

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114463.D
 Acq On : 21 May 2019 18:30
 Operator : JU/SJ
 Sample : K2913-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17

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-BF051019.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	5.457	570	573	594	rBV	2724978	3146857	56.32%	3.375%
2	6.469	742	745	759	rBV	2035082	2319183	41.51%	2.487%
3	6.604	764	768	775	rVB	5040118	4609994	82.51%	4.944%
4	6.828	803	806	813	rVB	1396207	1203499	21.54%	1.291%
5	6.987	829	833	836	rBV	4331312	3832229	68.59%	4.110%
6	7.351	891	895	896	rBV3	101318	113389	2.03%	0.122%
7	7.392	898	902	911	rVV	3468120	3545589	63.46%	3.802%
8	7.469	911	915	919	rVB4	150255	250674	4.49%	0.269%
9	7.516	919	923	928	rBV5	90162	204991	3.67%	0.220%
10	7.604	936	938	941	rBV2	133091	139288	2.49%	0.149%
11	7.634	941	943	946	rVB	259792	200031	3.58%	0.215%
12	7.710	952	956	958	rBV3	120191	171583	3.07%	0.184%
13	7.751	961	963	967	rVB4	291595	266765	4.77%	0.286%
14	7.934	990	994	1000	rBV3	158361	283617	5.08%	0.304%
15	7.992	1000	1004	1006	rVV2	140659	190816	3.42%	0.205%
16	8.051	1012	1014	1017	rVV2	142098	178788	3.20%	0.192%
17	8.110	1019	1024	1030	rVV	1672222	2314185	41.42%	2.482%
18	8.157	1030	1032	1033	rVV	349939	302551	5.42%	0.324%
19	8.175	1033	1035	1037	rVB	432644	328452	5.88%	0.352%
20	8.204	1037	1040	1042	rBV4	197375	219294	3.92%	0.235%
21	8.228	1042	1044	1048	rVB3	371255	354855	6.35%	0.381%
22	8.269	1048	1051	1053	rBV	209013	228602	4.09%	0.245%
23	8.316	1056	1059	1061	rBV2	256808	248547	4.45%	0.267%
24	8.404	1066	1074	1077	rBV7	536579	808260	14.47%	0.867%
25	8.433	1077	1079	1081	rBV2	151317	127495	2.28%	0.137%
26	8.463	1081	1084	1086	rBV3	159404	141563	2.53%	0.152%
27	8.498	1086	1090	1093	rVB2	475455	437540	7.83%	0.469%
28	8.533	1093	1096	1098	rBV	1225359	1078472	19.30%	1.157%
29	8.551	1098	1099	1101	rVV	352586	290967	5.21%	0.312%
30	8.575	1101	1103	1106	rVB2	527154	522306	9.35%	0.560%
31	8.622	1108	1111	1113	rBV3	315014	323545	5.79%	0.347%
32	8.657	1115	1117	1119	rVV	260336	239458	4.29%	0.257%
33	8.704	1122	1125	1128	rBV3	339348	475172	8.50%	0.510%
34	8.745	1129	1132	1134	rVV2	517166	652455	11.68%	0.700%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.798	1138	1141	1145	rVB5	646807	831811	14.89%	0.892%
36	8.828	1145	1146	1148	rBV2	147423	107964	1.93%	0.116%
37	8.863	1149	1152	1154	rVB	401833	326901	5.85%	0.351%
38	8.910	1154	1160	1163	rBV6	430778	973898	17.43%	1.044%
39	8.939	1163	1165	1166	rVV	176102	148561	2.66%	0.159%
40	8.957	1166	1168	1171	rVB3	373539	339246	6.07%	0.364%
41	8.992	1171	1174	1176	rBV3	318835	344965	6.17%	0.370%
42	9.022	1176	1179	1182	rVB4	621104	649465	11.62%	0.697%
43	9.057	1182	1185	1187	rBV2	312796	319751	5.72%	0.343%
44	9.133	1195	1198	1203	rBV	1946737	1799447	32.21%	1.930%
45	9.192	1203	1208	1212	rVB	5179824	5587170	100.00%	5.992%
46	9.275	1218	1222	1225	rBV3	809795	1088385	19.48%	1.167%
47	9.310	1225	1228	1229	rVV2	432358	430582	7.71%	0.462%
48	9.333	1230	1232	1238	rVV4	659465	820728	14.69%	0.880%
49	9.386	1238	1241	1244	rVB4	339209	335522	6.01%	0.360%
50	9.457	1250	1253	1255	rBV3	497826	445835	7.98%	0.478%
51	9.528	1263	1265	1267	rBV2	742585	604522	10.82%	0.648%
52	9.592	1271	1276	1278	rVB2	2788493	3130992	56.04%	3.358%
53	9.616	1278	1280	1282	rBV	313796	277998	4.98%	0.298%
54	9.645	1282	1285	1289	rBV2	572980	566199	10.13%	0.607%
55	9.733	1297	1300	1303	rBV4	847477	1057178	18.92%	1.134%
56	9.780	1303	1308	1311	rVB3	946600	1111322	19.89%	1.192%
57	9.810	1311	1313	1315	rBV2	225531	265051	4.74%	0.284%
58	9.869	1316	1323	1326	rVB3	1738158	2260131	40.45%	2.424%
59	9.904	1326	1329	1331	rBV2	771202	650870	11.65%	0.698%
60	9.933	1332	1334	1338	rVB4	617073	726076	13.00%	0.779%
61	9.975	1338	1341	1345	rBV2	836522	1011123	18.10%	1.084%
62	10.016	1345	1348	1352	rBV5	437963	661854	11.85%	0.710%
63	10.069	1353	1357	1361	rVB2	1260987	1578305	28.25%	1.693%
64	10.116	1361	1365	1373	rVB3	1492502	2474091	44.28%	2.653%
65	10.186	1374	1377	1380	rBV	1426594	1493055	26.72%	1.601%
66	10.216	1380	1382	1384	rVB	611730	381110	6.82%	0.409%
67	10.239	1384	1386	1389	rVB3	535034	474433	8.49%	0.509%
68	10.275	1389	1392	1394	rBV2	993187	1253240	22.43%	1.344%
69	10.357	1403	1406	1410	rVB5	420419	649053	11.62%	0.696%
70	10.410	1410	1415	1418	rBV4	663496	1225953	21.94%	1.315%
71	10.480	1425	1427	1429	rVB2	670013	496931	8.89%	0.533%

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72	10.522	1429	1434	1438	rVV2	1643310	2499386	44.73%	2.680%
73	10.563	1439	1441	1443	rVV2	477276	458983	8.21%	0.492%
74	10.633	1447	1453	1455	rBV4	627368	1095593	19.61%	1.175%
75	10.663	1455	1458	1461	rVV3	3177485	3302786	59.11%	3.542%
76	10.692	1461	1463	1468	rVB2	798628	965444	17.28%	1.035%
77	10.780	1475	1478	1485	rVB	2713402	2948779	52.78%	3.162%
78	10.857	1488	1491	1494	rBV2	716955	657060	11.76%	0.705%
79	10.992	1511	1514	1518	rBV4	1204508	1267743	22.69%	1.360%
80	11.080	1526	1529	1530	rBV3	295388	336423	6.02%	0.361%
81	11.104	1530	1533	1534	rBV3	422704	471924	8.45%	0.506%
82	11.163	1540	1543	1546	rBV4	325831	320265	5.73%	0.343%
83	11.245	1554	1557	1563	rVB3	1238512	1613552	28.88%	1.730%
84	11.357	1573	1576	1578	rBV	1665462	1433174	25.65%	1.537%
85	11.380	1578	1580	1582	rVB	237975	187670	3.36%	0.201%
86	11.469	1592	1595	1598	rBV2	532508	589845	10.56%	0.633%
87	11.592	1613	1616	1619	rBV3	591950	621935	11.13%	0.667%
88	11.857	1658	1661	1663	rBV	230763	221965	3.97%	0.238%
89	11.963	1677	1679	1682	rVB4	239368	211702	3.79%	0.227%
90	12.298	1734	1736	1739	rVB	172800	133774	2.39%	0.143%
91	12.327	1739	1741	1745	rVB2	142815	153805	2.75%	0.165%
92	12.404	1751	1754	1757	rBV	282661	264090	4.73%	0.283%
93	12.486	1766	1768	1773	rVB	96550	119438	2.14%	0.128%
94	12.569	1779	1782	1786	rVB	170813	142335	2.55%	0.153%
95	12.816	1822	1824	1827	rVB	119418	111132	1.99%	0.119%
96	12.851	1827	1830	1835	rVB	131014	135779	2.43%	0.146%
97	12.933	1840	1844	1848	rVV	4010901	3941921	70.55%	4.227%
98	13.998	2021	2025	2032	rBV	1133261	1125976	20.15%	1.208%
99	15.462	2269	2274	2282	rBV	814204	1135249	20.32%	1.217%
100	15.880	2343	2345	2356	rVB2	77524	127960	2.29%	0.137%

