

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100520\
 Data File : BF121827.D
 Acq On : 5 Oct 2020 20:20
 Operator : JU/CG
 Sample : L4247-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-19(4-5)

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	4.969	486	490	499	rBV	35592	48527	1.52%	0.109%
2	5.381	556	560	576	rBV	2342208	2261146	70.77%	5.089%
3	6.404	729	734	747	rBV	2328468	2319089	72.58%	5.219%
4	6.598	763	767	773	rBV3	34748	46200	1.45%	0.104%
5	6.763	791	795	801	rVB	798088	695409	21.77%	1.565%
6	7.287	879	884	886	rBV2	24751	35616	1.11%	0.080%
7	7.328	886	891	894	rVV	1725544	1564082	48.95%	3.520%
8	7.357	894	896	900	rVV	78155	83742	2.62%	0.188%
9	7.404	900	904	908	rVB4	27427	41683	1.30%	0.094%
10	7.569	930	932	935	rVB2	44374	34623	1.08%	0.078%
11	7.681	949	951	955	rVB3	75089	76014	2.38%	0.171%
12	7.728	955	959	962	rBV3	32293	42633	1.33%	0.096%
13	7.798	967	971	975	rBV5	47593	66917	2.09%	0.151%
14	7.869	980	983	988	rVB5	30817	38274	1.20%	0.086%
15	7.928	988	993	995	rBV3	46181	72016	2.25%	0.162%
16	7.998	1001	1005	1007	rBV4	29875	51957	1.63%	0.117%
17	8.045	1007	1013	1016	rVV	1060758	1067748	33.42%	2.403%
18	8.110	1019	1024	1026	rVB	185041	179290	5.61%	0.404%
19	8.134	1026	1028	1032	rBV3	47586	61201	1.92%	0.138%
20	8.216	1036	1042	1045	rBV5	73211	136434	4.27%	0.307%
21	8.251	1045	1048	1050	rVB	134043	121900	3.82%	0.274%
22	8.275	1050	1052	1055	rVB3	31058	32612	1.02%	0.073%
23	8.339	1057	1063	1065	rBV4	106058	170041	5.32%	0.383%
24	8.392	1069	1072	1075	rBV3	97450	86525	2.71%	0.195%
25	8.428	1075	1078	1081	rVB3	118288	126408	3.96%	0.284%
26	8.469	1081	1085	1087	rBV	524150	500840	15.68%	1.127%
27	8.510	1090	1092	1094	rVB3	94870	79762	2.50%	0.180%
28	8.551	1096	1099	1101	rVB3	94461	81741	2.56%	0.184%
29	8.586	1101	1105	1110	rBV4	205087	264309	8.27%	0.595%
30	8.639	1110	1114	1117	rBV	353083	340213	10.65%	0.766%
31	8.675	1118	1120	1122	rBV2	53460	57445	1.80%	0.129%
32	8.734	1127	1130	1133	rVB2	204538	247068	7.73%	0.556%
33	8.792	1137	1140	1143	rBV4	88964	108324	3.39%	0.244%
34	8.839	1143	1148	1149	rBV3	88161	161255	5.05%	0.363%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.922	1160	1162	1166	rBV3	211856	283665	8.88%	0.638%
36	9.004	1173	1176	1179	rVB	146564	141360	4.42%	0.318%
37	9.039	1179	1182	1184	rBV2	188854	180559	5.65%	0.406%
38	9.069	1184	1187	1191	rVB	949202	773290	24.20%	1.740%
39	9.122	1191	1196	1199	rBV	2774813	2415166	75.59%	5.436%
40	9.204	1206	1210	1214	rBV2	873227	982441	30.75%	2.211%
41	9.245	1214	1217	1219	rBV2	171786	192143	6.01%	0.432%
42	9.392	1240	1242	1244	rBV2	139866	104836	3.28%	0.236%
43	9.457	1251	1253	1255	rBV2	164934	131419	4.11%	0.296%
44	9.481	1255	1257	1259	rVB2	217199	159117	4.98%	0.358%
45	9.522	1259	1264	1267	rBV3	1420683	1880811	58.87%	4.233%
46	9.545	1267	1268	1271	rVV2	237305	176403	5.52%	0.397%
47	9.581	1272	1274	1276	rVB2	246870	190461	5.96%	0.429%
48	9.616	1277	1280	1285	rVB5	172132	281477	8.81%	0.633%
49	9.669	1285	1289	1293	rBV5	308534	516367	16.16%	1.162%
50	9.710	1293	1296	1298	rVV	358058	322731	10.10%	0.726%
51	9.733	1298	1300	1304	rVB	768252	609607	19.08%	1.372%
52	9.775	1304	1307	1309	rBV3	298686	412298	12.90%	0.928%
53	9.798	1309	1311	1314	rVB	1110894	906059	28.36%	2.039%
54	9.910	1327	1330	1333	rVB	171238	170852	5.35%	0.385%
55	9.963	1336	1339	1342	rVV2	284731	409718	12.82%	0.922%
56	9.992	1342	1344	1347	rVV2	387420	383236	11.99%	0.863%
57	10.022	1347	1349	1351	rVV2	195585	144232	4.51%	0.325%
58	10.057	1351	1355	1358	rVV3	520475	598088	18.72%	1.346%
59	10.116	1362	1365	1370	rBV4	192479	295556	9.25%	0.665%
60	10.169	1372	1374	1378	rVB2	242653	257092	8.05%	0.579%
61	10.204	1378	1380	1382	rBV2	175772	198347	6.21%	0.446%
62	10.233	1382	1385	1387	rVB	786848	654638	20.49%	1.473%
63	10.257	1387	1389	1392	rVB2	139788	136573	4.27%	0.307%
64	10.286	1392	1394	1400	rVB3	212397	286321	8.96%	0.644%
65	10.345	1400	1404	1405	rBV4	162621	235912	7.38%	0.531%
66	10.451	1417	1422	1428	rBV	1356547	1580763	49.48%	3.558%
67	10.504	1428	1431	1434	rVB4	222996	228774	7.16%	0.515%
68	10.533	1434	1436	1440	rBV2	221240	272069	8.52%	0.612%
69	10.592	1440	1446	1449	rBV2	1368380	1417233	44.36%	3.190%
70	10.722	1462	1468	1474	rVB	2318796	3195006	100.00%	7.191%
71	10.892	1495	1497	1499	rBV	200084	186323	5.83%	0.419%

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72	11.028	1518	1520	1521	rBV	168349	115508	3.62%	0.260%
73	11.151	1538	1541	1543	rBV	827757	664953	20.81%	1.497%
74	11.180	1543	1546	1552	rVB	1429269	1555595	48.69%	3.501%
75	11.286	1561	1564	1566	rBV	974885	893804	27.98%	2.012%
76	11.398	1581	1583	1585	rVB2	129661	95945	3.00%	0.216%
77	11.422	1585	1587	1591	rVB3	122237	105837	3.31%	0.238%
78	11.463	1591	1594	1596	rVB	160578	123685	3.87%	0.278%
79	11.492	1597	1599	1601	rVB	125689	84350	2.64%	0.190%
80	11.533	1603	1606	1609	rVB	380018	384403	12.03%	0.865%
81	11.580	1611	1614	1617	rVB	739982	629302	19.70%	1.416%
82	11.986	1680	1683	1686	rBV	665414	556886	17.43%	1.253%
83	12.263	1728	1730	1733	rBV	202761	167641	5.25%	0.377%
84	12.374	1745	1749	1751	rVB	545116	493675	15.45%	1.111%
85	12.498	1767	1770	1775	rVB	313496	296879	9.29%	0.668%
86	12.722	1806	1808	1810	rBV	275336	251563	7.87%	0.566%
87	12.745	1810	1812	1815	rVB	428702	328695	10.29%	0.740%
88	12.869	1829	1833	1836	rBV	2226317	1931845	60.46%	4.348%
89	13.098	1869	1872	1874	rBV	268878	235309	7.36%	0.530%
90	13.439	1927	1930	1934	rBV	177807	154392	4.83%	0.347%
91	13.774	1983	1987	1996	rVB	332282	535283	16.75%	1.205%
92	13.921	2007	2012	2015	rBV2	796108	882753	27.63%	1.987%
93	13.945	2015	2016	2019	rVB	148712	87617	2.74%	0.197%
94	14.945	2184	2186	2193	rVB	175935	292867	9.17%	0.659%
95	15.298	2244	2246	2250	rVB	158130	178005	5.57%	0.401%
96	15.363	2253	2257	2264	rVB	580836	773339	24.20%	1.740%

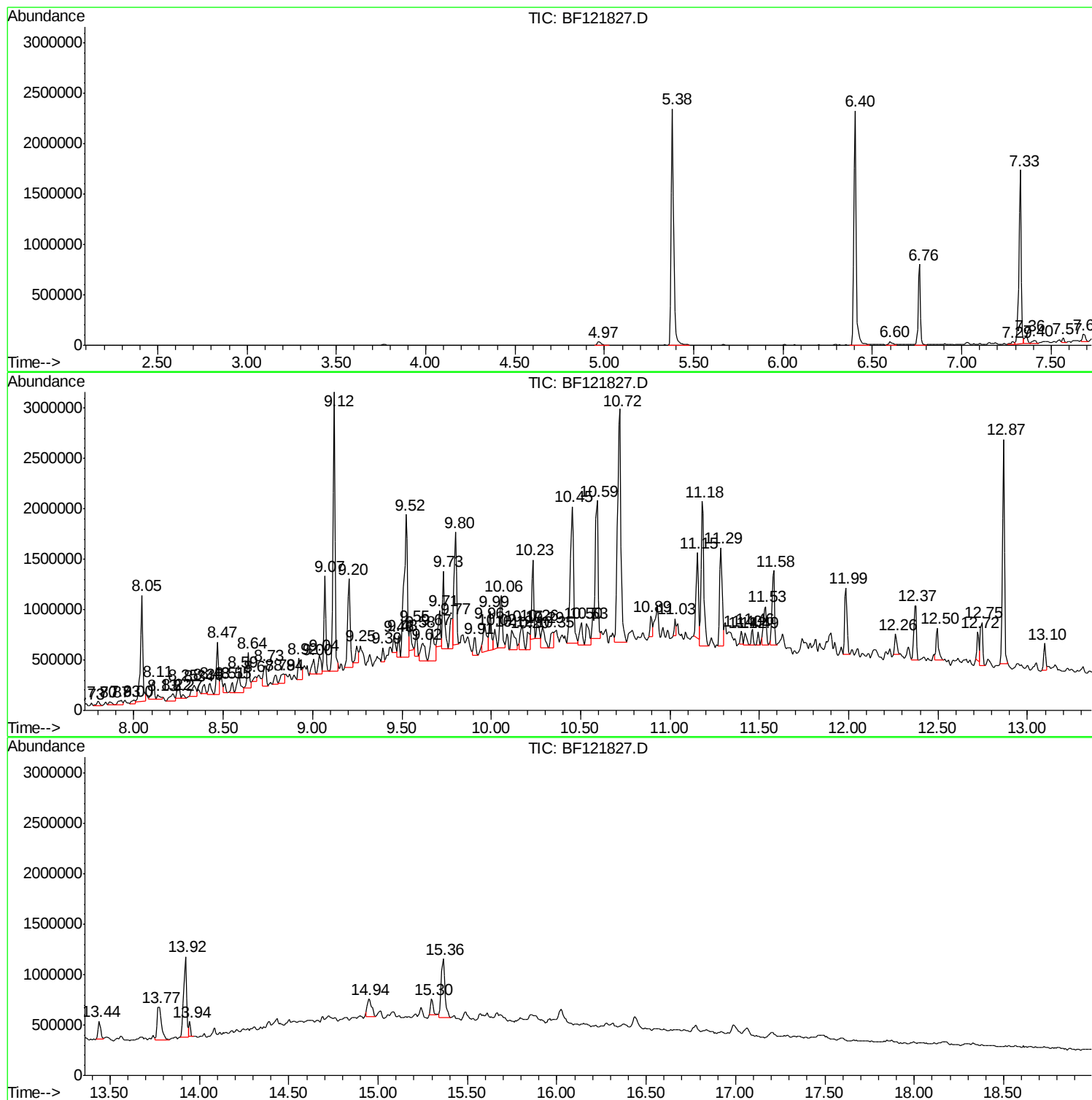
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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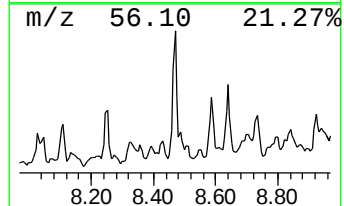
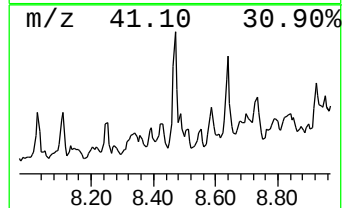
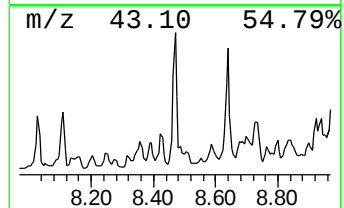
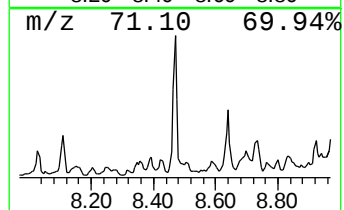
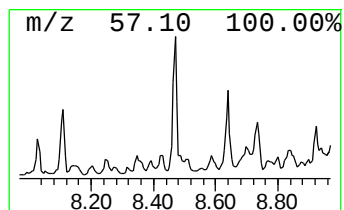
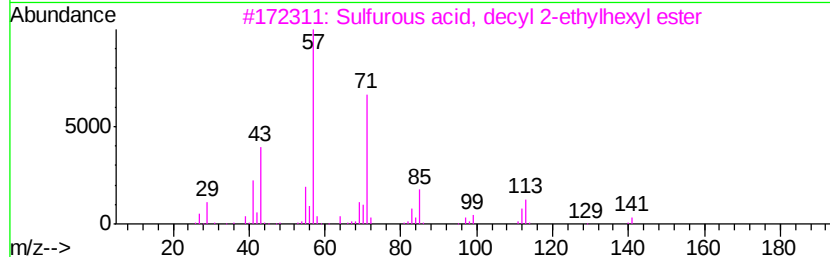
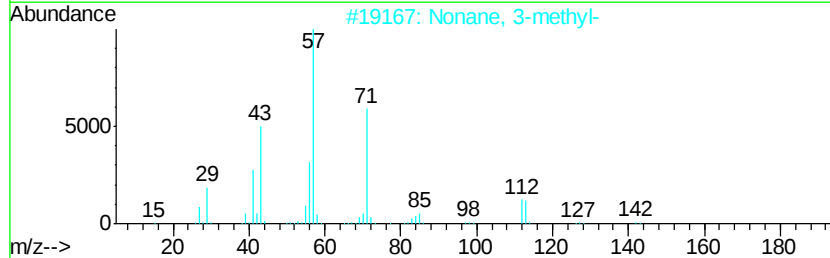
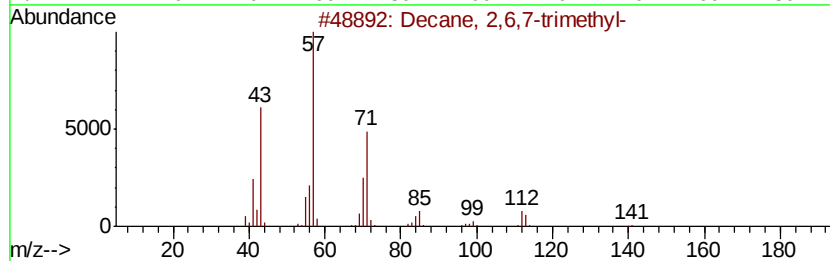
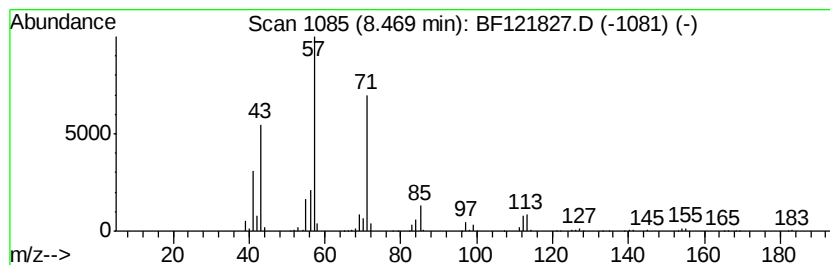
Instrument :
BNA_F
ClientSampleId :
B-19(4-5)

