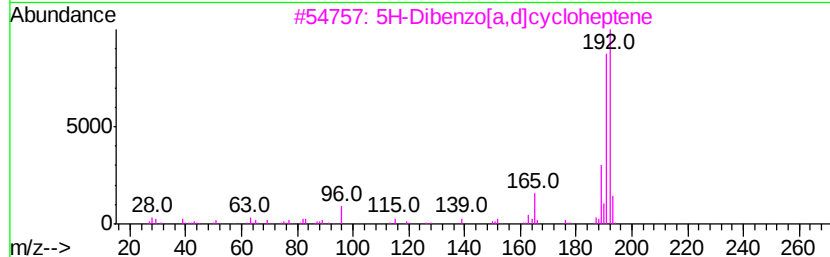
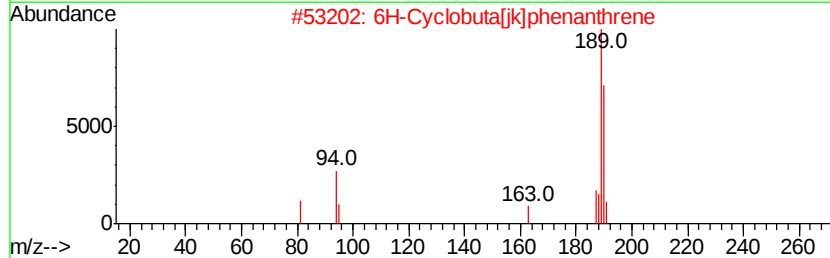
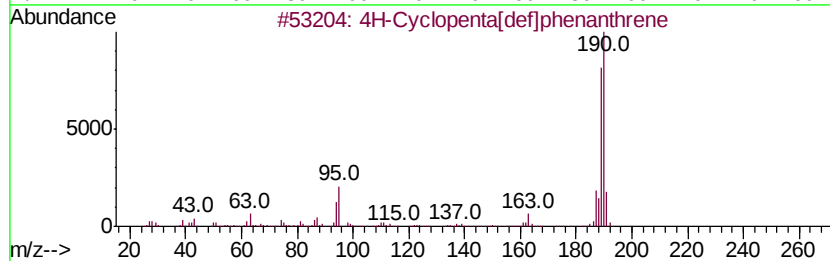
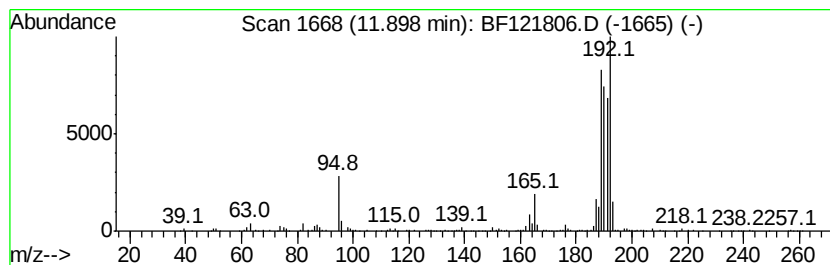
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown11.90 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	16.46 ng	614395	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121806.D
Acq On : 2 Oct 2020 21:23
Operator : JU/CG
Sample : L4213-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-3

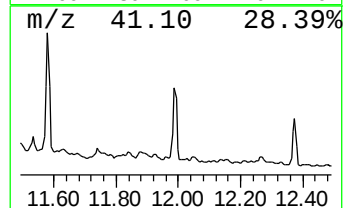
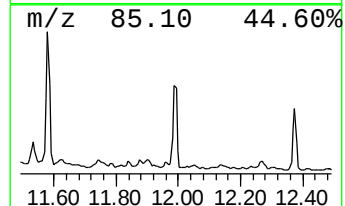
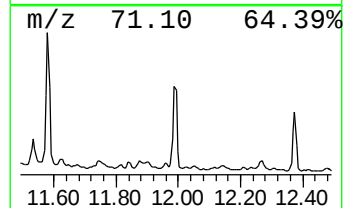
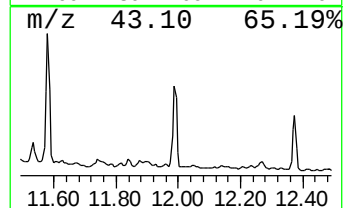
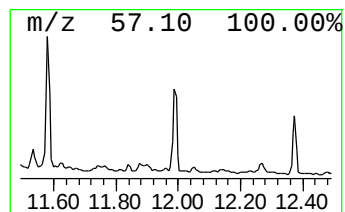
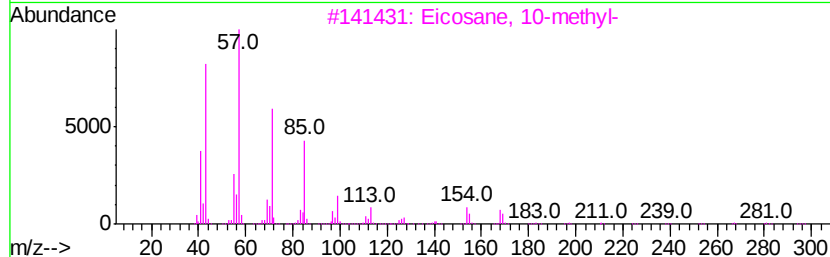
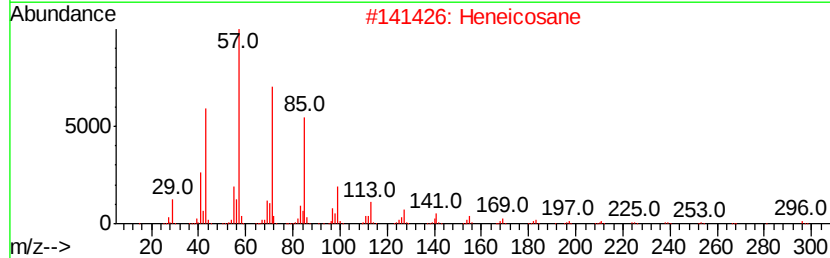
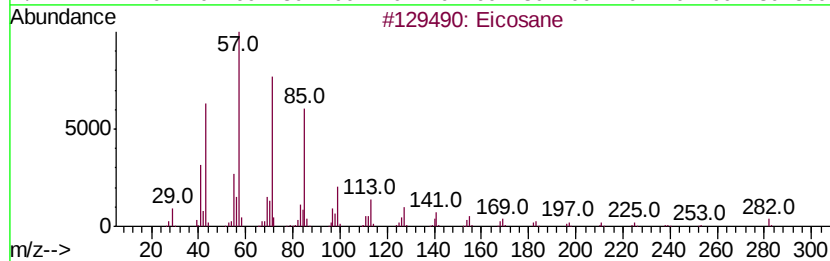
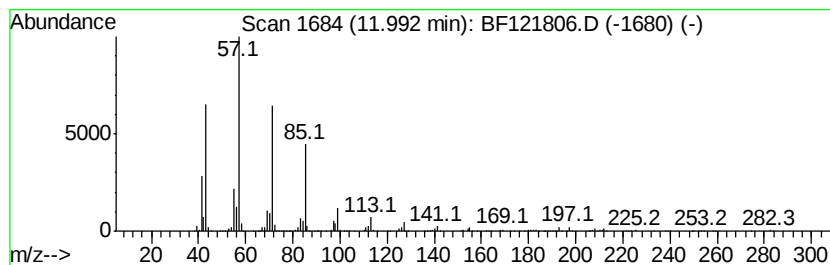
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	23.36 ng	872091	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Heneicosane	296	C21H44	000629-94-7	90