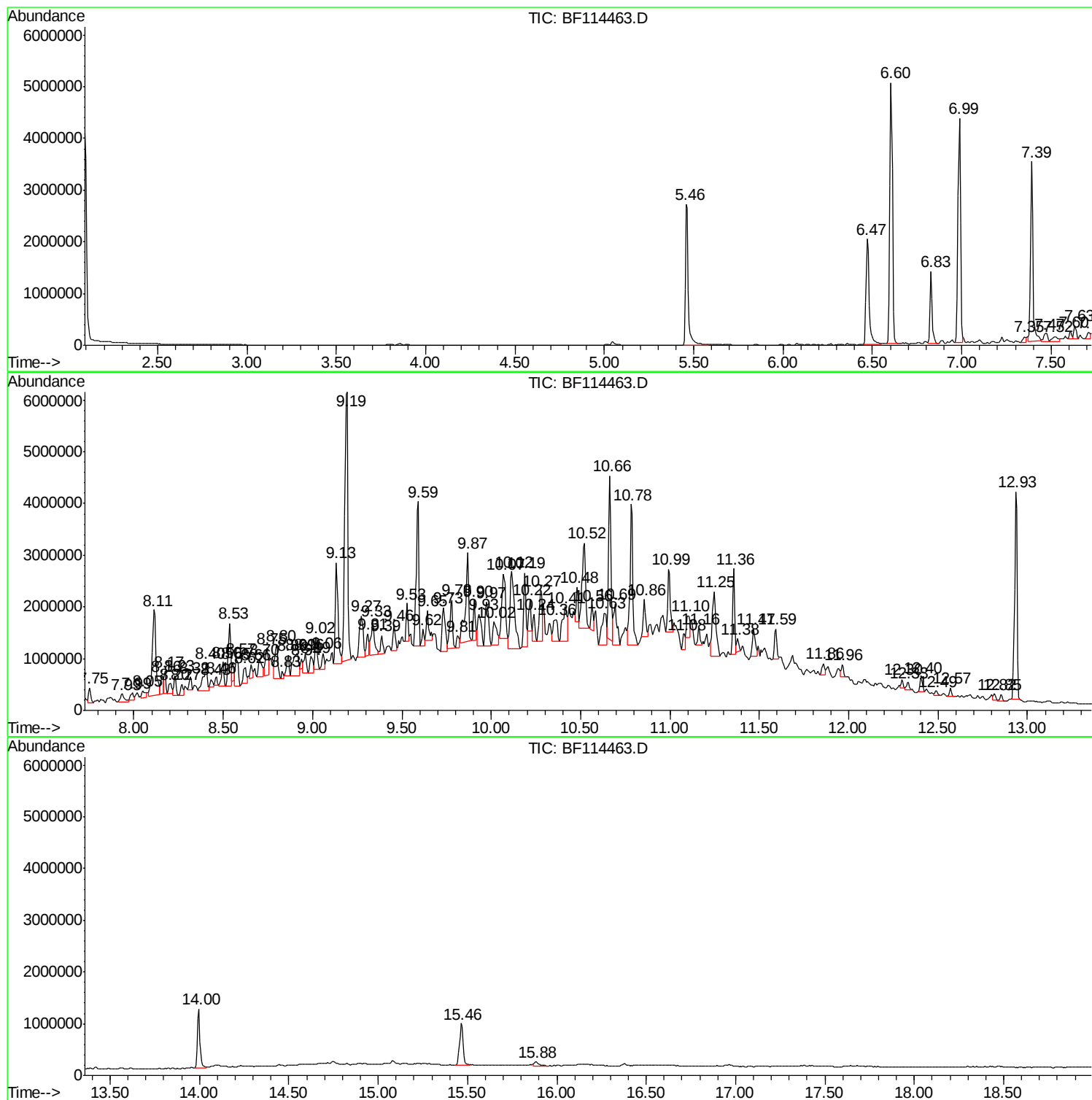
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Instrument :
BNA_F
ClientSampled :
TP-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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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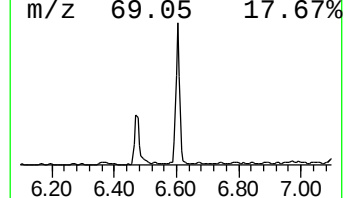
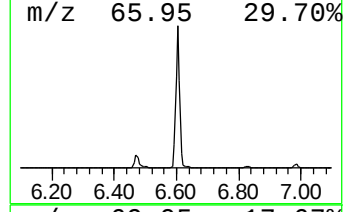
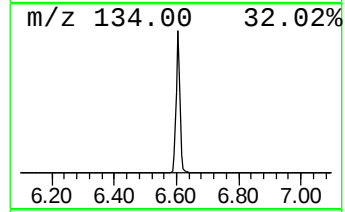
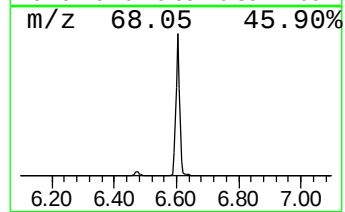
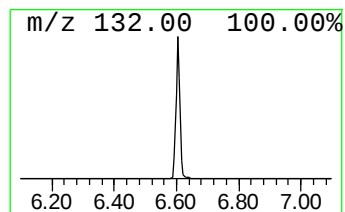
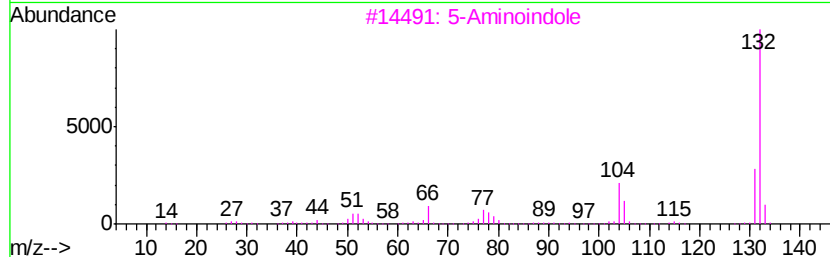
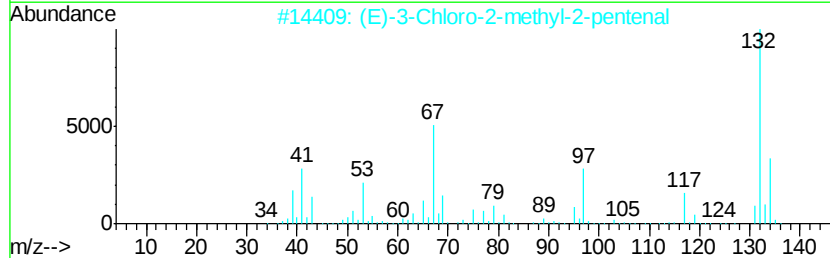
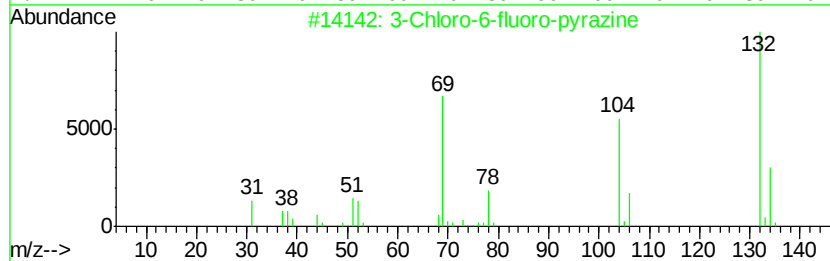
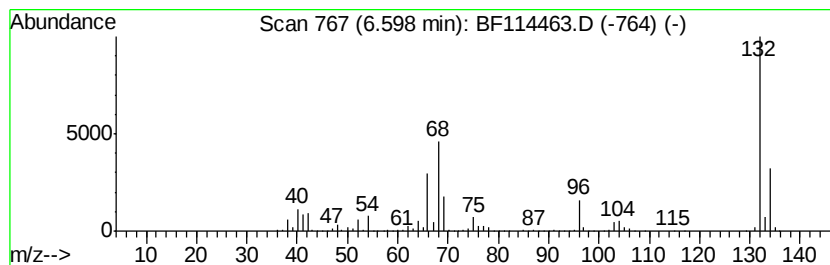
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	76.61 ng	4609990	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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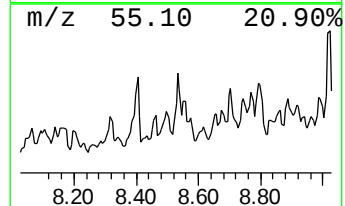
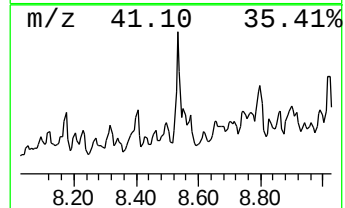
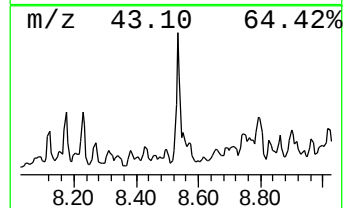
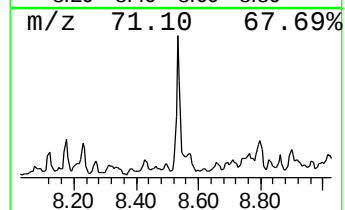
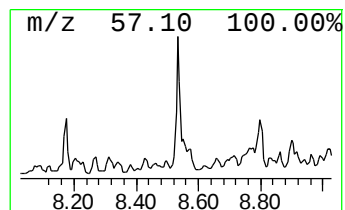
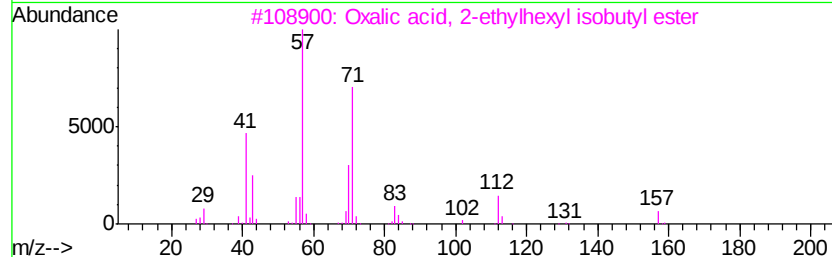
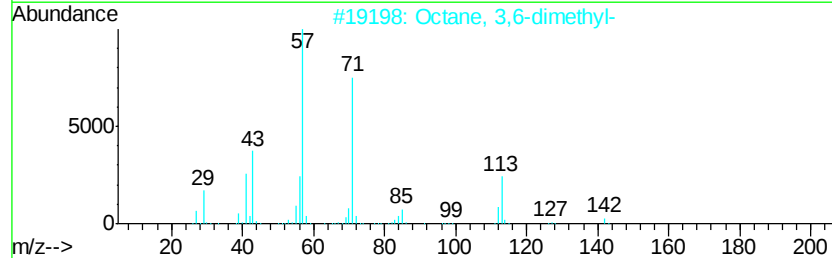
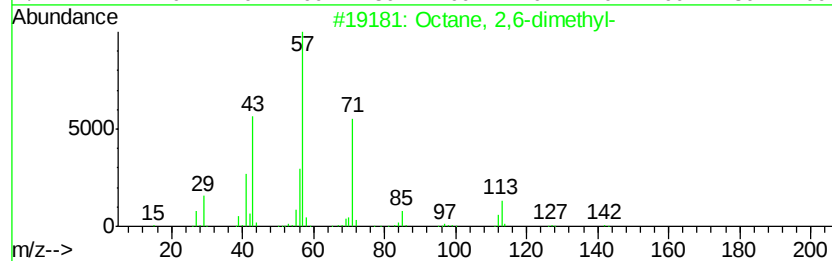
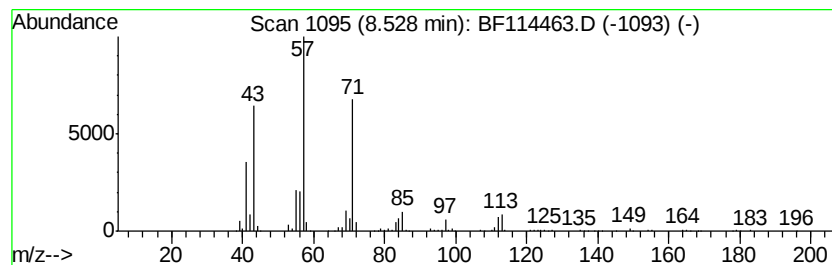
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	9.32 ng	1078470	Naphthalene-d8	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3		Oxalic acid, 2-ethylhexyl isobut...	258	C14H26O4	1000309-38-5	64
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5		Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	59



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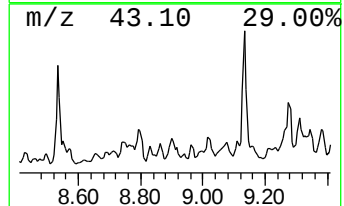
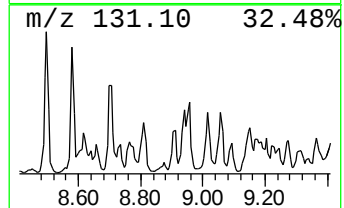
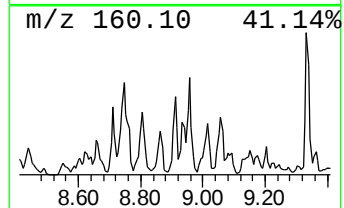
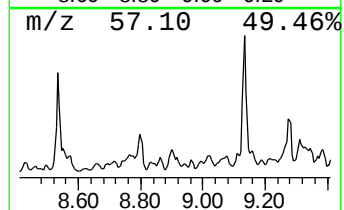
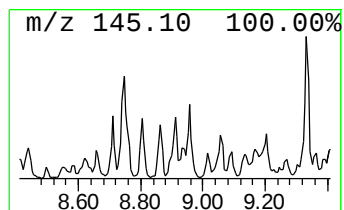
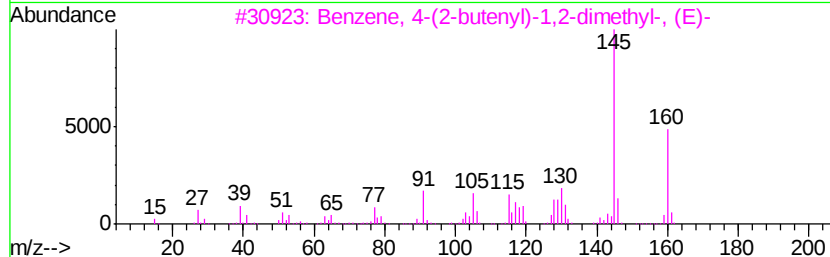
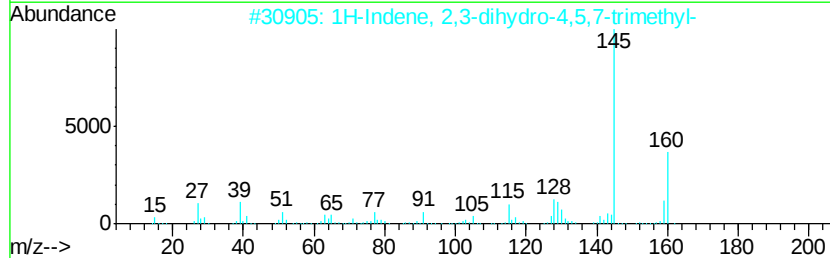
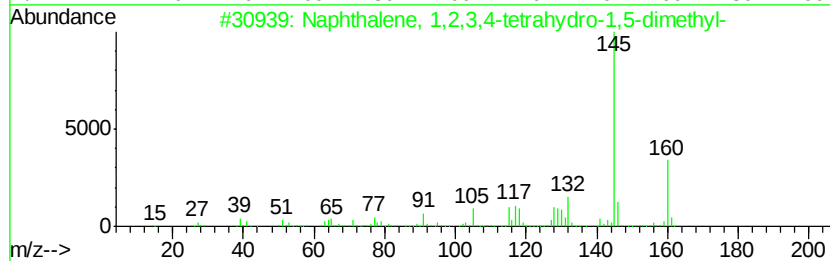
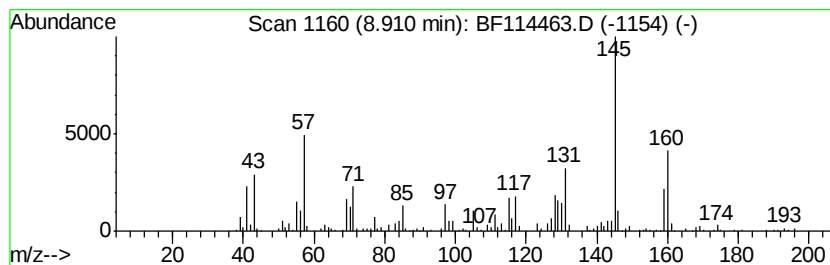
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, 1,2,3,4-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	8.42 ng	973898	Naphthalene-d8	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	81
2		1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	76
3		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	76
4		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	68
5		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114463.D
Acq On : 21 May 2019 18:30
Operator : JU/SJ
Sample : K2913-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