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 Decane, 2,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	9.38 ng	500840	Naphthalene-d8	8.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 2,6,7-trimethyl-	184 C13H28	062108-25-2	83
2	Nonane, 3-methyl-	142 C10H22	005911-04-6	72
3	Sulfurous acid, decyl 2-ethylhex...	334 C18H38O3S	1000309-19-3	72
4	Sulfurous acid, 2-ethylhexyl hex...	418 C24H50O3S	1000309-19-9	72
5	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	64



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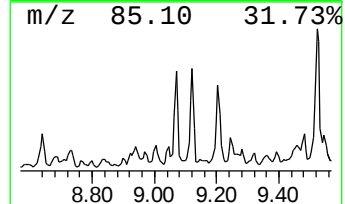
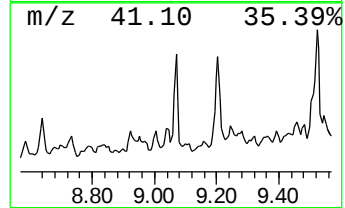
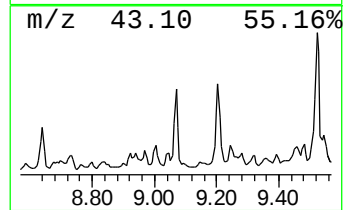
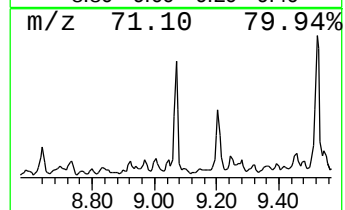
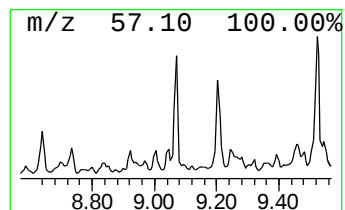
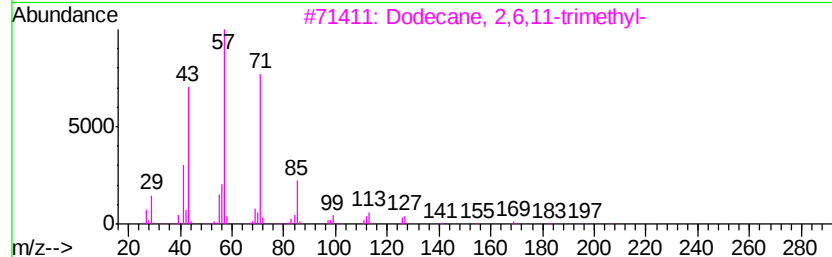
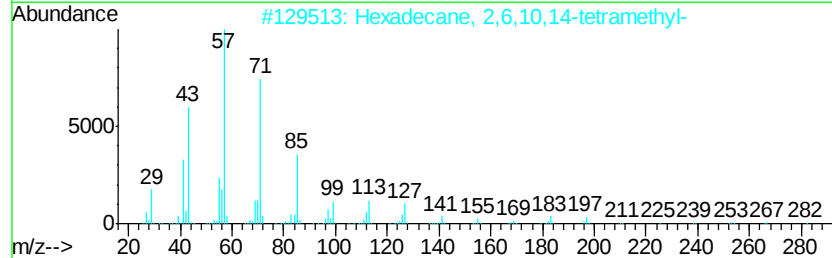
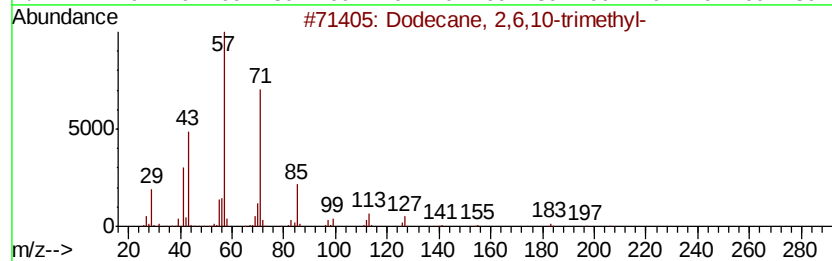
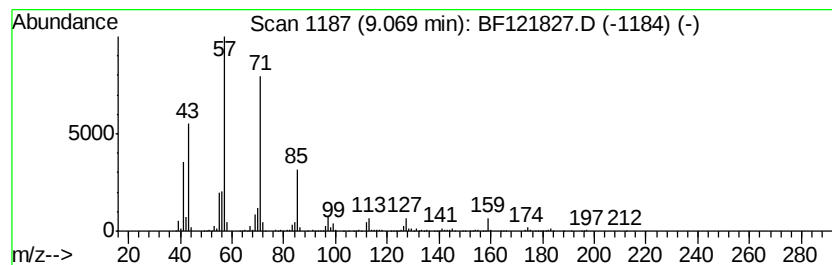
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dodecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	17.07 ng	773290	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	74



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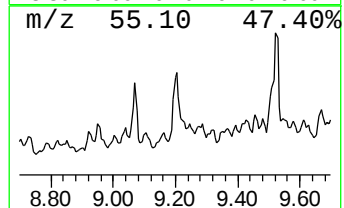
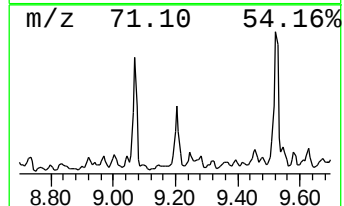
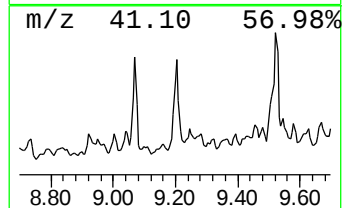
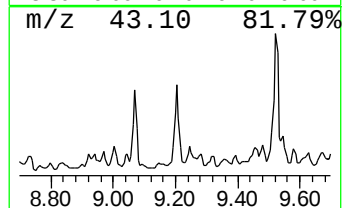
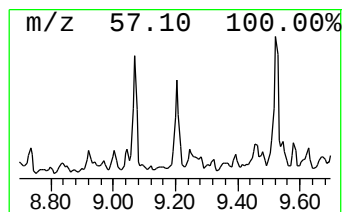
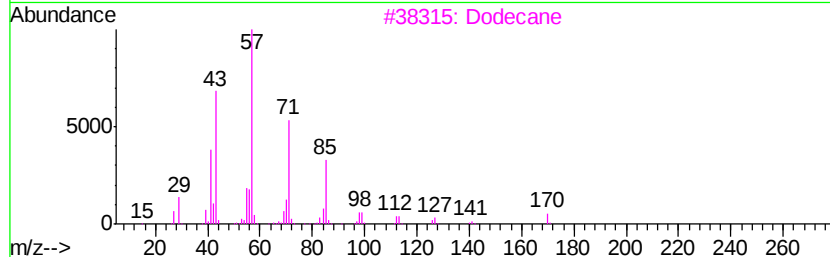
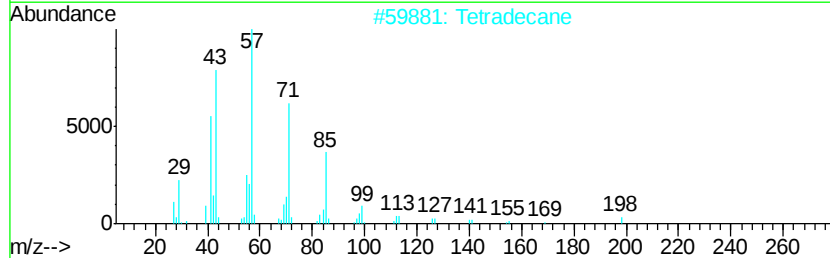
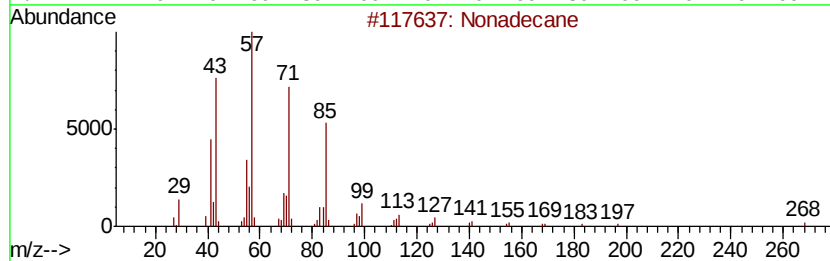
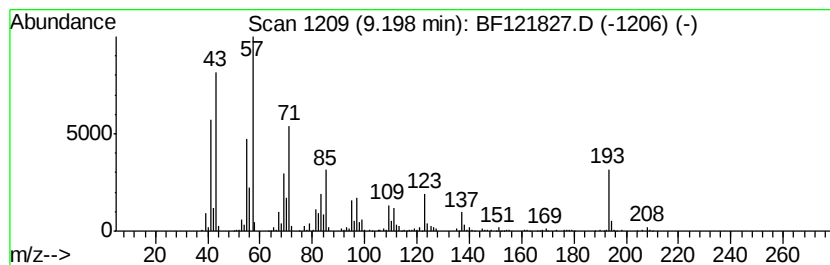
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Peak Number 3 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	21.69 ng	982441	Acenaphthene-d10	9.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	80
2	Tetradecane		198	C14H30	000629-59-4	80
3	Dodecane		170	C12H26	000112-40-3	72
4	Hexadecane		226	C16H34	000544-76-3	64
5	Tridecane, 6-methyl-		198	C14H30	013287-21-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121827.D
Acq On : 5 Oct 2020 20:20
Operator : JU/CG
Sample : L4247-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-19(4-5)