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121806.D
Acq On : 2 Oct 2020 21:23
Operator : JU/CG
Sample : L4213-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-3

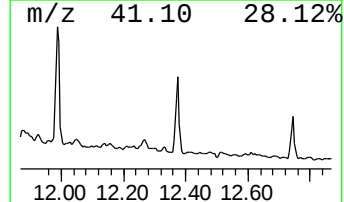
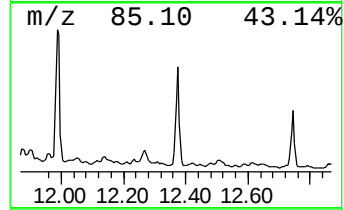
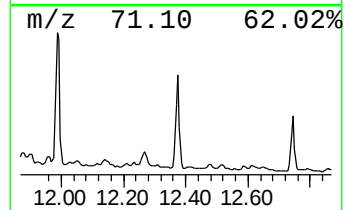
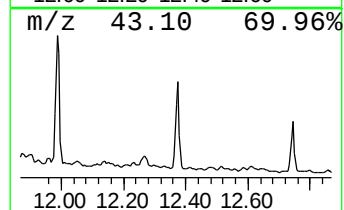
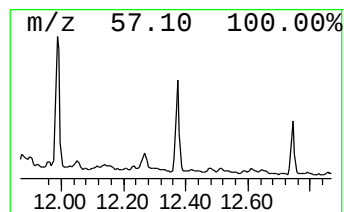
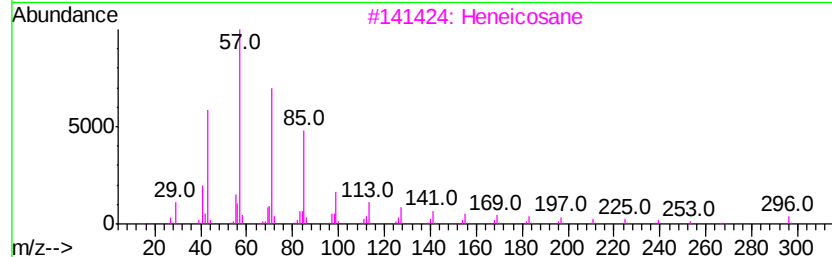
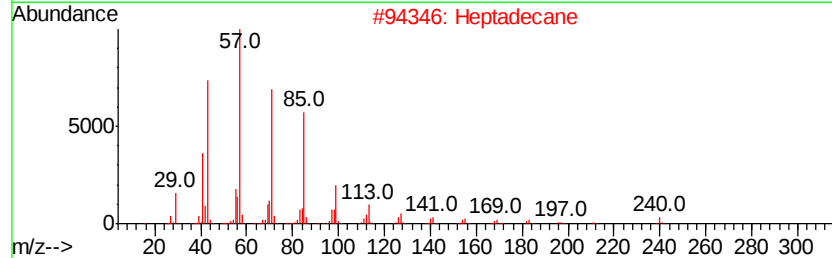
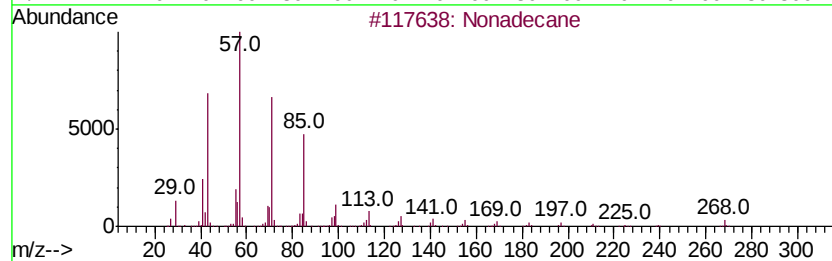
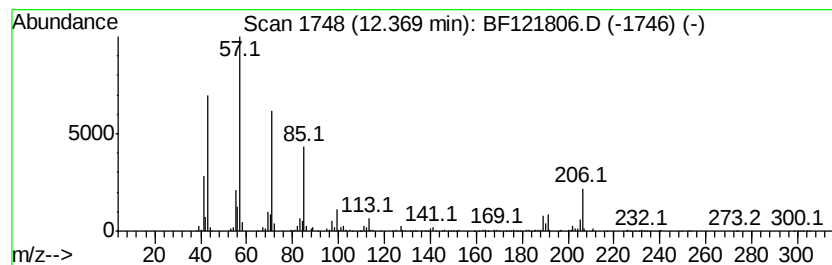
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	20.04 ng	748078	Phenanthrene-d10	11.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	90
2		Heptadecane	240	C17H36	000629-78-7	90
3		Heneicosane	296	C21H44	000629-94-7	83
4		Tetradecane	198	C14H30	000629-59-4	72
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121806.D
Acq On : 2 Oct 2020 21:23
Operator : JU/CG
Sample : L4213-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-3