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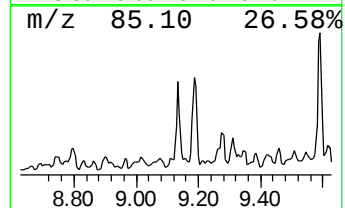
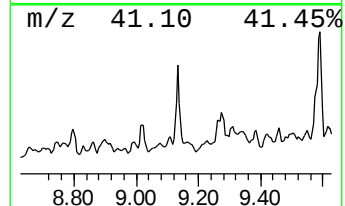
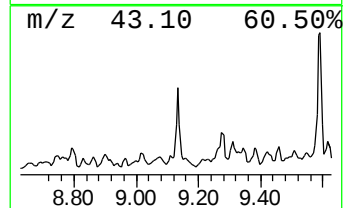
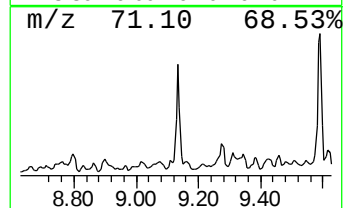
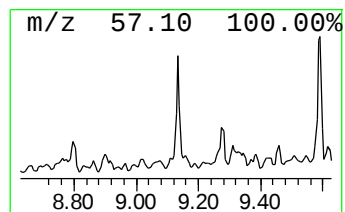
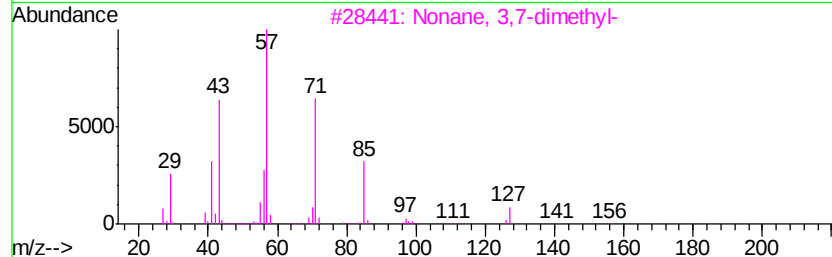
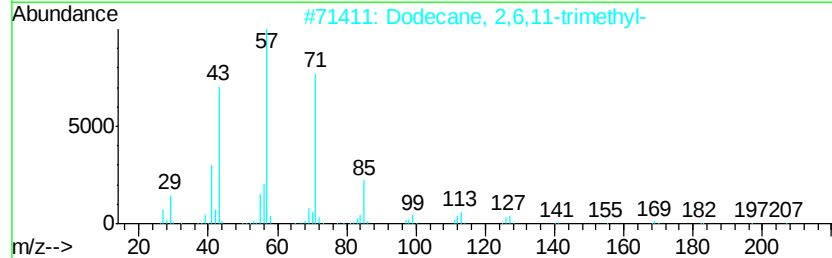
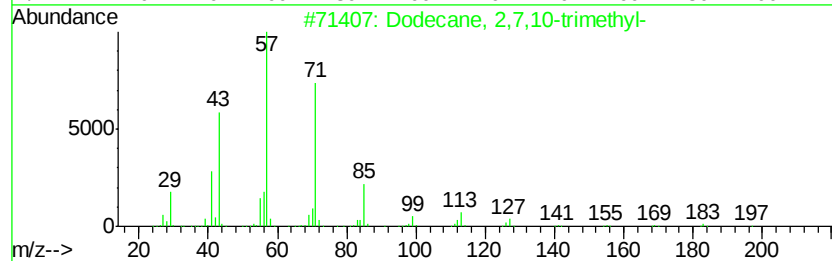
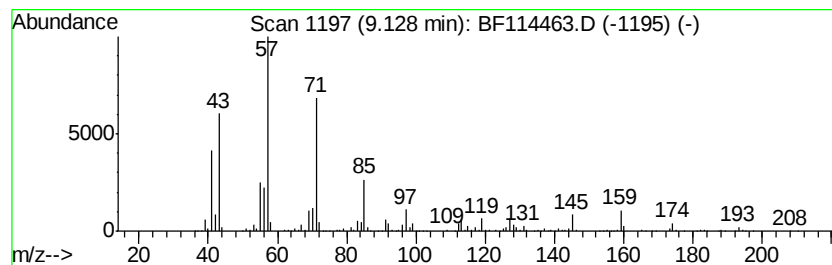
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Dodecane, 2,7,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	15.92 ng	1799450	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
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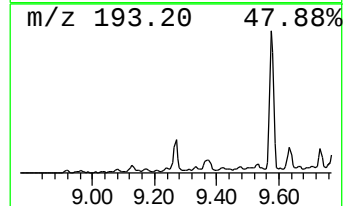
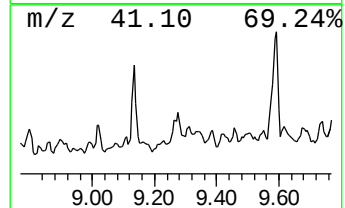
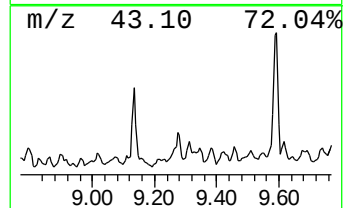
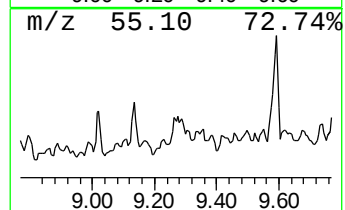
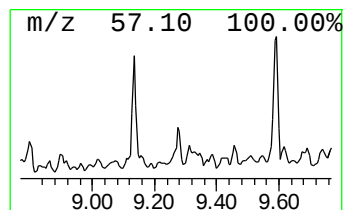
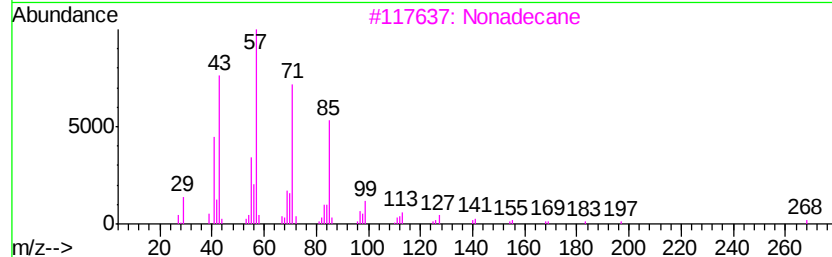
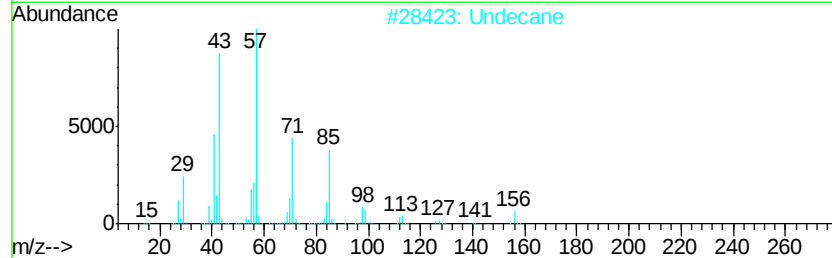
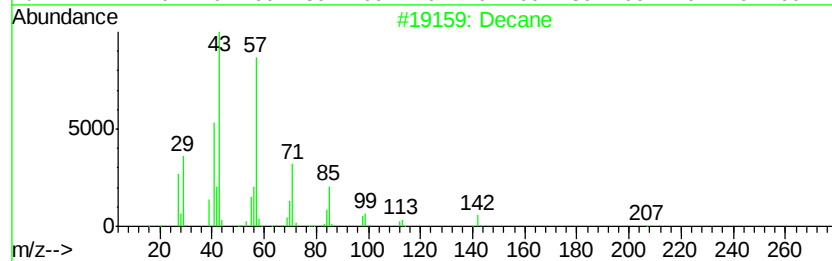
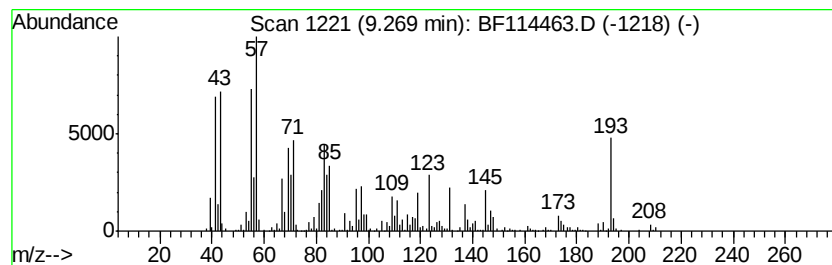
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Decane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	9.63 ng	1088390	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	72
2		Undecane	156	C11H24	001120-21-4	72
3		Nonadecane	268	C19H40	000629-92-5	64
4		Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	53
5		Hexadecane	226	C16H34	000544-76-3	52



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Sample : K2913-05
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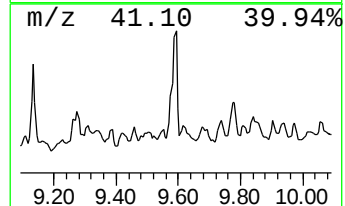
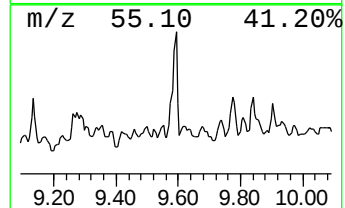
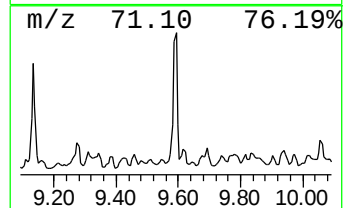
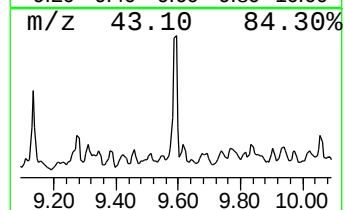
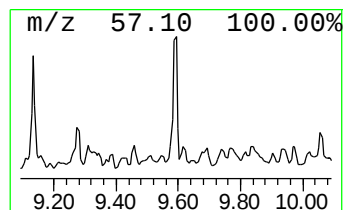
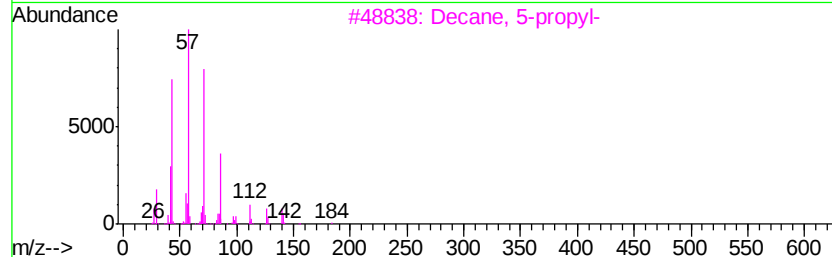
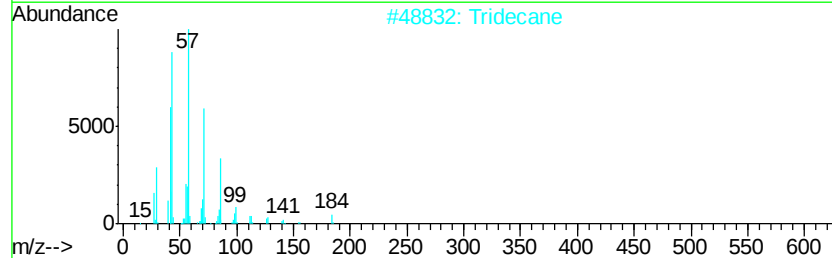
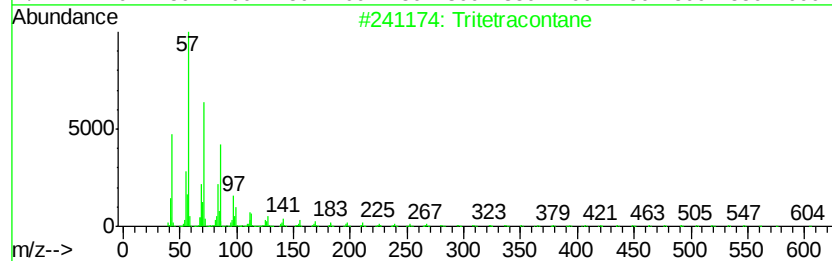
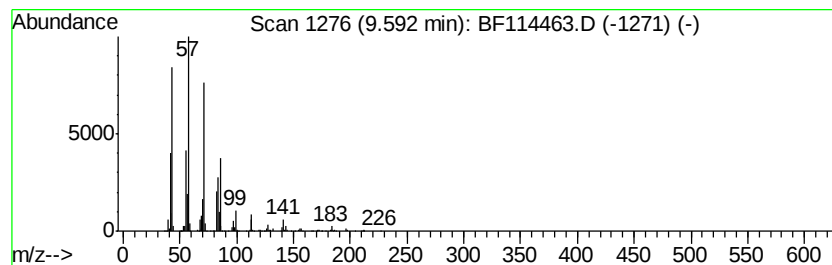
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tritetracontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	27.71 ng	3130990	Acenaphthene-d10	9.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tritetracontane	605	C43H88	007098-21-7	80
2		Tridecane	184	C13H28	000629-50-5	76
3		Decane, 5-propyl-	184	C13H28	017312-62-8	68
4		Heptacosane	380	C27H56	000593-49-7	64
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