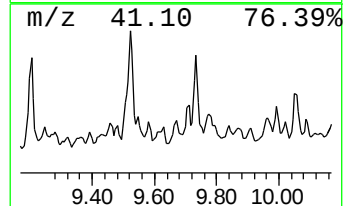
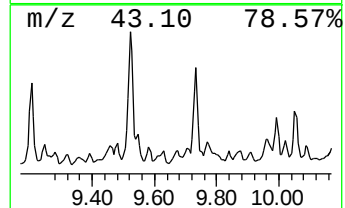
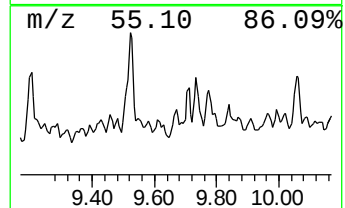
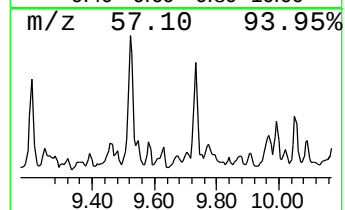
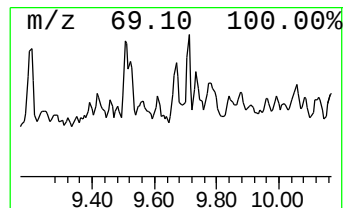
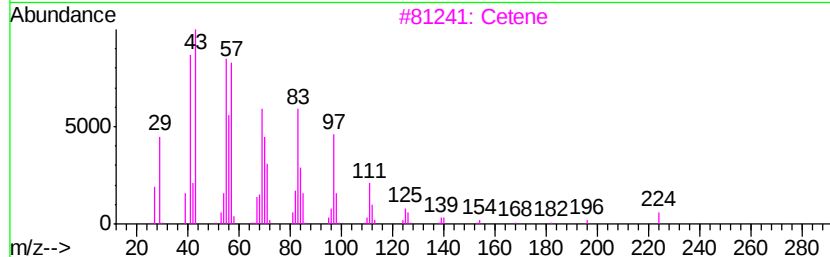
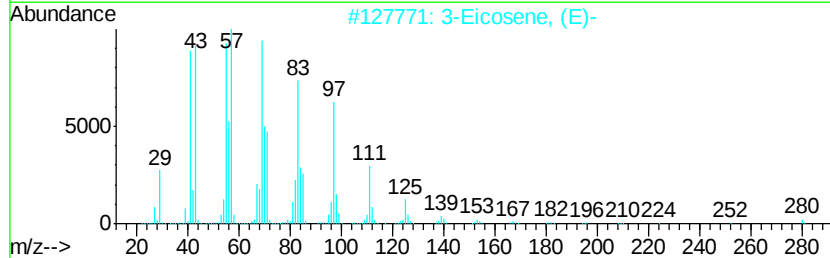
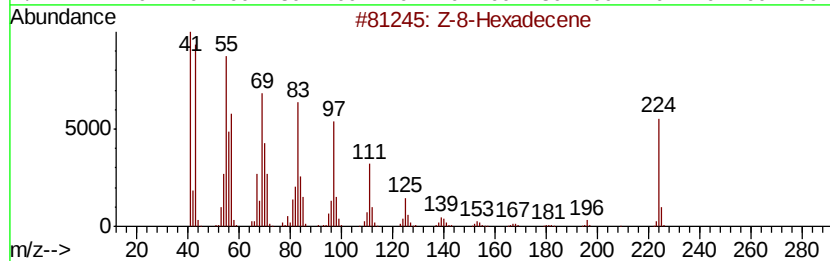
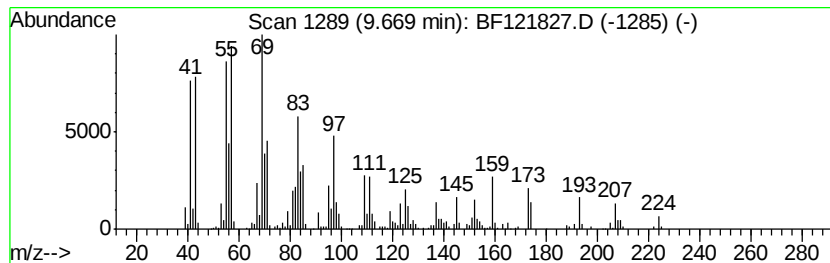
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Z-8-Hexadecene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	11.40 ng	516367	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Z-8-Hexadecene	224	C16H32	1000130-87-5	92
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	64
3		Cetene	224	C16H32	000629-73-2	60
4		Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	53
5		1-Undecene, 7-methyl-	168	C12H24	074630-42-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121827.D
Acq On : 5 Oct 2020 20:20
Operator : JU/CG
Sample : L4247-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-19(4-5)

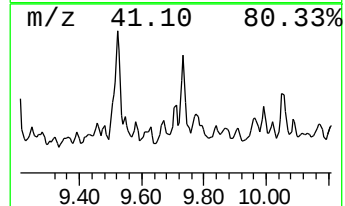
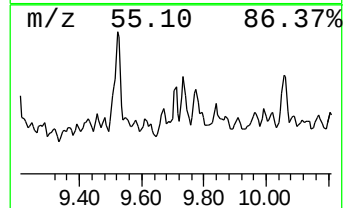
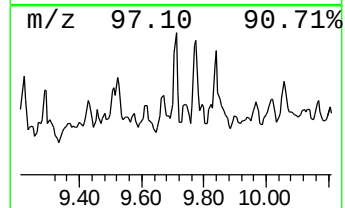
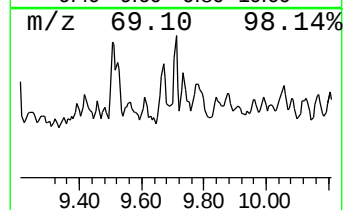
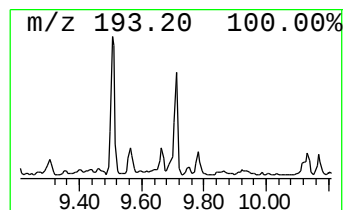
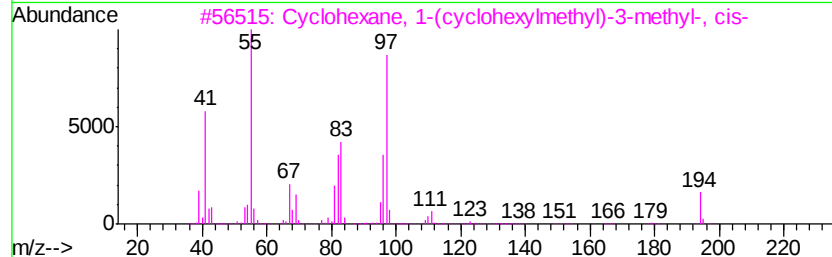
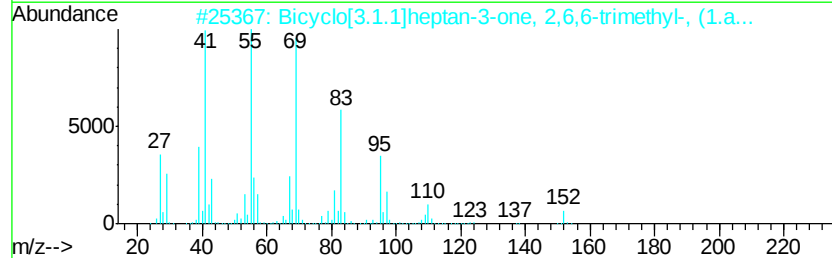
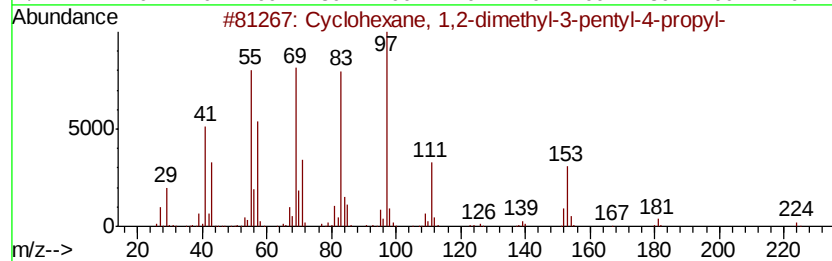
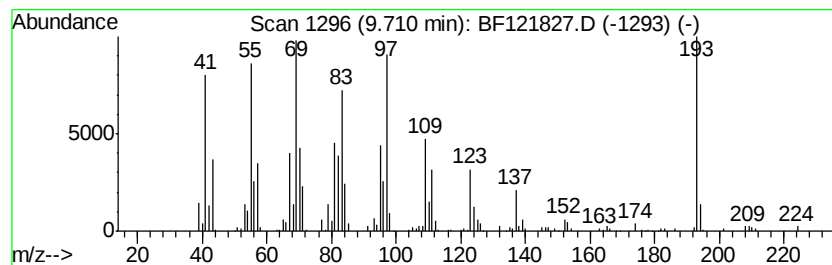
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.71 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	7.12 ng	322731	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	46
2		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	25
3		Cyclohexane, 1-(cyclohexylmethyl)...	194	C14H26	054823-96-0	18
4		Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	11
5		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121827.D
Acq On : 5 Oct 2020 20:20
Operator : JU/CG
Sample : L4247-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
B-19(4-5)

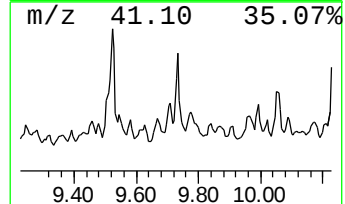
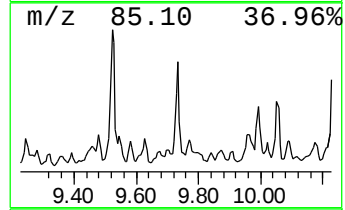
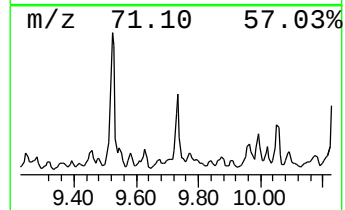
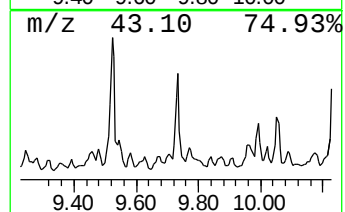
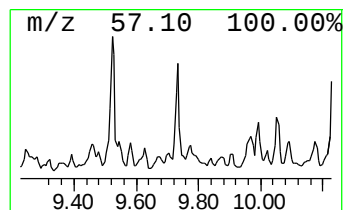
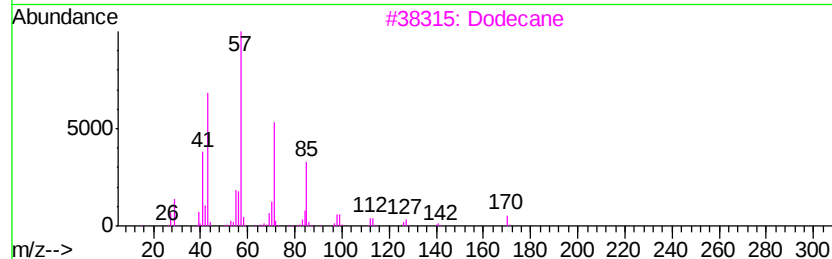
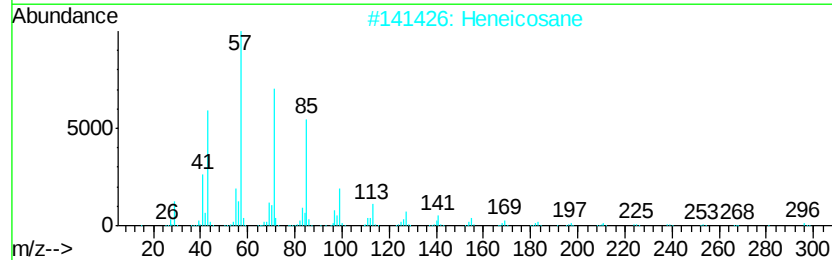
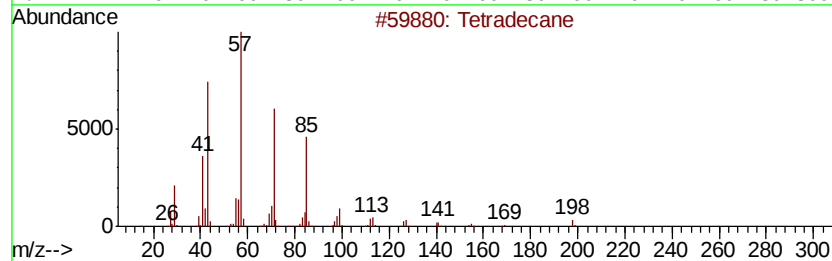
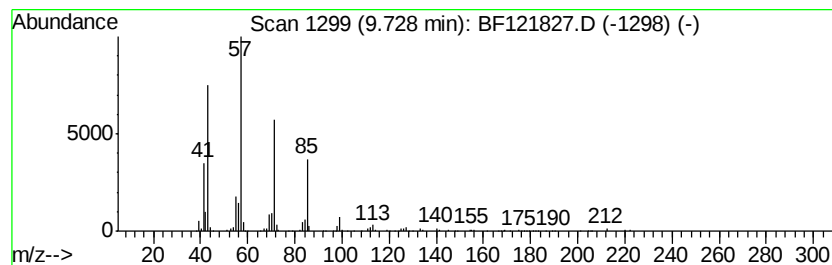
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	13.46 ng	609607	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Heneicosane	296	C21H44	000629-94-7	83
3		Dodecane	170	C12H26	000112-40-3	81
4		Nonadecane	268	C19H40	000629-92-5	80
5		9-methylheptadecane	254	C18H38	026741-18-4	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121827.D
Acq On : 5 Oct 2020 20:20
Operator : JU/CG
Sample : L4247-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-19(4-5)