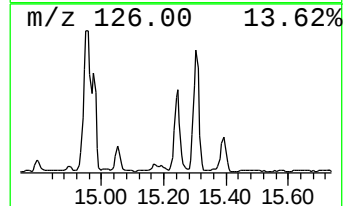
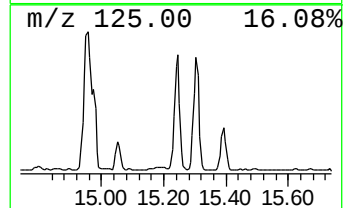
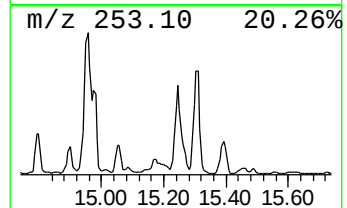
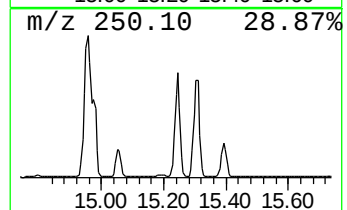
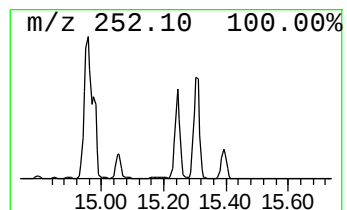
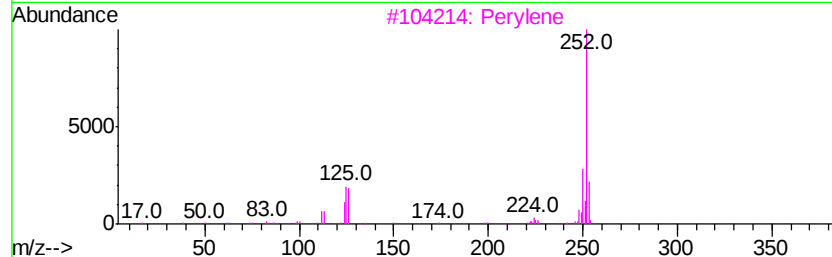
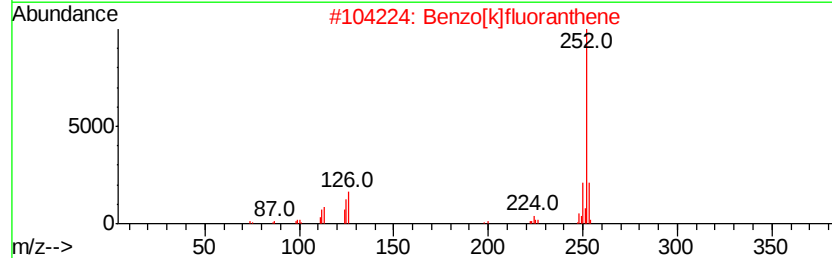
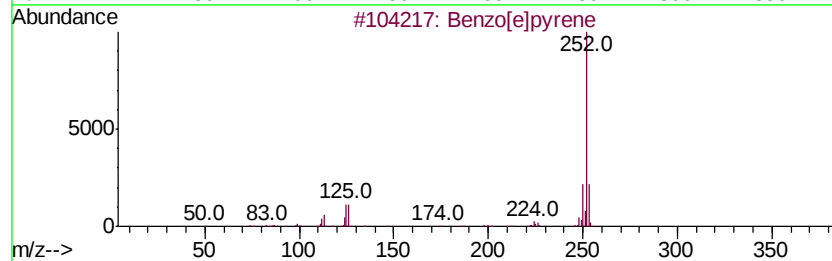
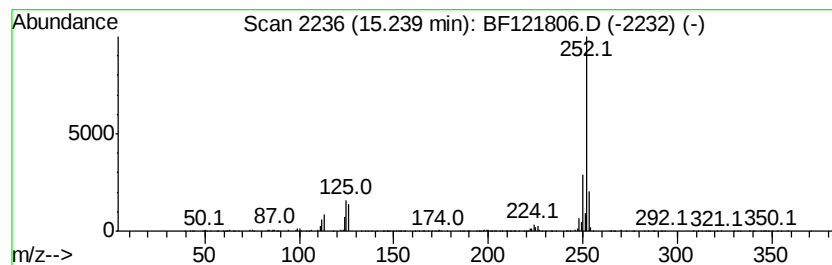
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	26.80 ng	1067530	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3		Perylene	252	C20H12	000198-55-0	96
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
5		Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100220\
 Data File : BF121806.D
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 Operator : JU/CG
 Sample : L4213-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Undecane, 2,6-dim...	8.11	13.9 ng		1277570	2	8.05	1843520	20.0
Octane, 1,1'-oxybis-	8.47	26.9 ng		2478910	2	8.05	1843520	20.0
Tridecane	8.65	19.1 ng		1764110	2	8.05	1843520	20.0