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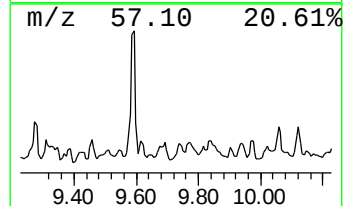
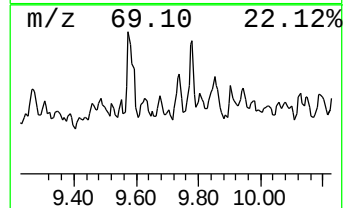
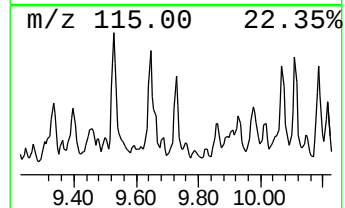
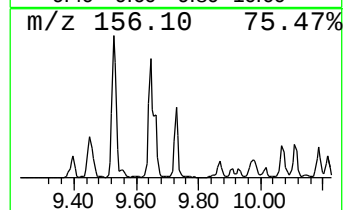
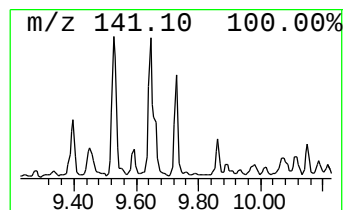
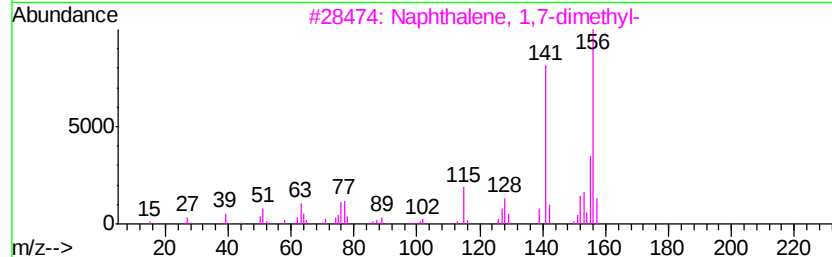
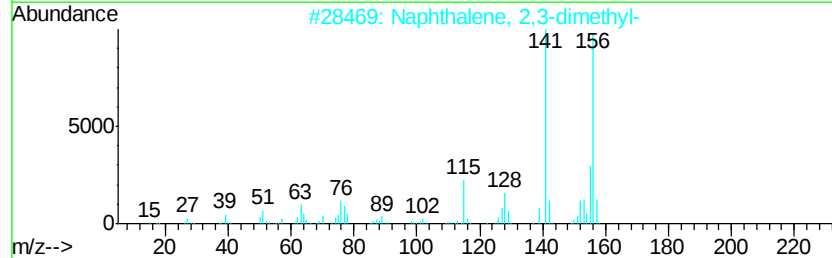
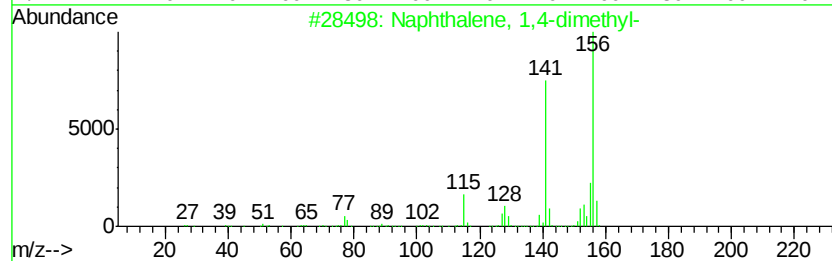
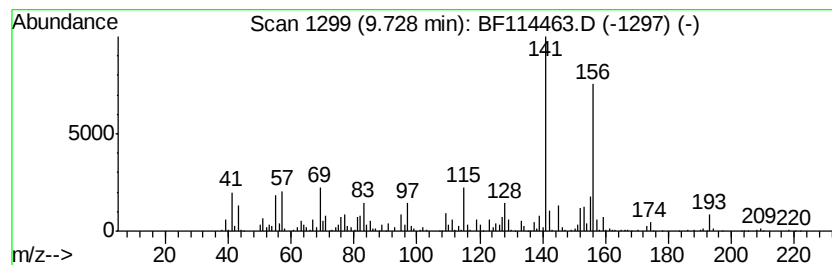
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	9.36 ng	1057180	Acenaphthene-d10	9.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	55
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	52
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	50
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	42
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	42