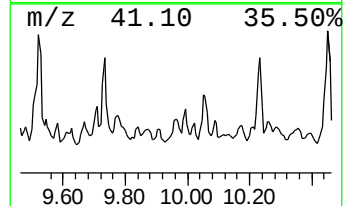
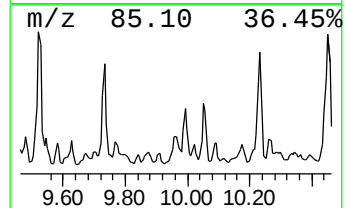
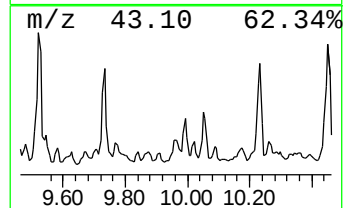
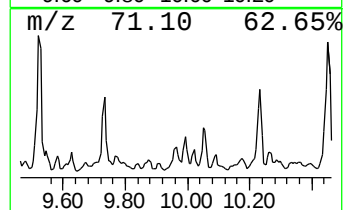
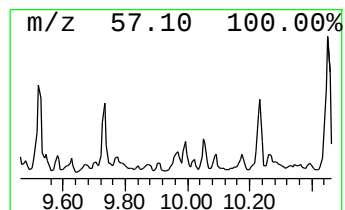
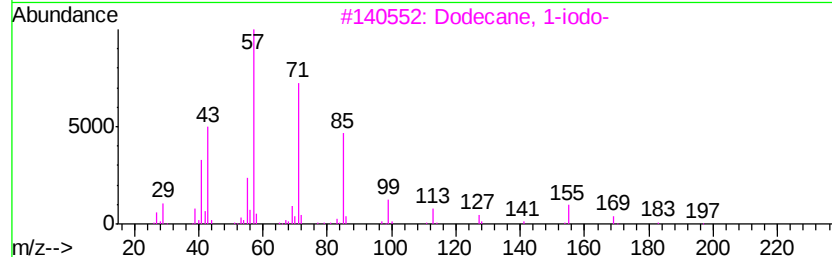
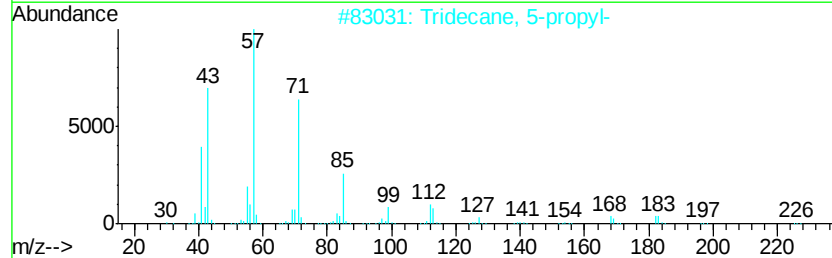
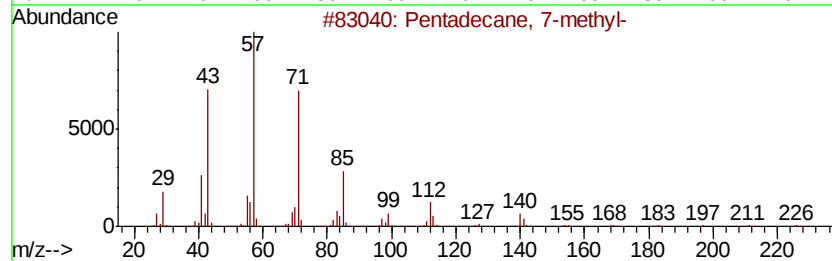
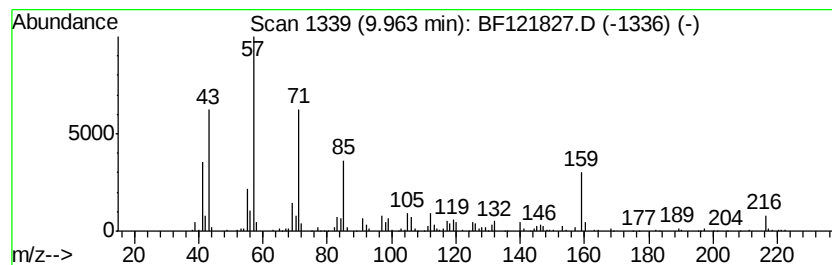
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane, 7-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	9.04 ng	409718	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	58
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	50
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49
4		Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	49
5		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121827.D
Acq On : 5 Oct 2020 20:20
Operator : JU/CG
Sample : L4247-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-19(4-5)

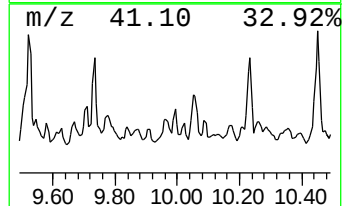
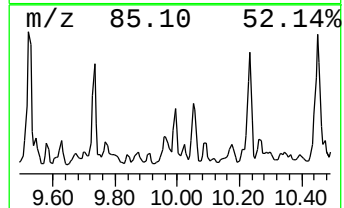
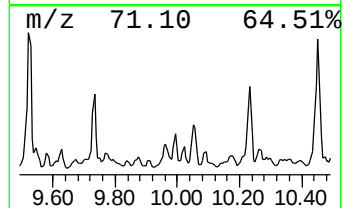
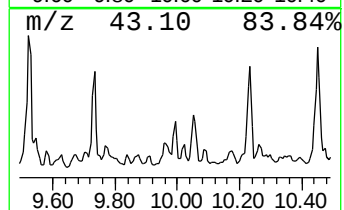
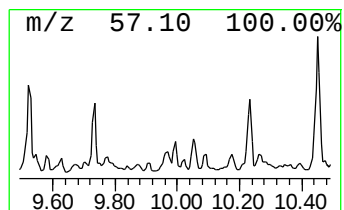
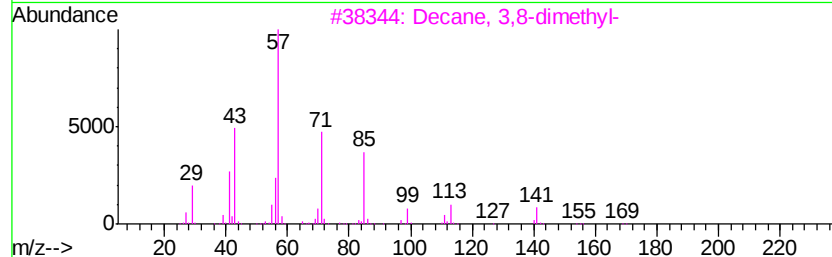
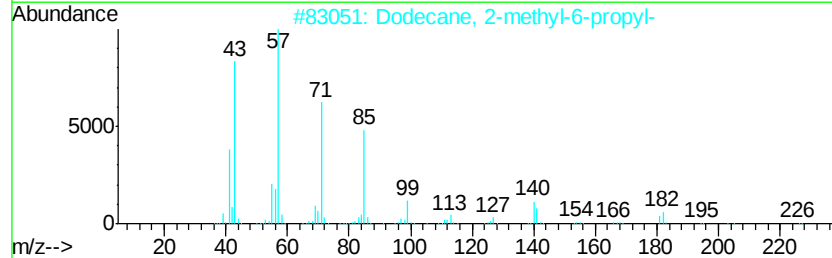
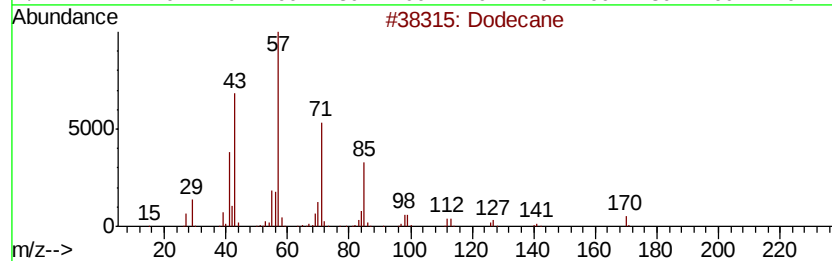
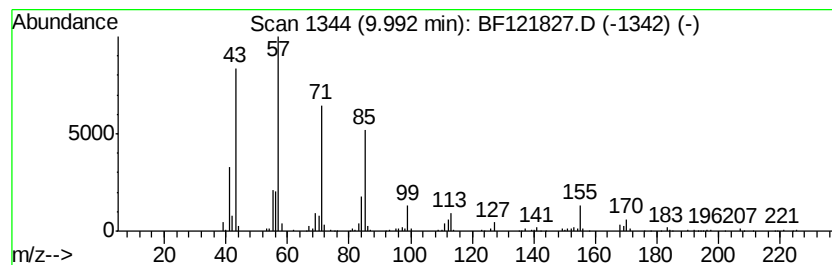
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	8.46 ng	383236	Acenaphthene-d10	9.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	81
2	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	80
3	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	72
4	Hexadecane		226	C16H34	000544-76-3	64
5	Decane, 2,4-dimethyl-		170	C12H26	002801-84-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121827.D
Acq On : 5 Oct 2020 20:20
Operator : JU/CG
Sample : L4247-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-19(4-5)

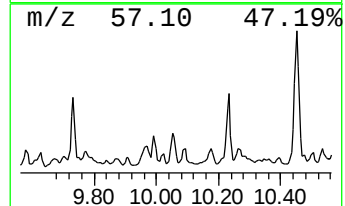
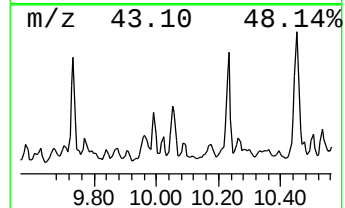
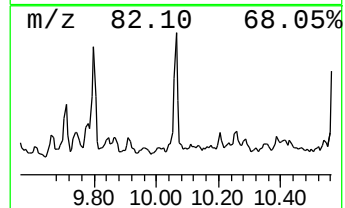
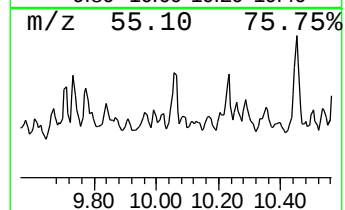
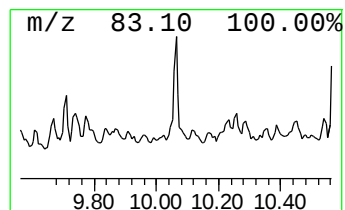
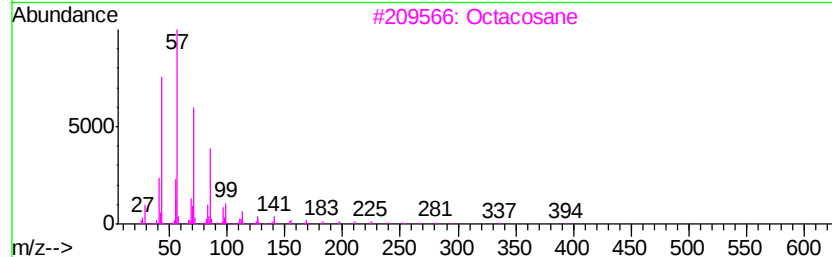
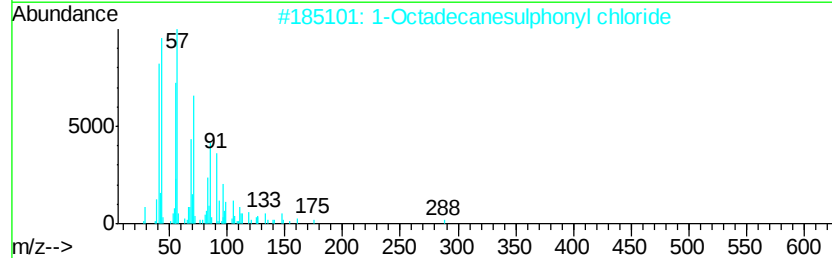
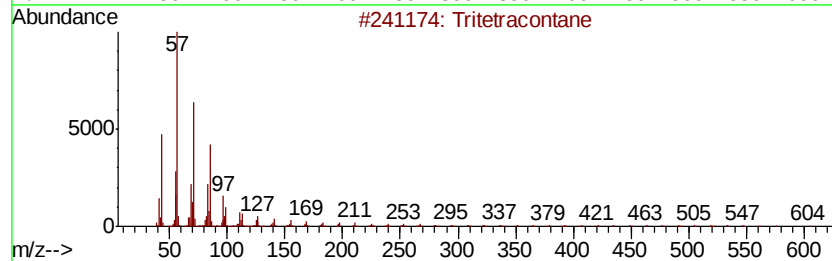
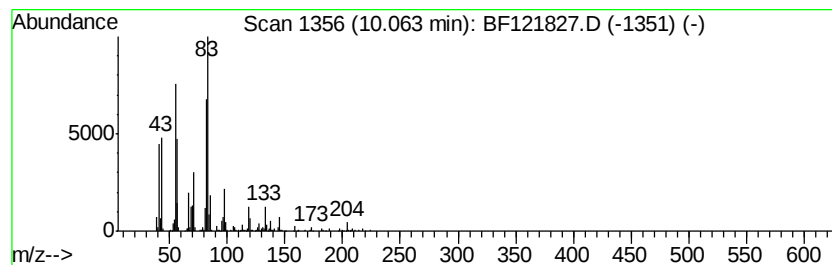
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tritetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	13.20 ng	598088	Acenaphthene-d10	9.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tritetracontane	605	C43H88	007098-21-7	64
2		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	64
3		Octacosane	394	C28H58	000630-02-4	58
4		Tetratetracontane	619	C44H90	007098-22-8	58
5		Tetracosane	338	C24H50	000646-31-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121827.D
Acq On : 5 Oct 2020 20:20
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Sample : L4247-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