Tridecane, 6-methyl-	8.93	15.1 ng		588069	3	9.80	777689	20.0
unknown9.05	9.05	15.2 ng		591750	3	9.80	777689	20.0
Tetradecane	9.21	76.6 ng		2976860	3	9.80	777689	20.0
unknown10.06	10.06	24.7 ng		959738	3	9.80	777689	20.0
Naphthalene, 2,3,...	10.12	23.1 ng		898707	3	9.80	777689	20.0
unknown10.17	10.17	13.5 ng		526564	3	9.80	777689	20.0
unknown10.21	10.21	14.2 ng		551506	3	9.80	777689	20.0
Hexadecane	10.24	58.5 ng		2273920	3	9.80	777689	20.0
Tridecane, 5-propyl-	10.72	141.4 ng		5280060	4	11.29	746565	20.0
4,4'-Dimethylbiph...	10.93	13.5 ng		502269	4	11.29	746565	20.0
Heptadecane, 8-me...	11.16	48.8 ng		1820770	4	11.29	746565	20.0
Tritetracontane	11.19	37.0 ng		1379110	4	11.29	746565	20.0
Nonadecane	11.58	33.5 ng		1250650	4	11.29	746565	20.0
unknown11.90	11.90	16.5 ng		614395	4	11.29	746565	20.0
Eicosane	11.99	23.4 ng		872091	4	11.29	746565	20.0
Heptadecane	12.37	20.0 ng		748078	4	11.29	746565	20.0
Benzo[e]pyrene	15.24	26.8 ng		1067530	6	15.36	796776	20.0