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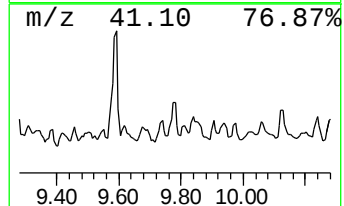
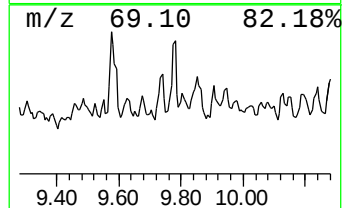
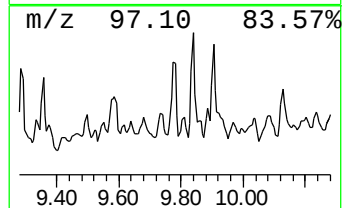
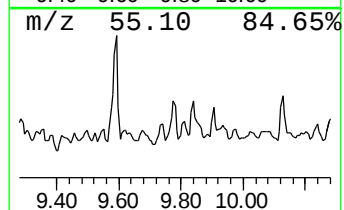
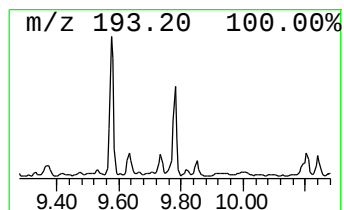
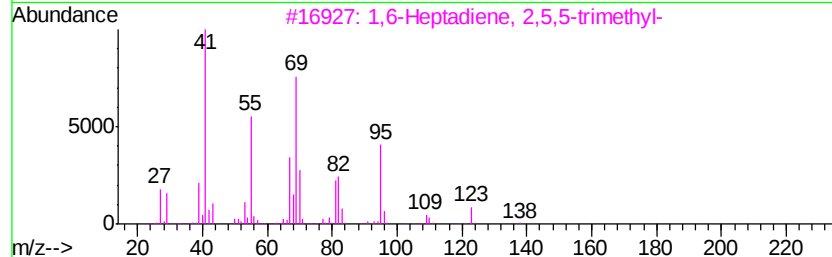
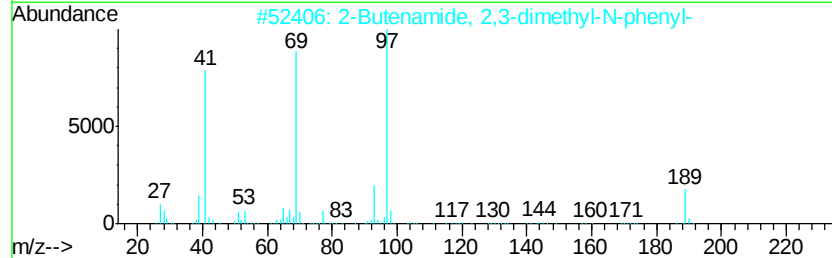
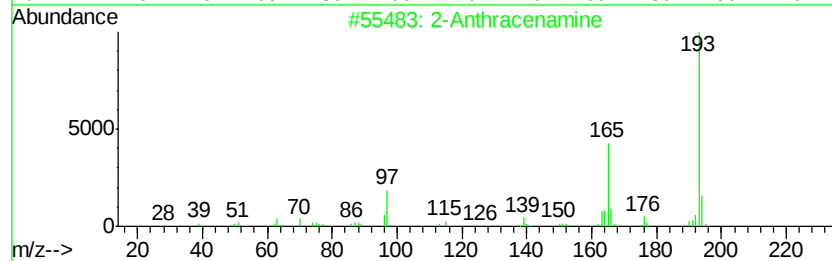
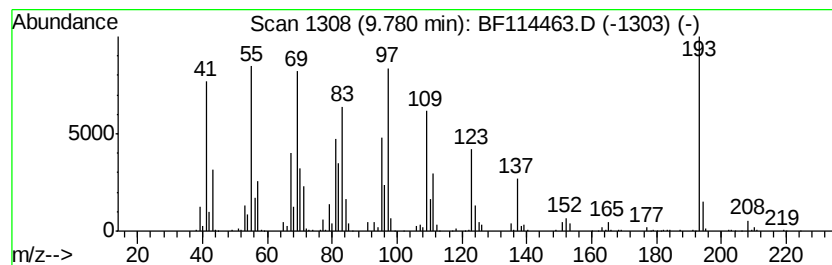
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.78 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	9.83 ng	1111320	Acenaphthene-d10	9.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2		Anthracenamine	193	C14H11N	000613-13-8	38
2	2		Butenamide, 2,3-dimethyl-N-phe...	189	C12H15NO	024735-54-4	22
3	1,6		Heptadiene, 2,5,5-trimethyl-	138	C10H18	062238-28-2	20
4			Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-92-8	18
5			Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
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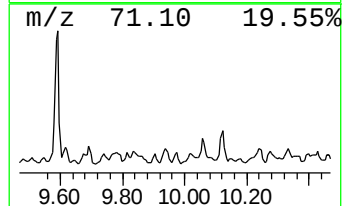
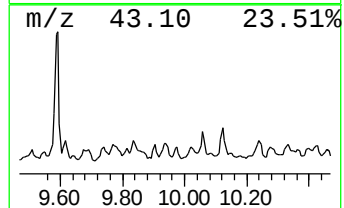
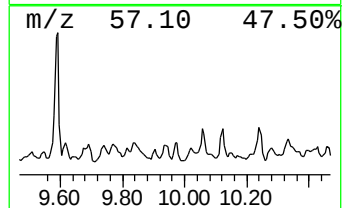
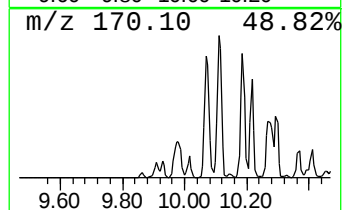
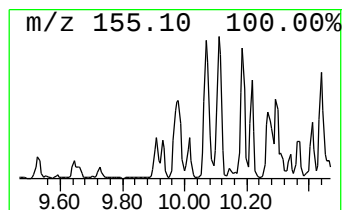
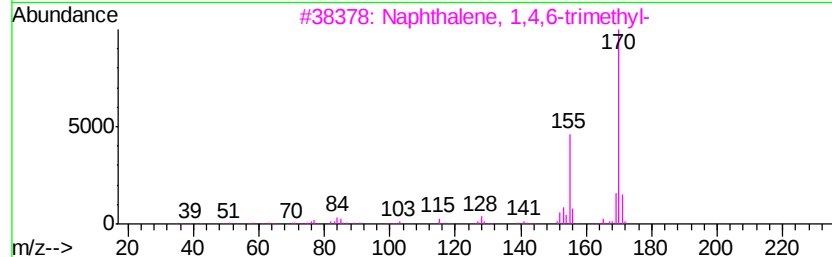
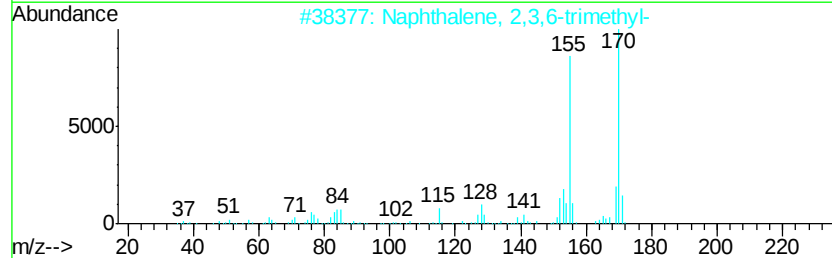
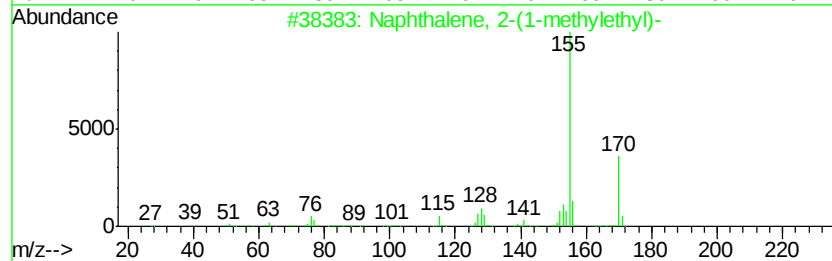
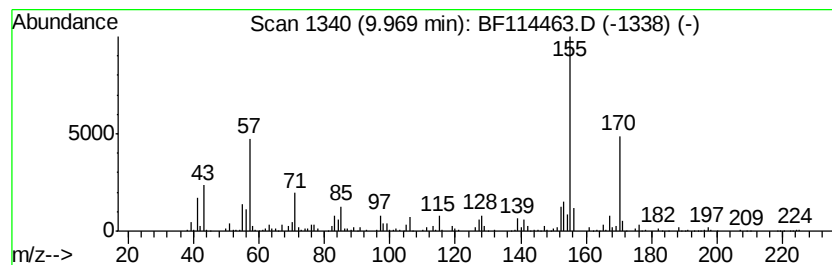
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 2-(1-methyleth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	8.95 ng	1011120	Acenaphthene-d10	9.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	80
5			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
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Misc :
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ClientSampleId :
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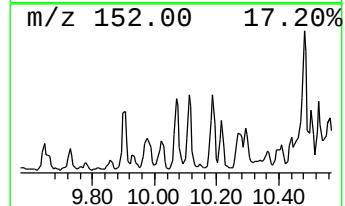
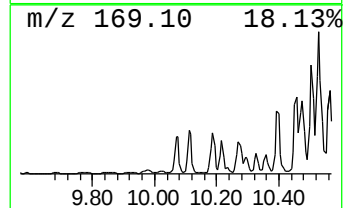
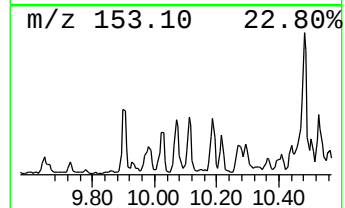
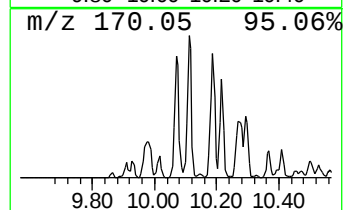
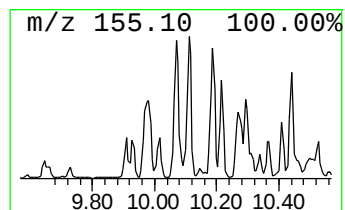
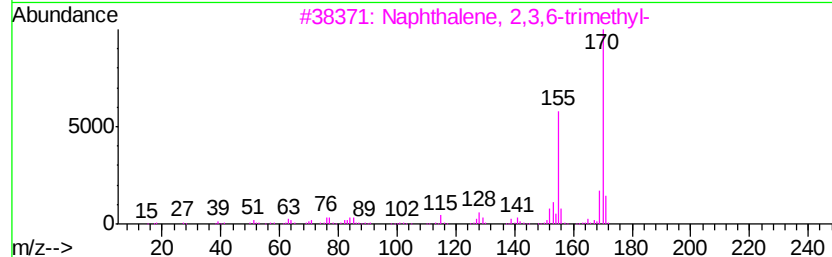
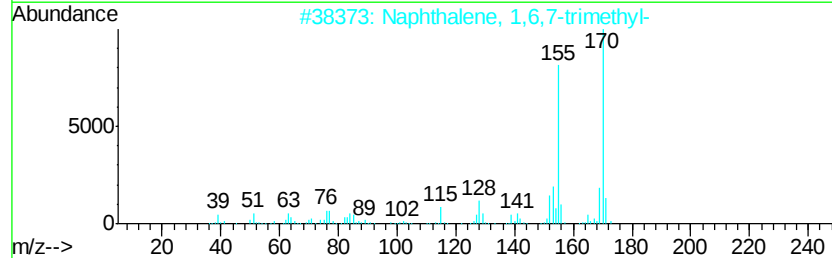
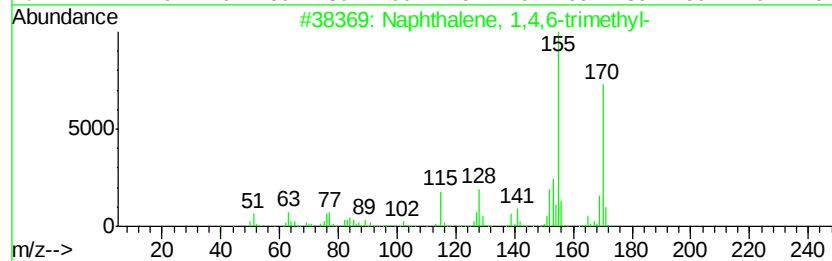
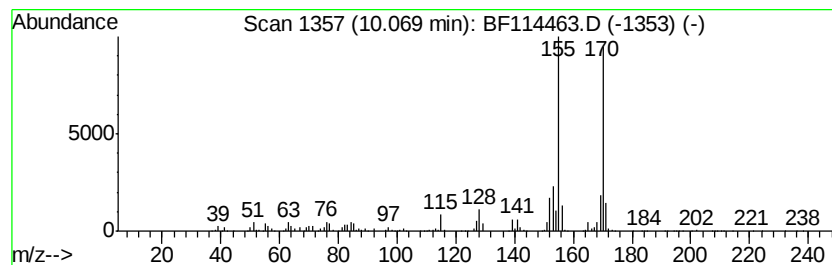
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	13.97 ng	1578310	Acenaphthene-d10	9.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114463.D
Acq On : 21 May 2019 18:30
Operator : JU/SJ
Sample : K2913-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17

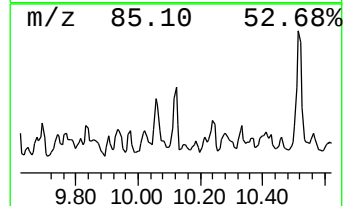
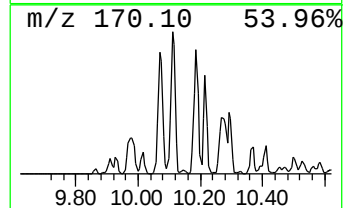
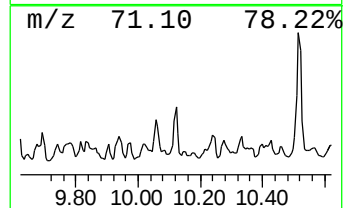
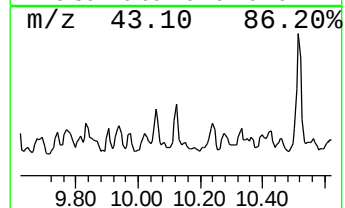
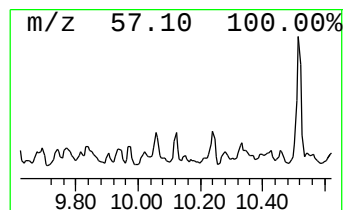
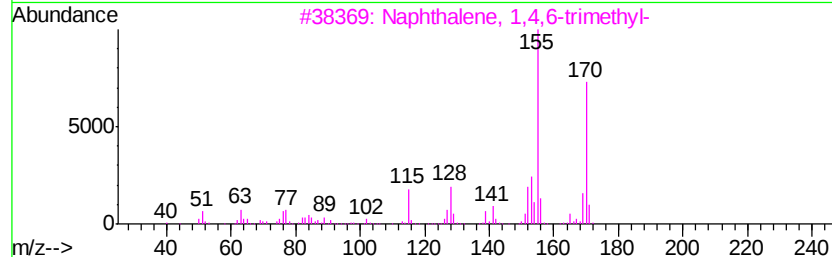
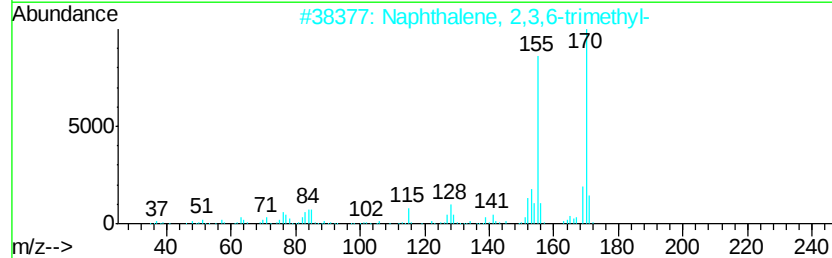
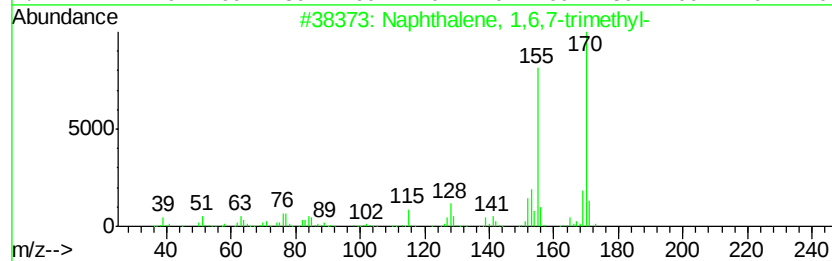
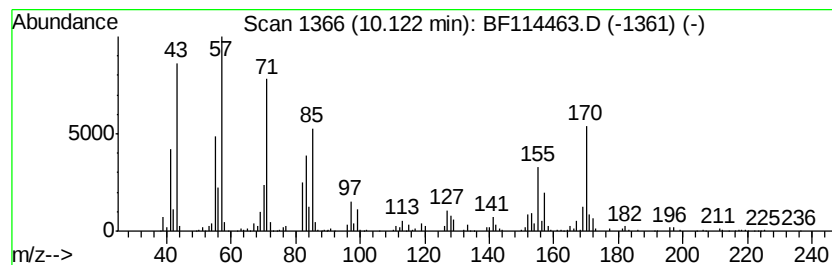
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,6,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	21.89 ng	2474090	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114463.D
Acq On : 21 May 2019 18:30
Operator : JU/SJ
Sample : K2913-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