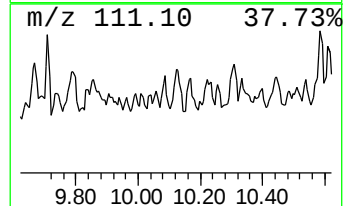
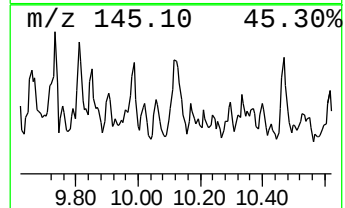
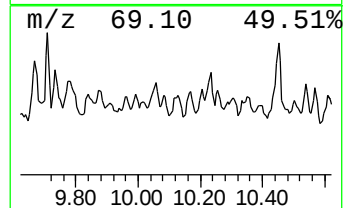
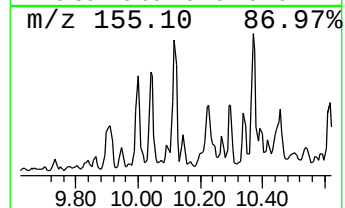
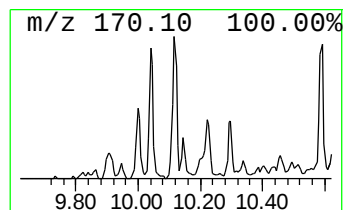
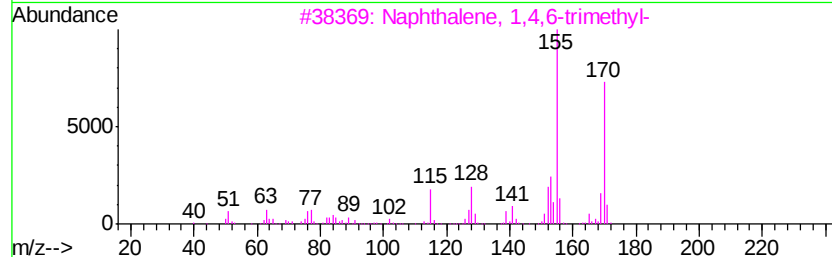
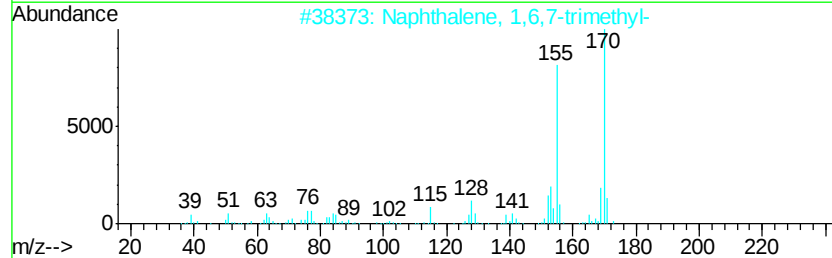
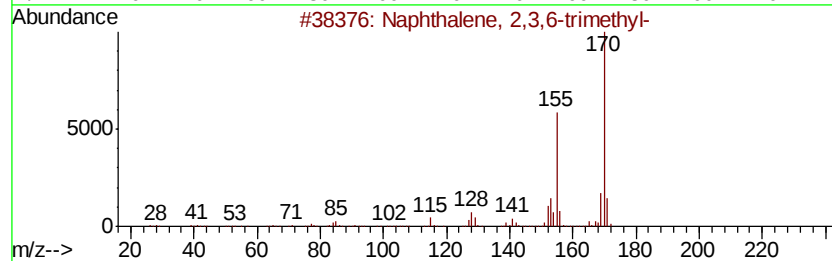
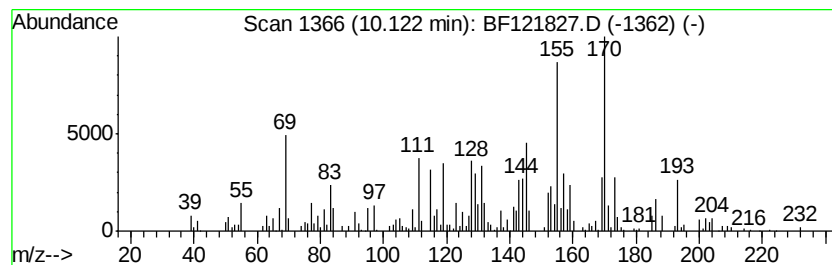
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ClientSampleId :
B-19(4-5)

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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 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.12	6.52 ng	295556	Acenaphthene-d10	9.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121827.D
Acq On : 5 Oct 2020 20:20
Operator : JU/CG
Sample : L4247-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-19(4-5)

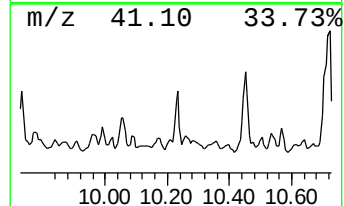
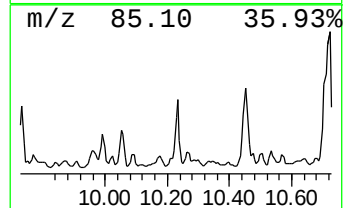
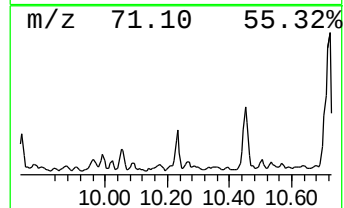
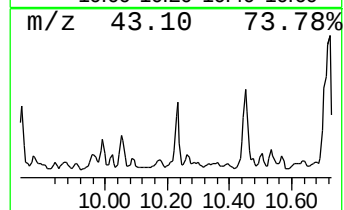
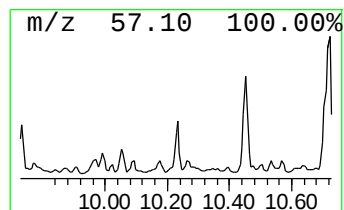
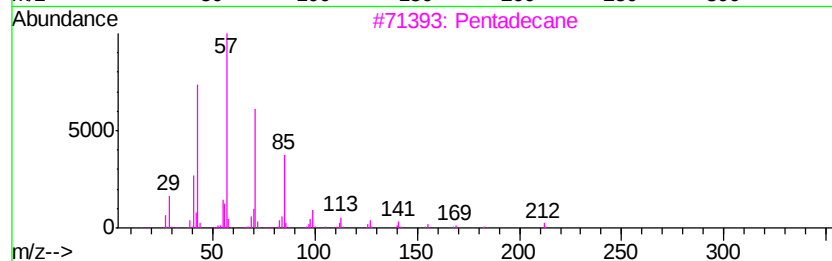
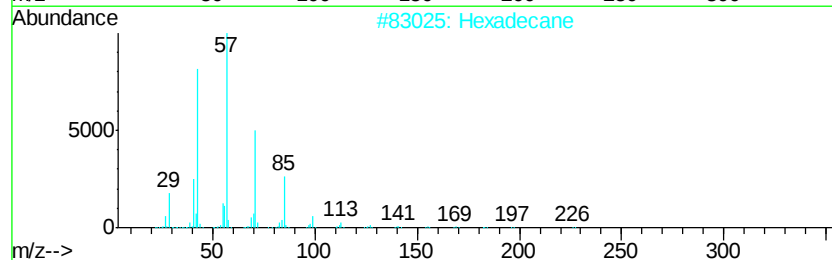
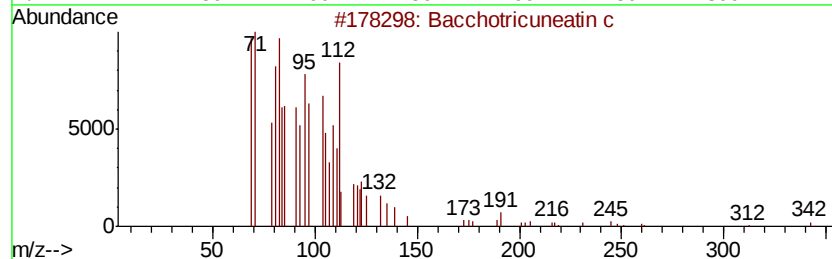
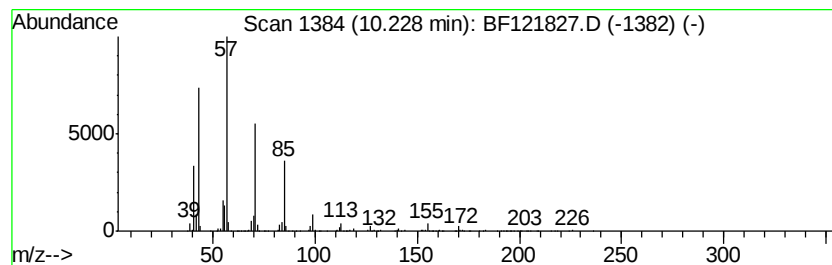
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Bacchotricuneatin c Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	14.45 ng	654638	Acenaphthene-d10	9.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	98
2		Hexadecane	226	C16H34	000544-76-3	97
3		Pentadecane	212	C15H32	000629-62-9	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
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Sample : L4247-06
Misc :
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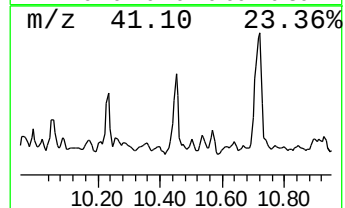
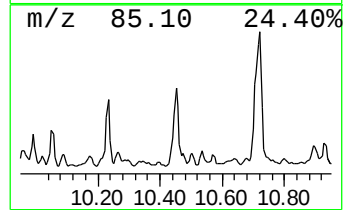
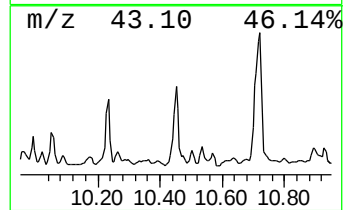
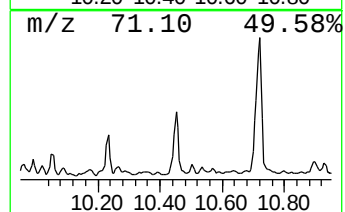
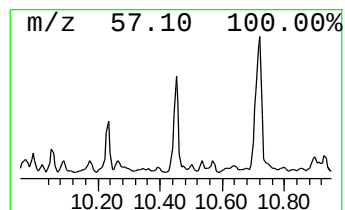
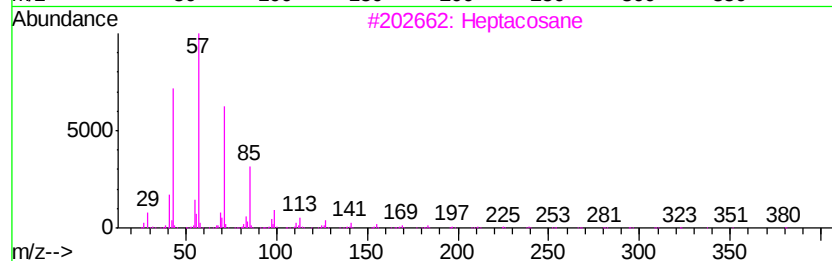
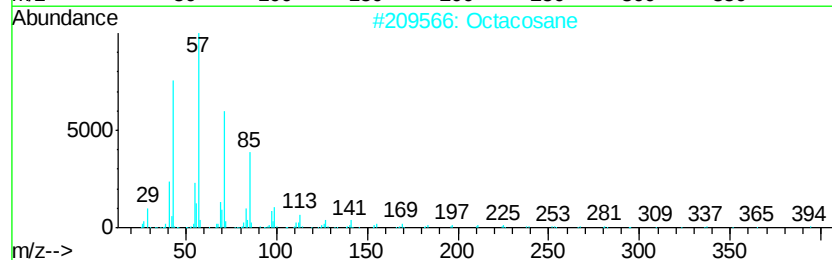
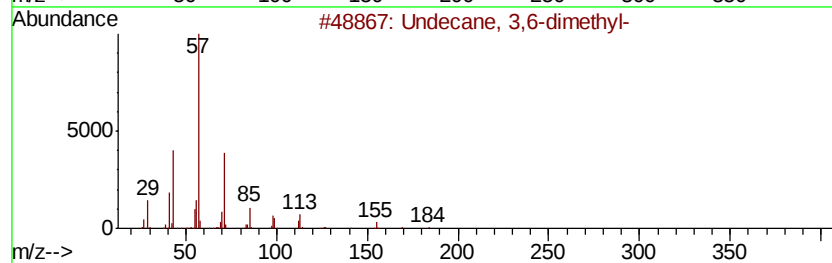
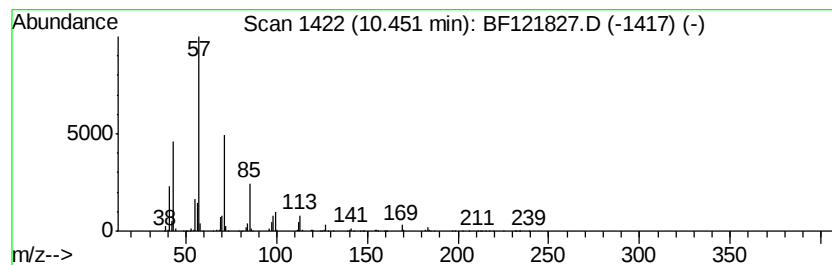
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane, 3,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	34.89 ng	1580760	Acenaphthene-d10	9.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 3,6-dimethyl-	184 C13H28	017301-28-9	87
2	Octacosane	394 C28H58	000630-02-4	80
3	Heptacosane	380 C27H56	000593-49-7	80
4	Tetracosane	338 C24H50	000646-31-1	80
5	Undecane, 5-ethyl-	184 C13H28	017453-94-0	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121827.D
Acq On : 5 Oct 2020 20:20
Operator : JU/CG
Sample : L4247-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