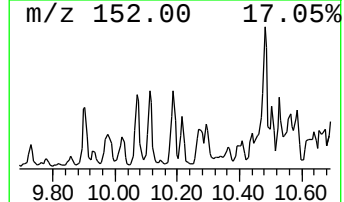
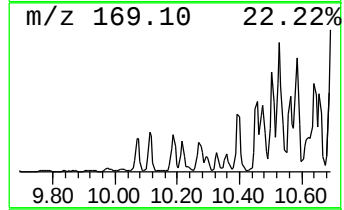
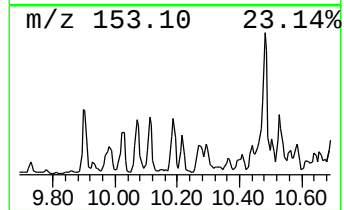
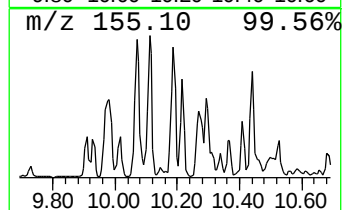
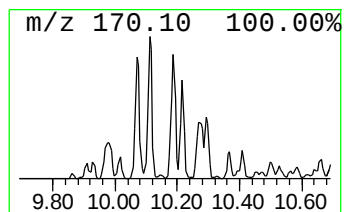
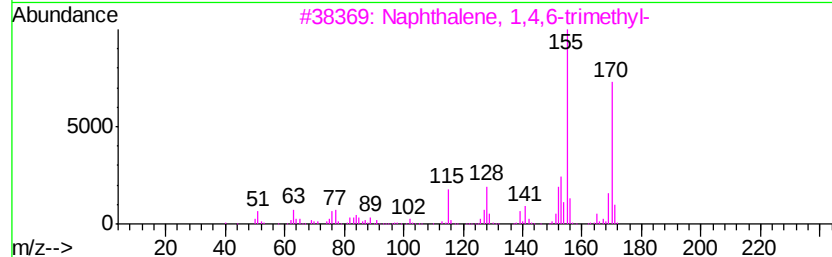
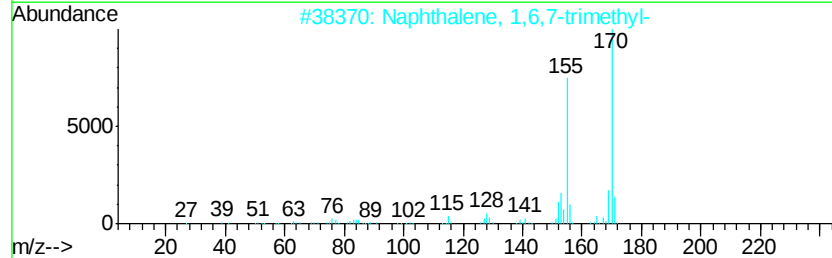
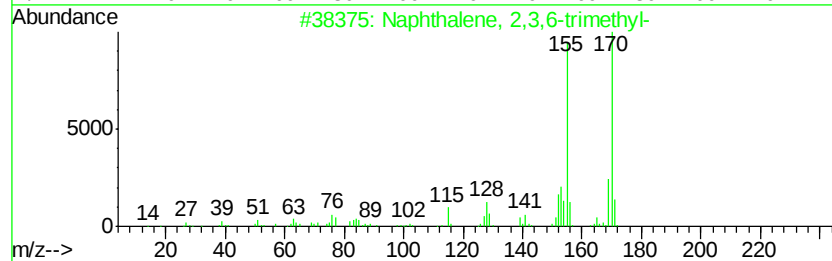
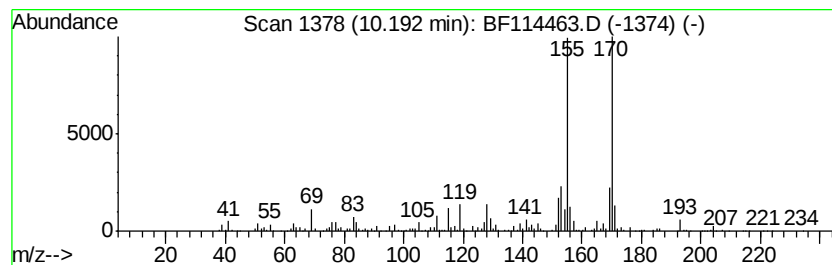
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.19	13.21 ng	1493060	Acenaphthene-d10		9.87	
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	97
3	Naphthalene,	1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4	4,6,8-Trimethyl	azulene	170	C13H14	000941-81-1	94
5	Naphthalene,	1,4,5-trimethyl-	170	C13H14	002131-41-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114463.D
Acq On : 21 May 2019 18:30
Operator : JU/SJ
Sample : K2913-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

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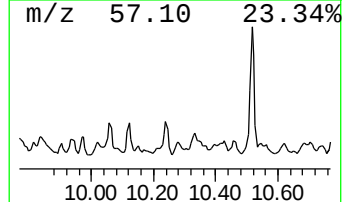
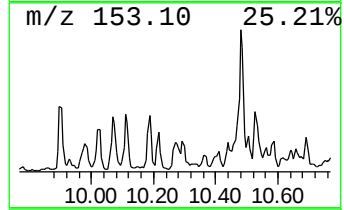
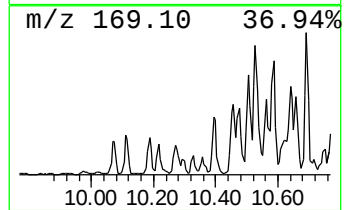
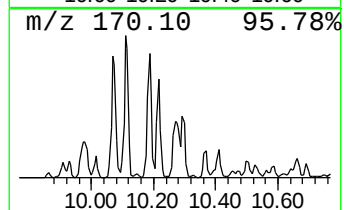
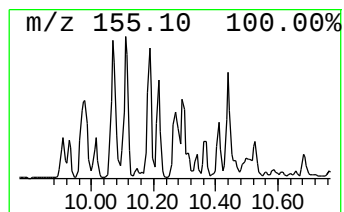
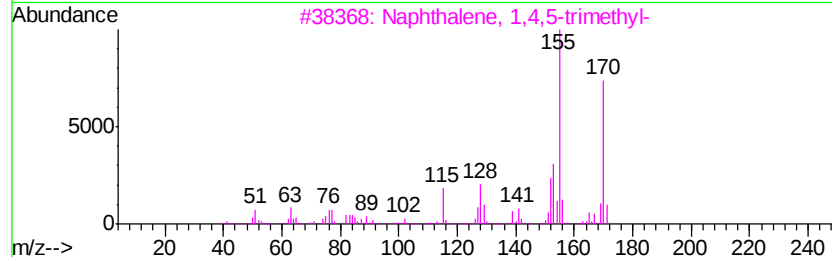
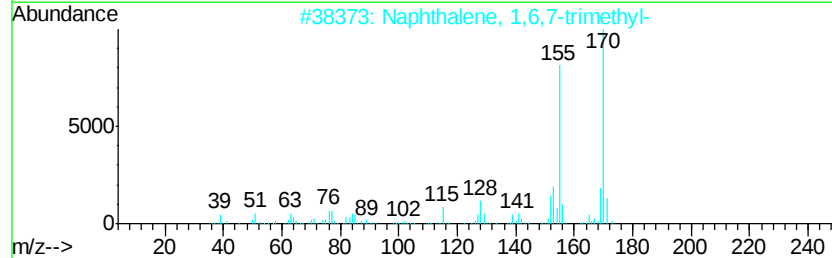
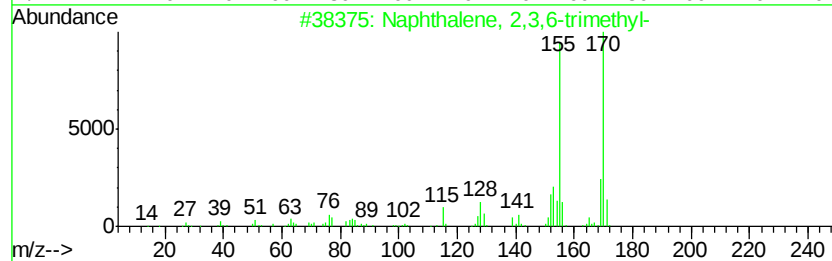
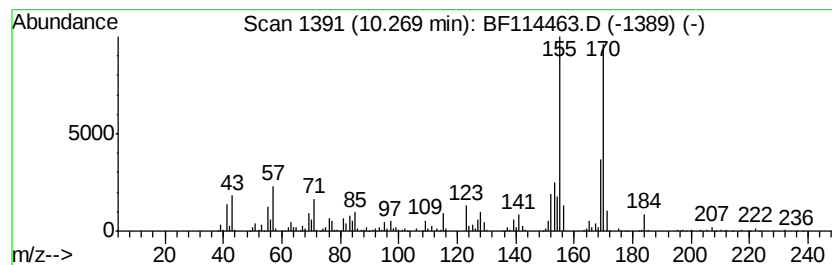
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,4,5-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	11.09 ng	1253240	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114463.D
Acq On : 21 May 2019 18:30
Operator : JU/SJ
Sample : K2913-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

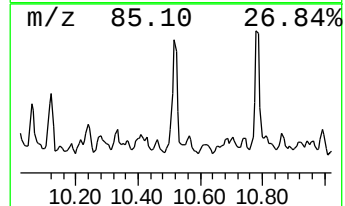
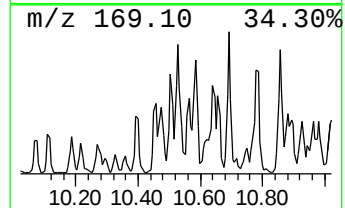
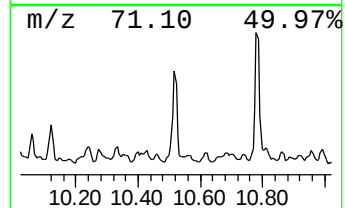
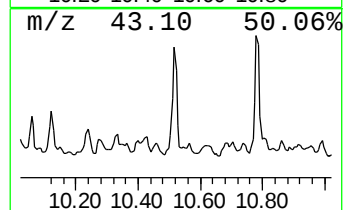
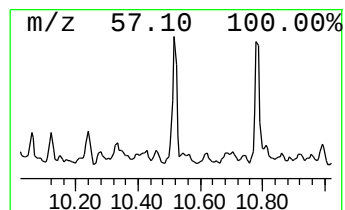
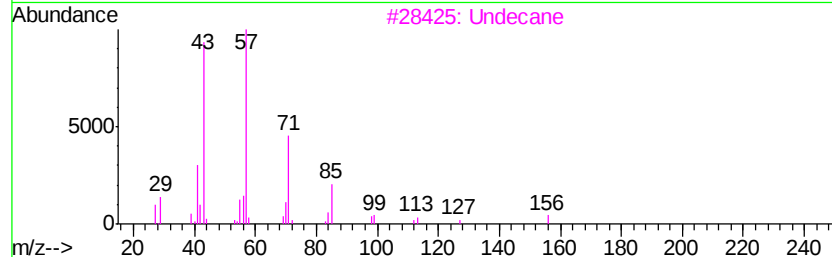
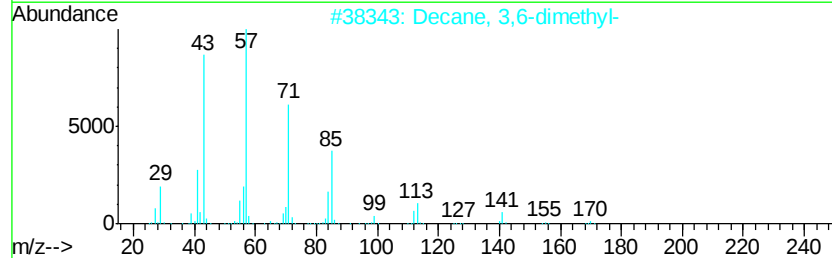
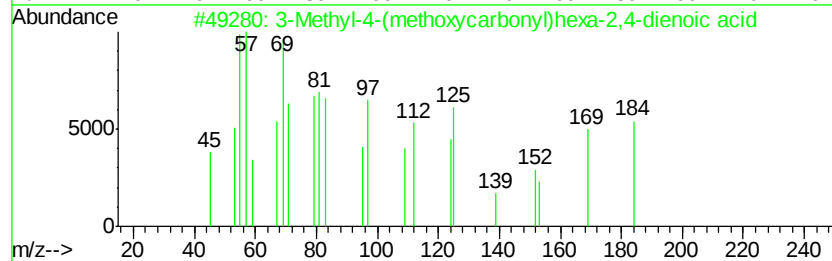
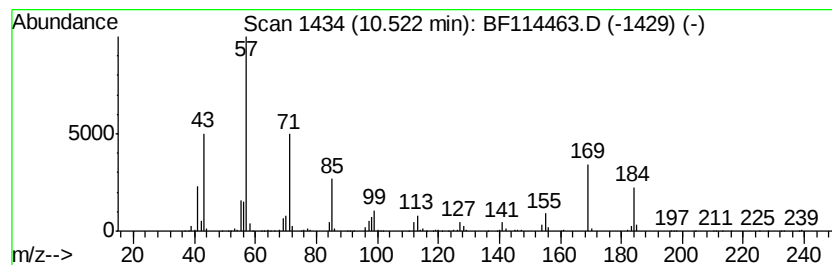
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 3-Methyl-4-(methoxycarbonyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	22.12 ng	2499390	Acenaphthene-d10	9.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184 C9H12O4	1000104-10-8	86
2	Decane, 3,6-dimethyl-	170 C12H26	017312-53-7	55
3	Undecane	156 C11H24	001120-21-4	53
4	Octane, 3,5-dimethyl-	142 C10H22	015869-93-9	50
5	Heptacosane	380 C27H56	000593-49-7	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
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Acq On : 21 May 2019 18:30
Operator : JU/SJ
Sample : K2913-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