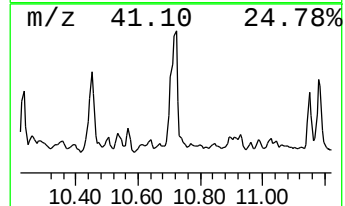
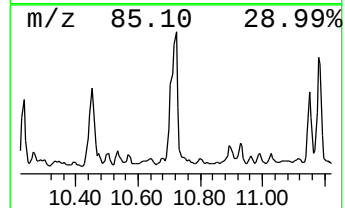
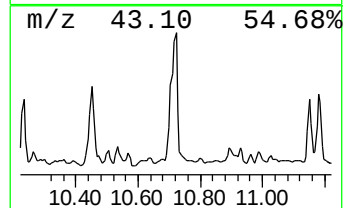
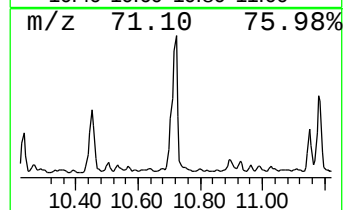
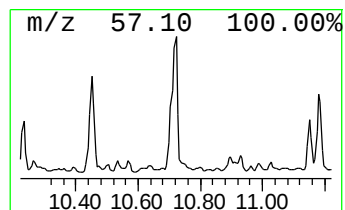
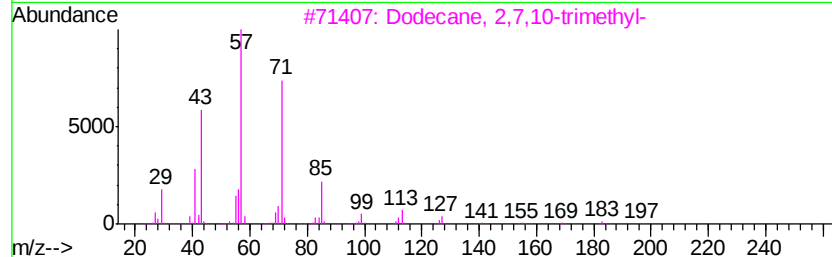
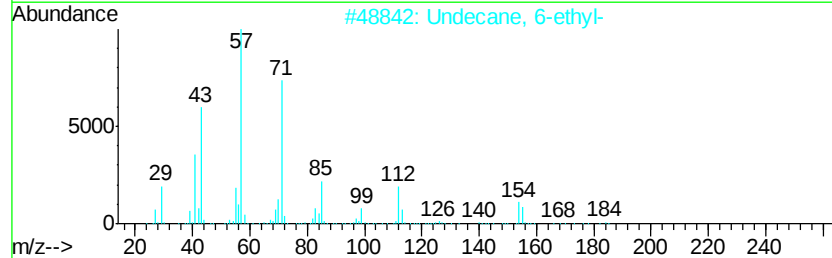
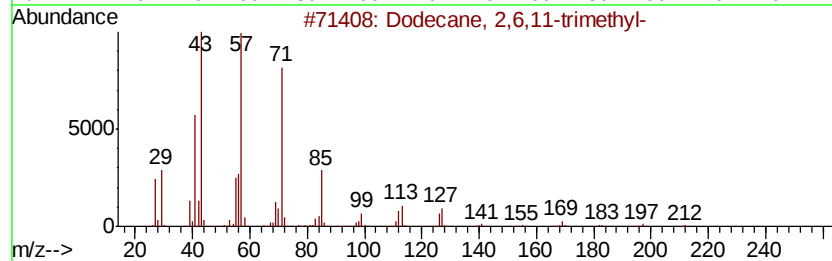
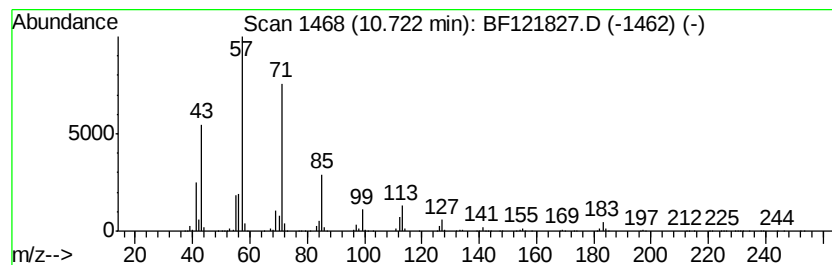
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dodecane, 2,6,11-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.72	71.49 ng	3195010	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	95
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	90
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121827.D
Acq On : 5 Oct 2020 20:20
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
B-19(4-5)

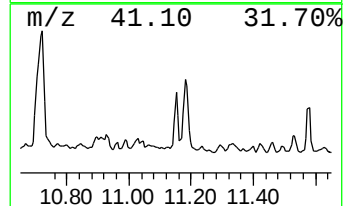
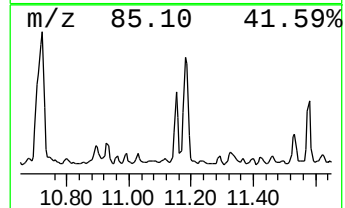
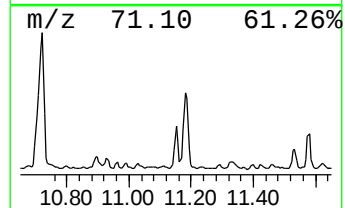
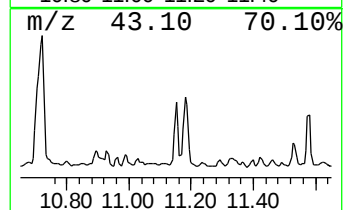
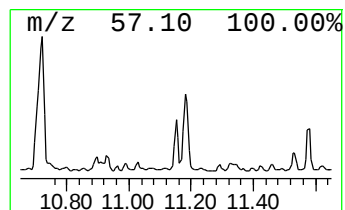
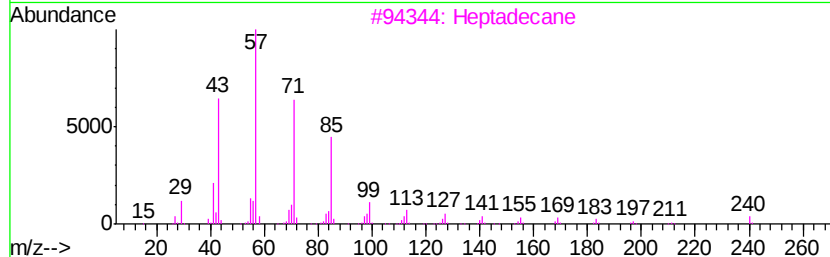
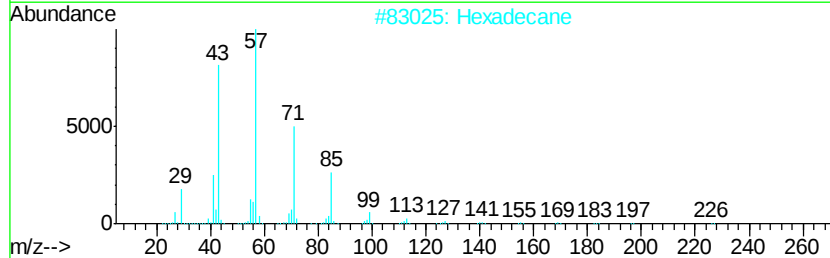
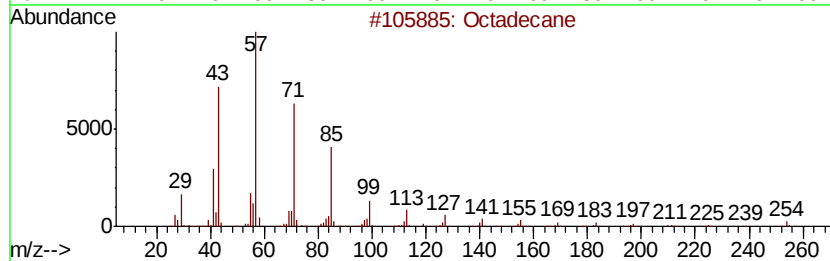
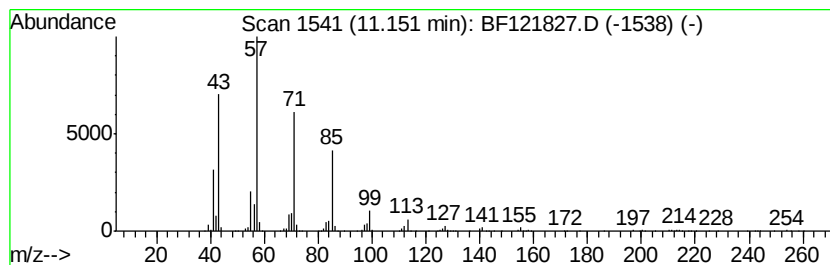
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	14.88 ng	664953	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5		Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121827.D
Acq On : 5 Oct 2020 20:20
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-19(4-5)

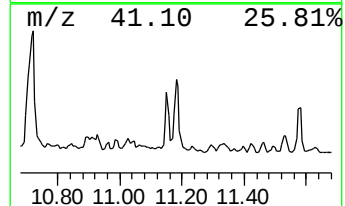
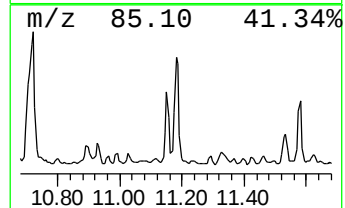
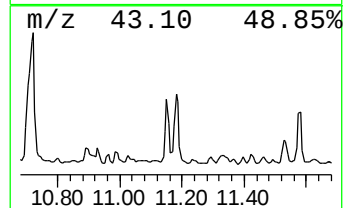
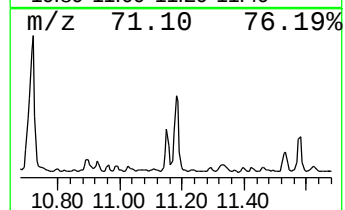
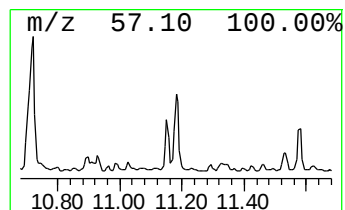
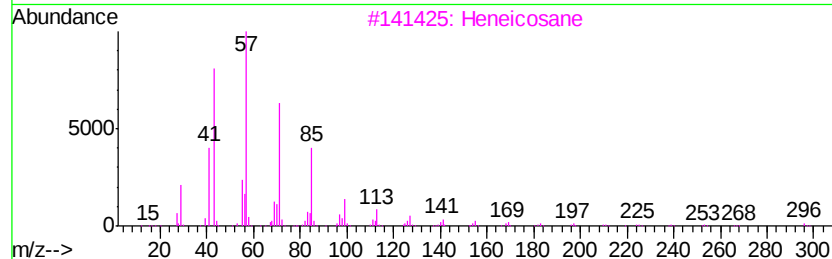
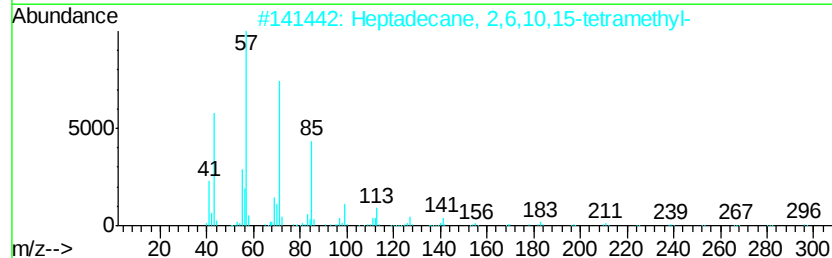
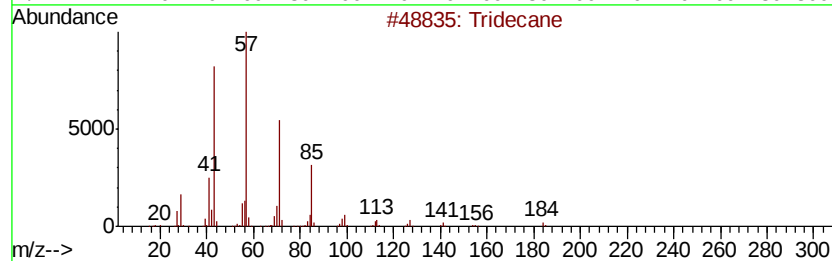
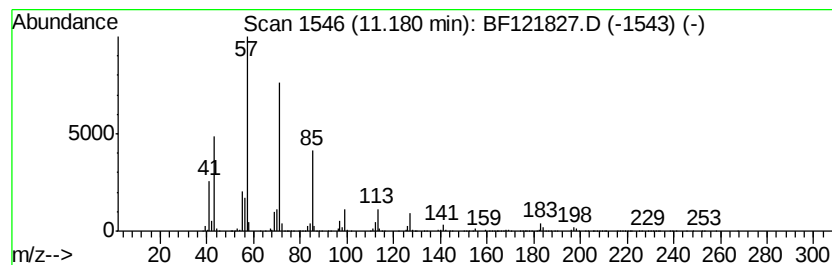
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	34.81 ng	1555600	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121827.D
Acq On : 5 Oct 2020 20:20
Operator : JU/CG
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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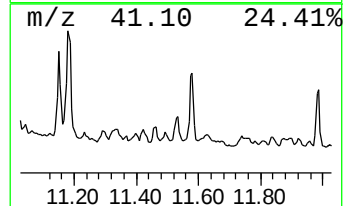
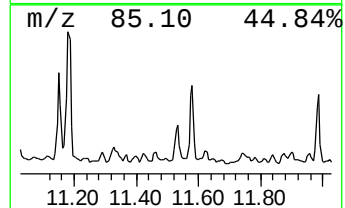
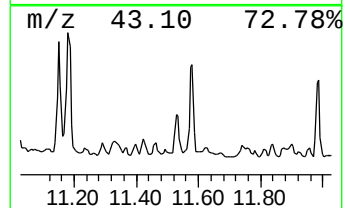
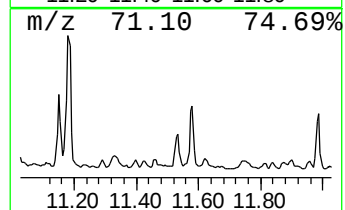
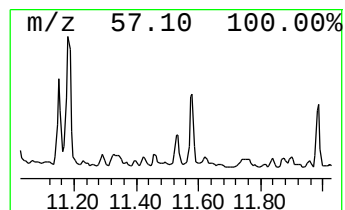
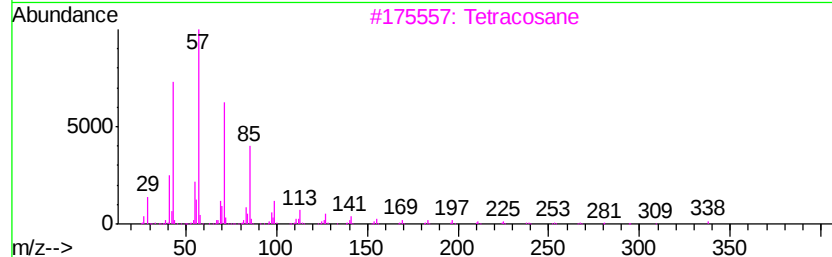
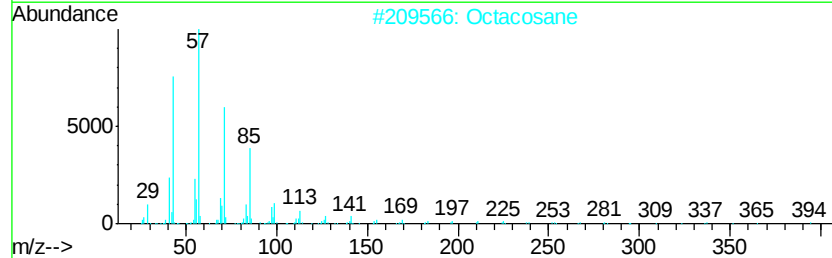
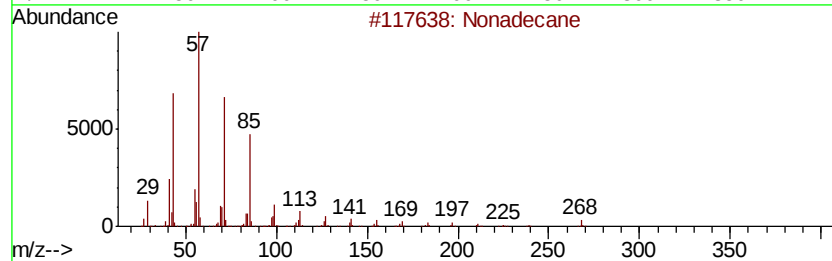
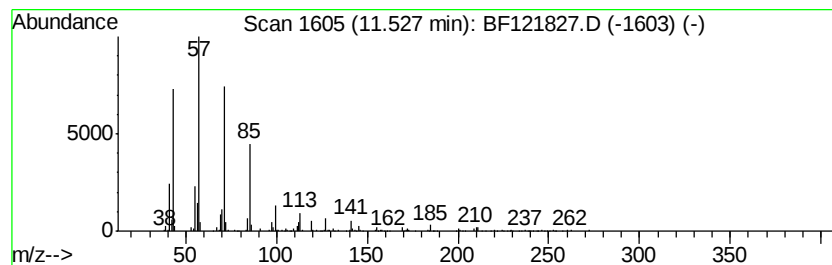
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	8.60 ng	384403	Phenanthrene-d10	11.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Octacosane	394	C28H58	000630-02-4	90
3			Tetracosane	338	C24H50	000646-31-1	90
4			Pentadecane	212	C15H32	000629-62-9	86
5			Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121827.D
Acq On : 5 Oct 2020 20:20
Operator : JU/CG
Sample : L4247-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-19(4-5)

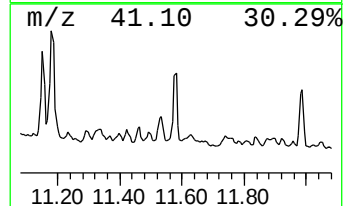
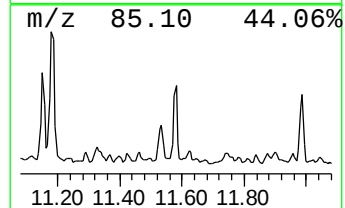
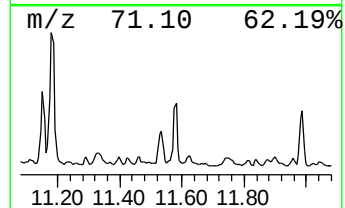
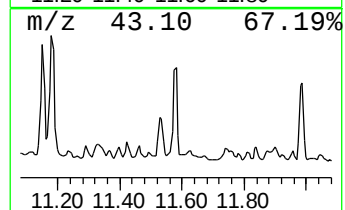
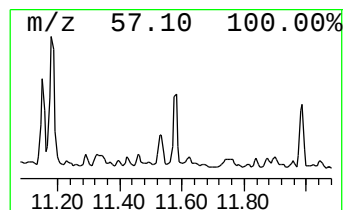
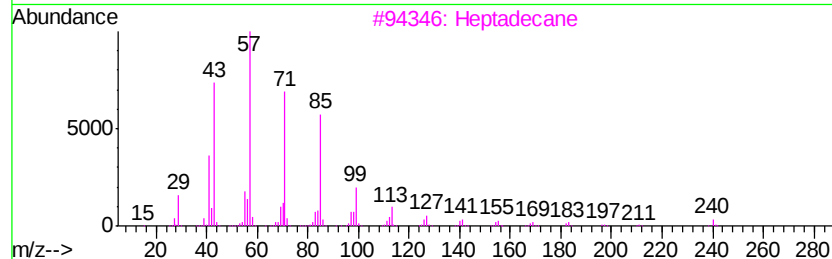
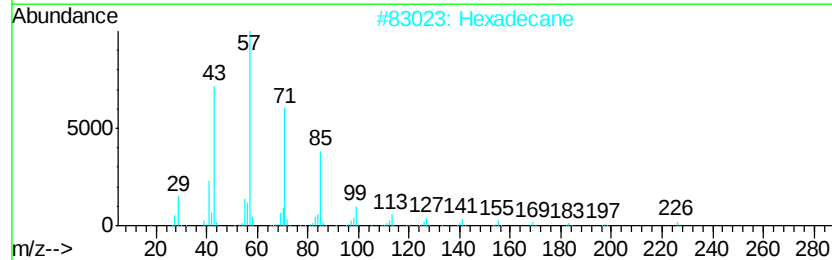
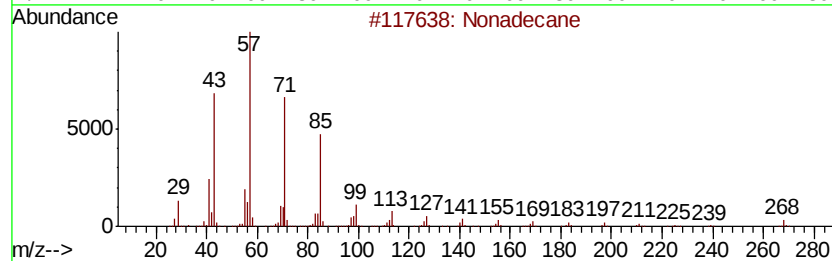
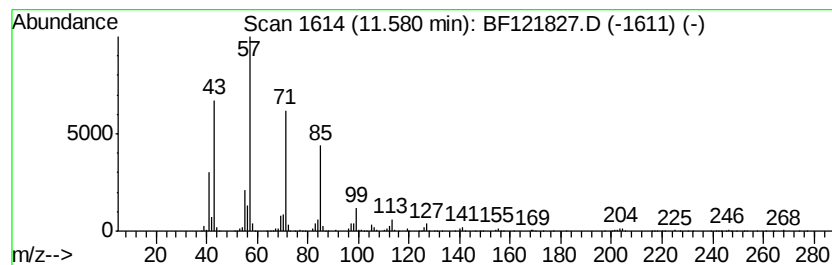
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	14.08 ng	629302	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	97
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121827.D
Acq On : 5 Oct 2020 20:20
Operator : JU/CG
Sample : L4247-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-19(4-5)

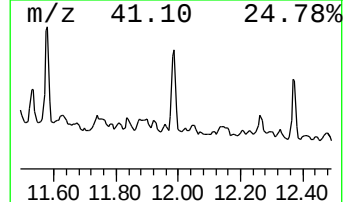
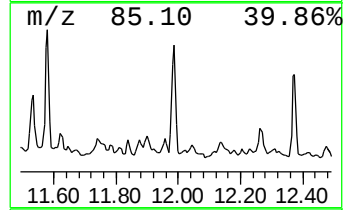
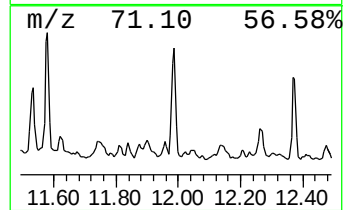
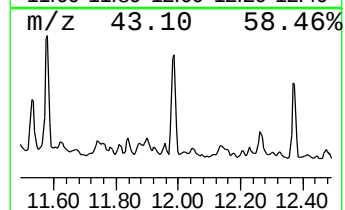
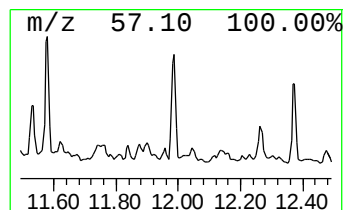
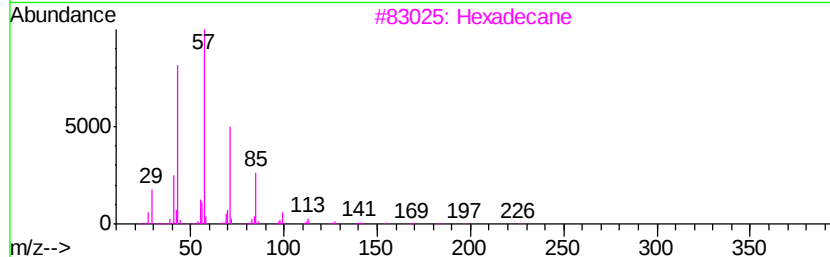
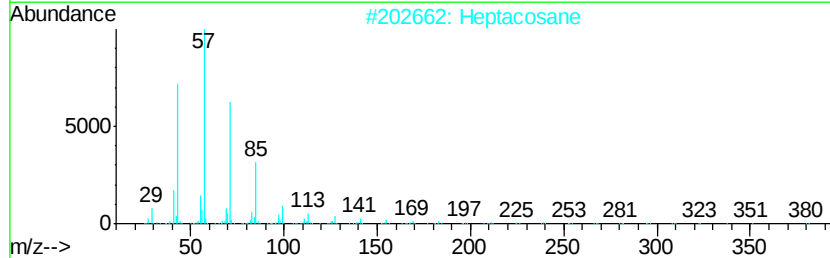
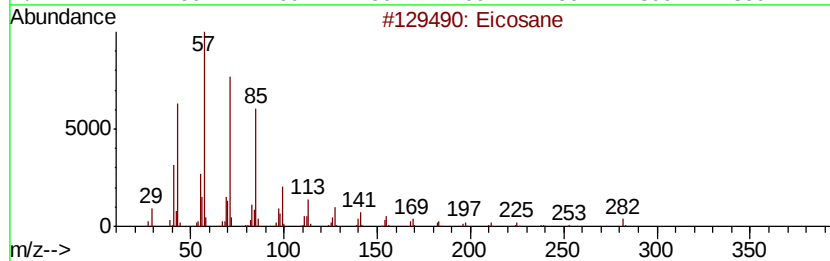
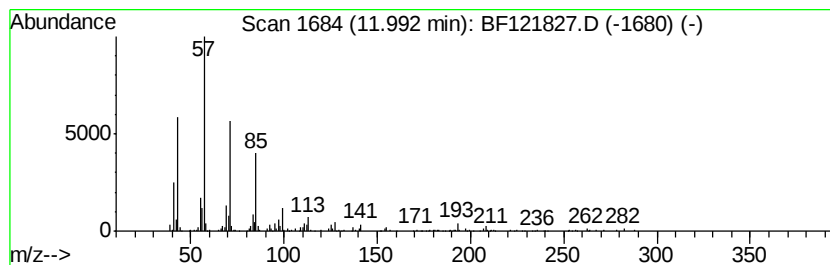
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	12.46 ng	556886	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heptacosane	380	C27H56	000593-49-7	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121827.D
Acq On : 5 Oct 2020 20:20
Operator : JU/CG
Sample : L4247-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-19(4-5)