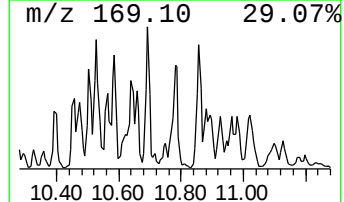
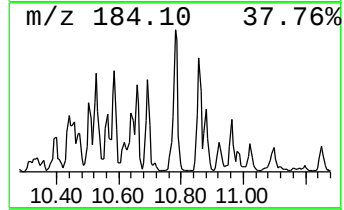
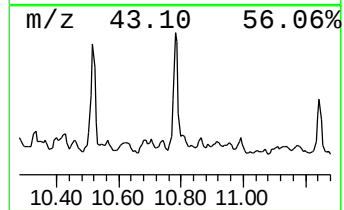
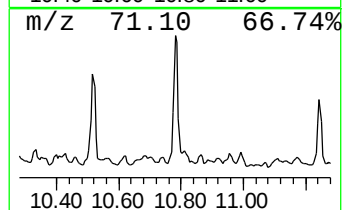
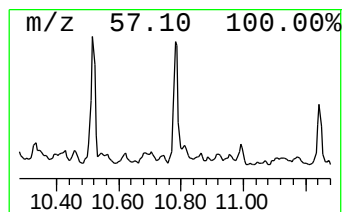
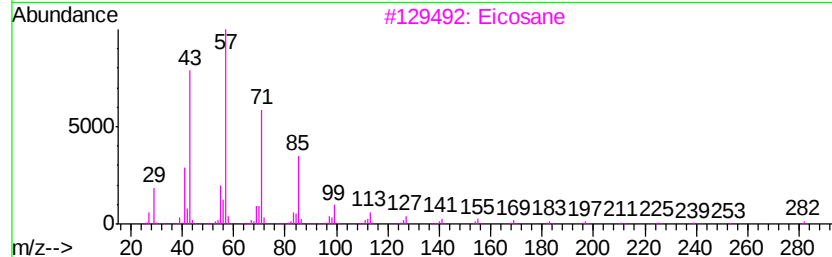
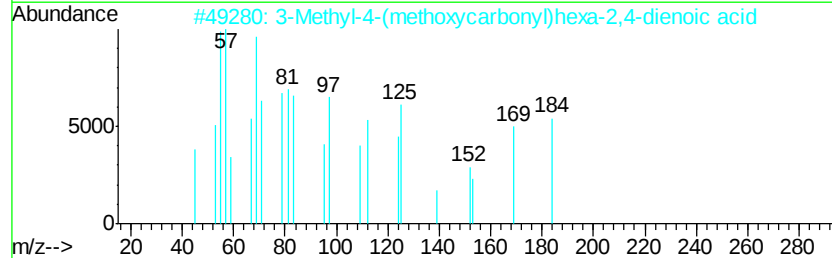
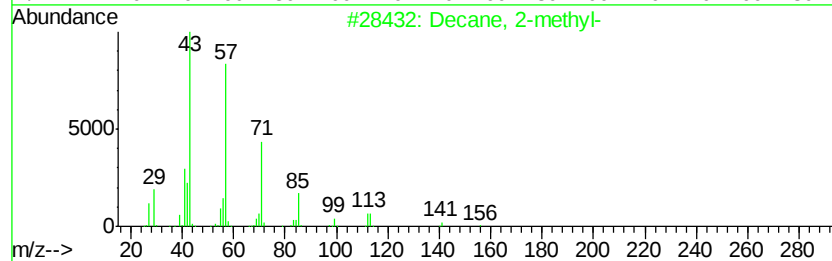
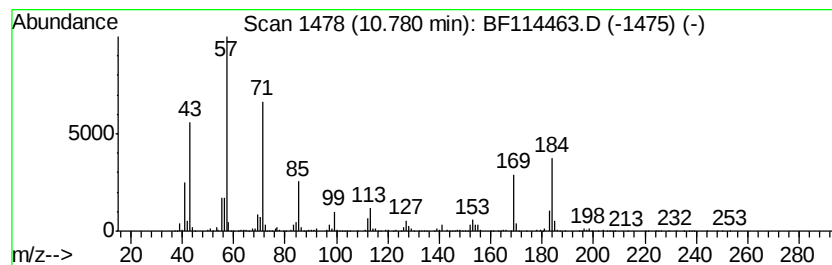
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Decane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	41.15 ng	2948780	Phenanthrene-d10	11.36
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 2-methyl-	156 C11H24	006975-98-0	60
2	3-Methyl-4-(methoxycarbonyl)hexa...	184 C9H12O4	1000104-10-8	50
3	Eicosane	282 C20H42	000112-95-8	47
4	Octane, 2-methyl-	128 C9H20	003221-61-2	46
5	Pentadecane, 2,6,10,14-tetramethyl-	268 C19H40	001921-70-6	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114463.D
Acq On : 21 May 2019 18:30
Operator : JU/SJ
Sample : K2913-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-17

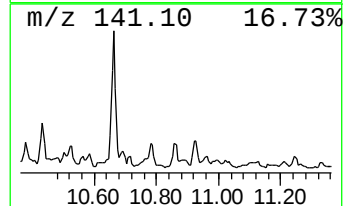
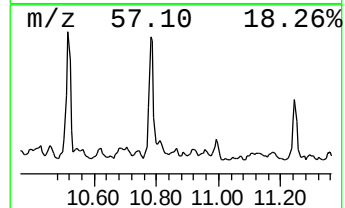
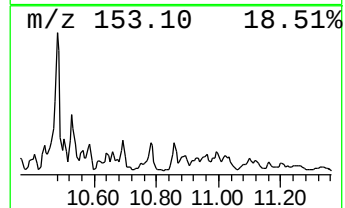
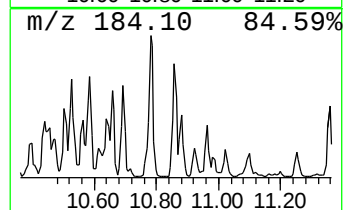
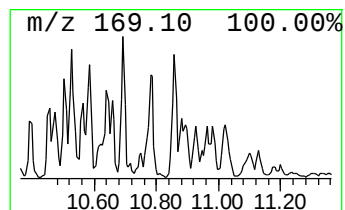
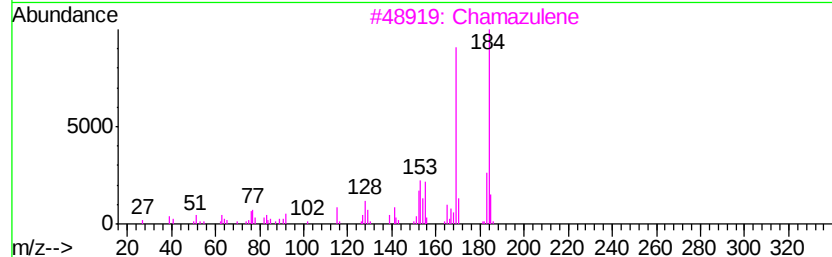
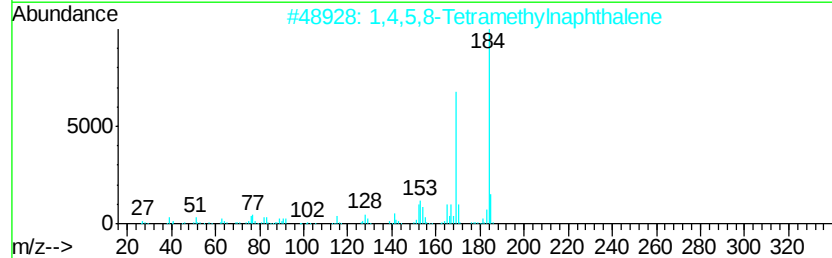
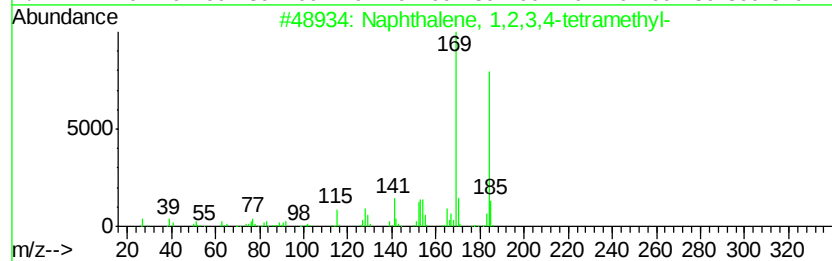
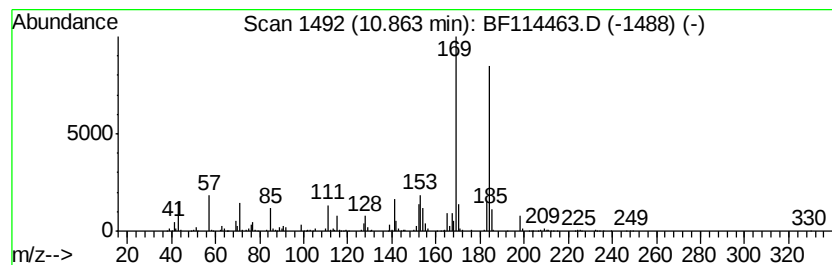
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 1,2,3,4-tetram... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	9.17 ng	657060	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	94
2		1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	93
3		Chamazulene	184	C14H16	000529-05-5	93
4		Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	91
5		Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114463.D
Acq On : 21 May 2019 18:30
Operator : JU/SJ
Sample : K2913-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17