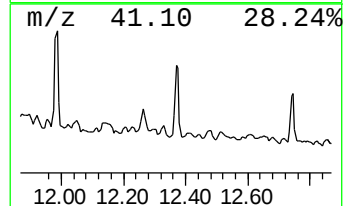
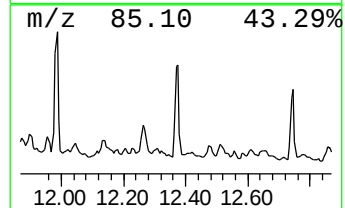
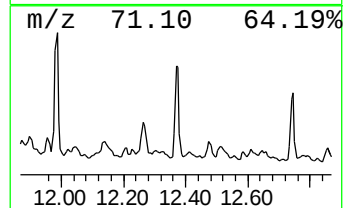
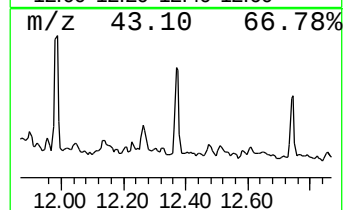
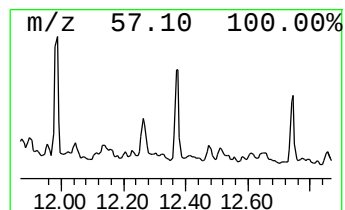
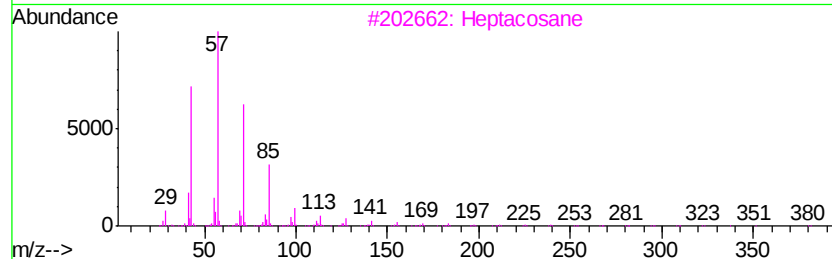
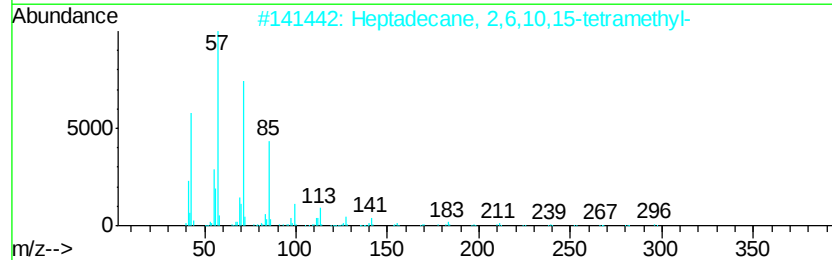
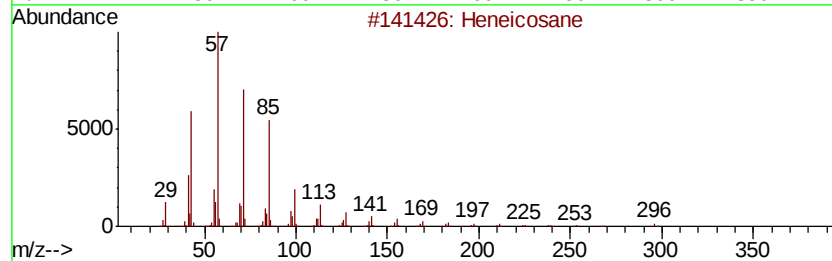
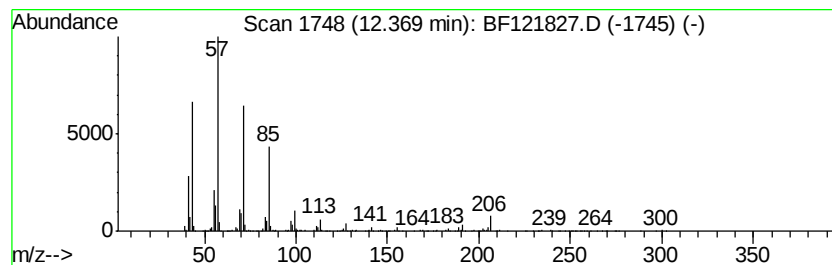
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	11.05 ng	493675	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
3		Heptacosane	380	C27H56	000593-49-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121827.D
Acq On : 5 Oct 2020 20:20
Operator : JU/CG
Sample : L4247-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-19(4-5)

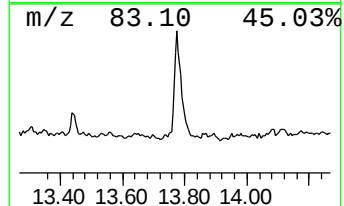
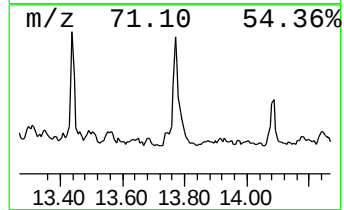
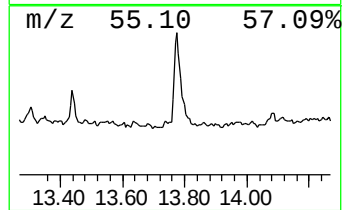
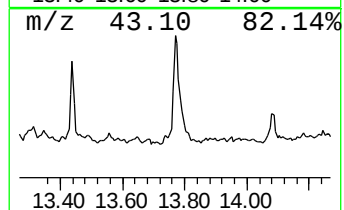
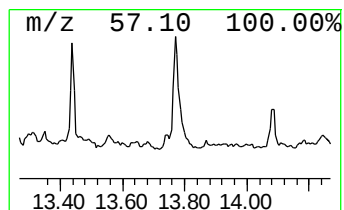
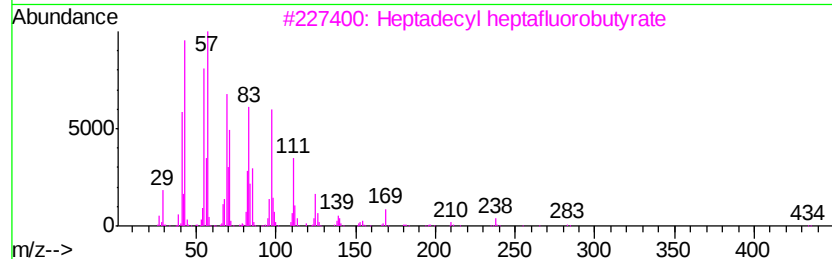
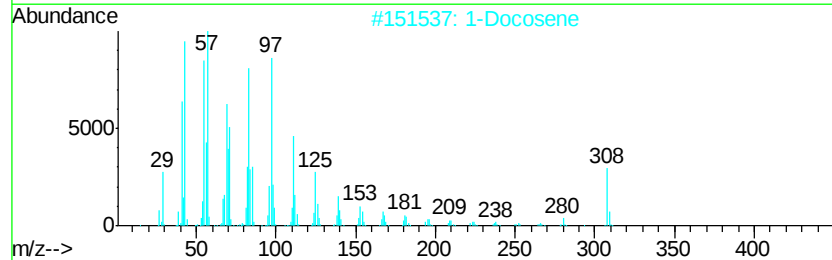
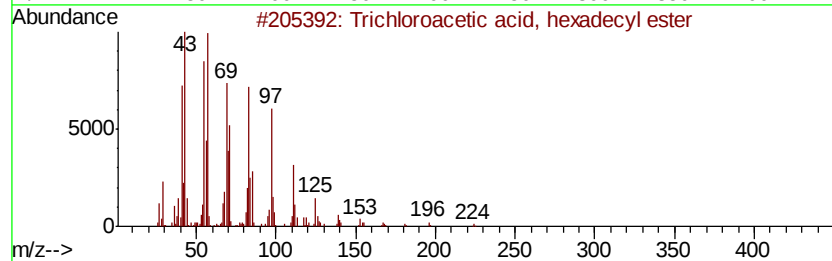
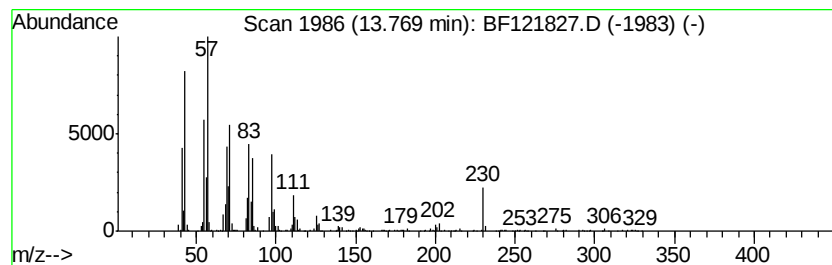
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Trichloroacetic acid, hexad... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	12.13 ng	535283	Chrysene-d12	13.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		1-Docosene	308	C22H44	001599-67-3	94
3		Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	94
4		Octacosanol	410	C28H58O	000557-61-9	91
5		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100520\
 Data File : BF121827.D
 Acq On : 5 Oct 2020 20:20
 Operator : JU/CG
 Sample : L4247-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-19(4-5)

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
Decane, 2,6,7-tri...	8.47	9.4	ng	500840	2	8.05	1067750	20.0
Dodecane, 2,6,10-...	9.07	17.1	ng	773290	3	9.80	906059	20.0
Nonadecane	9.20	21.7	ng	982441	3	9.80	906059	20.0
Z-8-Hexadecene	9.67	11.4	ng	516367	3	9.80	906059	20.0
unknown9.71	9.71	7.1	ng	322731	3	9.80	906059	20.0
Tetradecane	9.73	13.5	ng	609607	3	9.80	906059	20.0
Pentadecane, 7-me...	9.96	9.0	ng	409718	3	9.80	906059	20.0
Dodecane	9.99	8.5	ng	383236	3	9.80	906059	20.0
Tritetracontane	10.06	13.2	ng	598088	3	9.80	906059	20.0
Naphthalene, 2,3,...	10.12	6.5	ng	295556	3	9.80	906059	20.0
Bacchotricuneatin c	10.23	14.4	ng	654638	3	9.80	906059	20.0
Undecane, 3,6-dim...	10.45	34.9	ng	1580760	3	9.80	906059	20.0
Dodecane, 2,6,11-...	10.72	71.5	ng	3195010	4	11.29	893804	20.0
Octadecane	11.15	14.9	ng	664953	4	11.29	893804	20.0
Tridecane	11.18	34.8	ng	1555600	4	11.29	893804	20.0
Octacosane	11.53	8.6	ng	384403	4	11.29	893804	20.0
Hexadecane	11.58	14.1	ng	629302	4	11.29	893804	20.0
Eicosane	11.99	12.5	ng	556886	4	11.29	893804	20.0
Heneicosane	12.37	11.1	ng	493675	4	11.29	893804	20.0
Trichloroacetic a...	13.77	12.1	ng	535283	5	13.92	882753	20.0