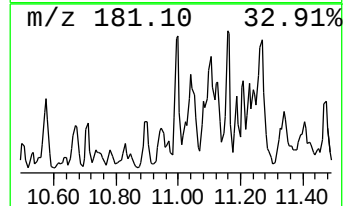
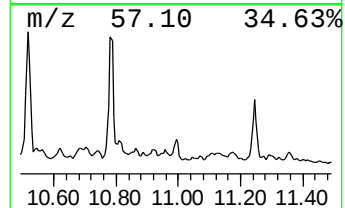
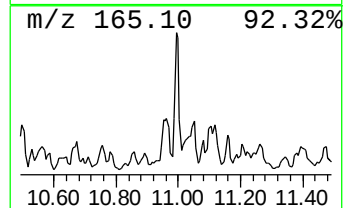
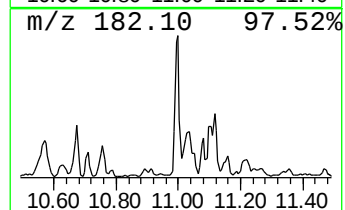
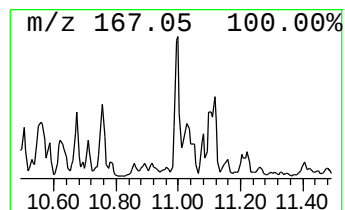
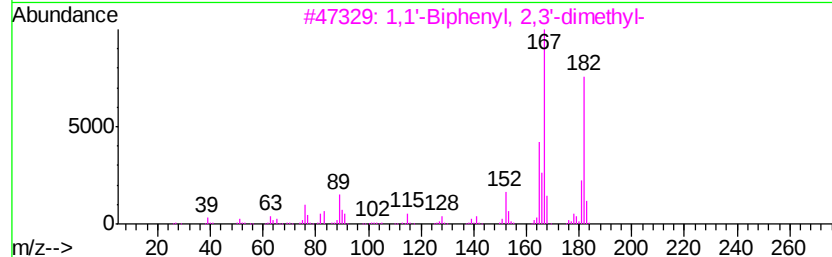
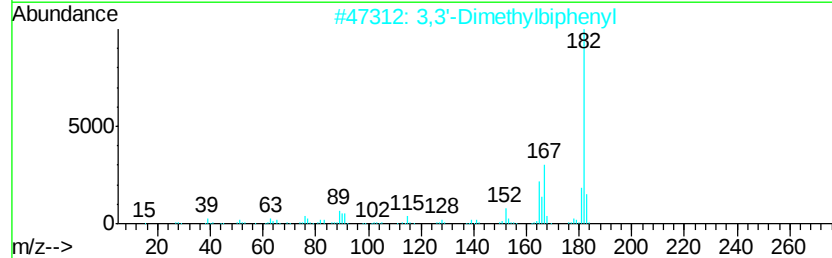
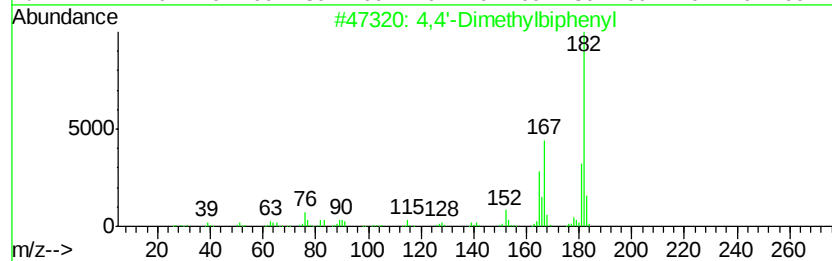
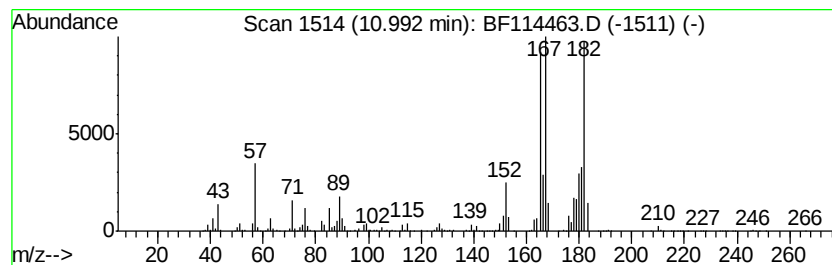
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 4,4'-Dimethylbiphenyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	17.69 ng	1267740	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	87
2			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	81
3			1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	76
4			1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	74
5			2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114463.D
Acq On : 21 May 2019 18:30
Operator : JU/SJ
Sample : K2913-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

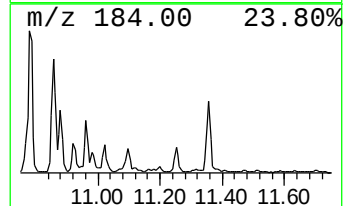
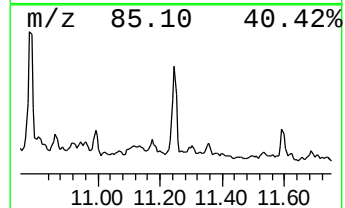
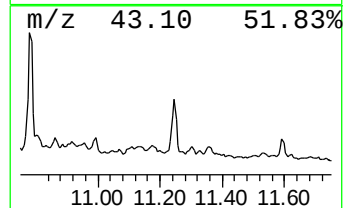
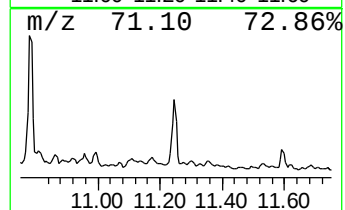
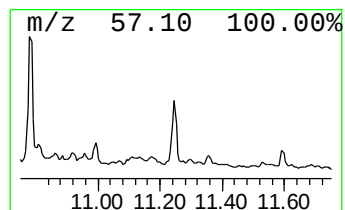
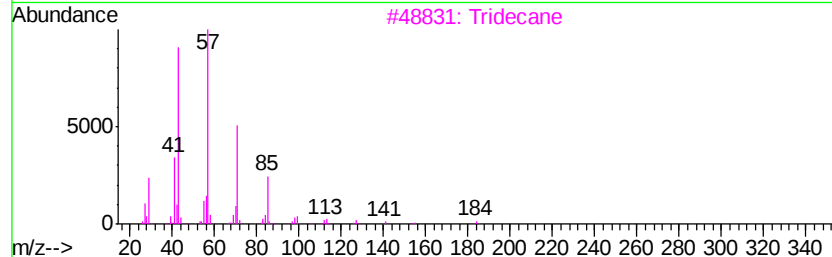
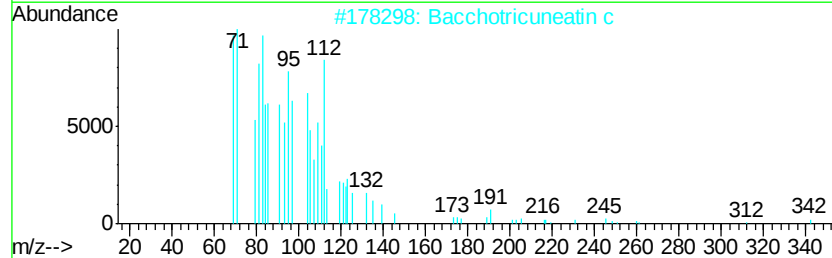
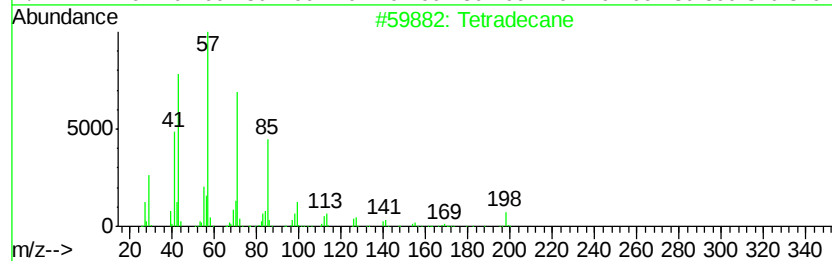
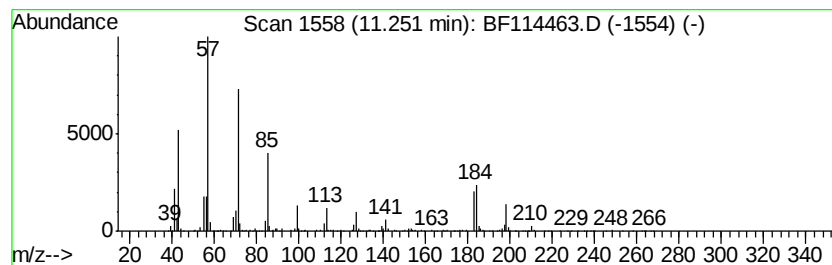
Instrument :
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ClientSampleId :
TP-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.25	22.52 ng	1613550	Phenanthrene-d10		11.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	87
3	Tridecane	184	C13H28	000629-50-5	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114463.D
Acq On : 21 May 2019 18:30
Operator : JU/SJ
Sample : K2913-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-17

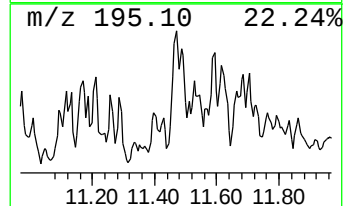
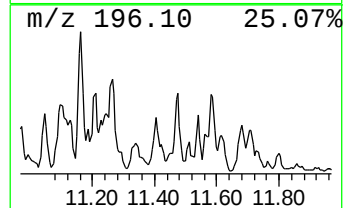
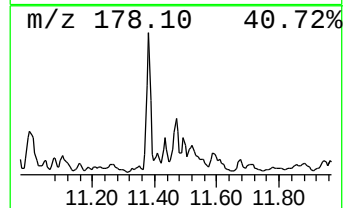
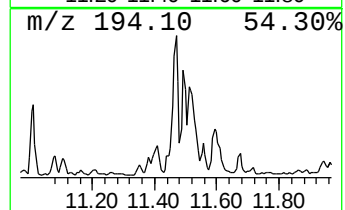
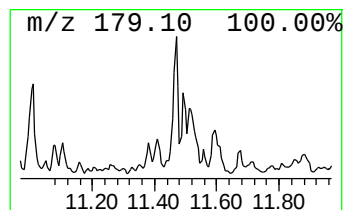
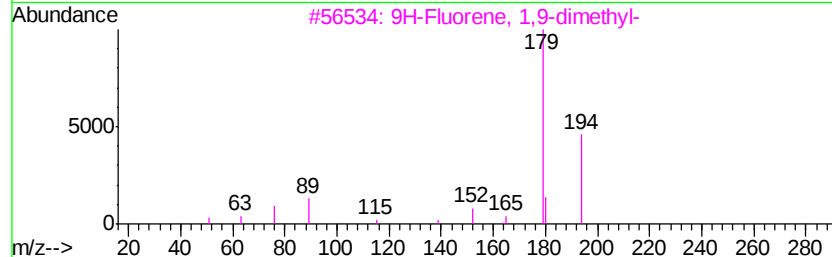
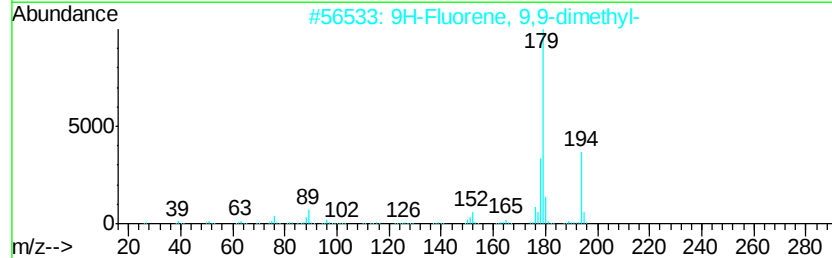
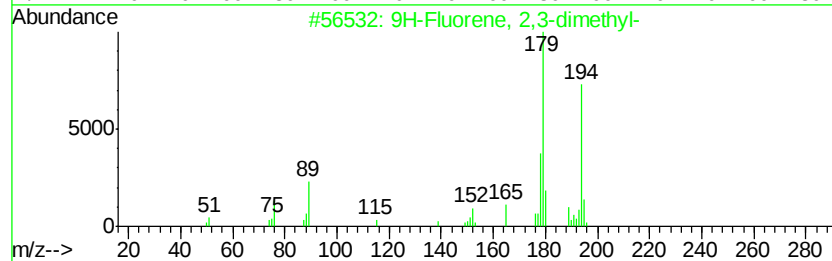
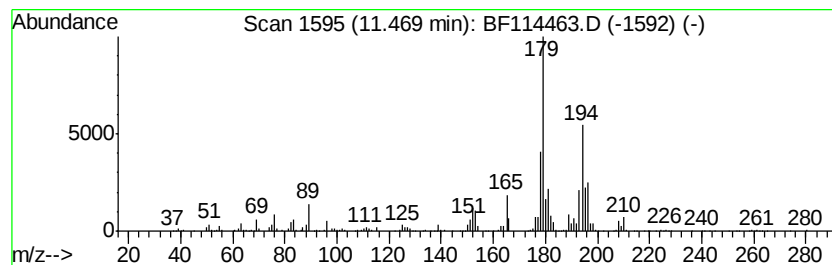
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9H-Fluorene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	8.23 ng	589845	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	91
2			9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	64
3			9H-Fluorene, 1,9-dimethyl-	194	C15H14	017057-98-6	46
4			Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	46
5			10,11-Dihydro-5H-dibenzo(a,d)cyc...	194	C15H14	000833-48-7	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114463.D
 Acq On : 21 May 2019 18:30
 Operator : JU/SJ
 Sample : K2913-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
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Octane, 2,6-dimet...	8.53	9.3	ng	1078470	2	8.11	2314190	20.0
Naphthalene, 1,2,...	8.91	8.4	ng	973898	2	8.11	2314190	20.0
Dodecane, 2,7,10-...	9.13	15.9	ng	1799450	3	9.87	2260130	20.0
Decane	9.27	9.6	ng	1088390	3	9.87	2260130	20.0
Tritetracontane	9.59	27.7	ng	3130990	3	9.87	2260130	20.0
Naphthalene, 1,4-...	9.73	9.4	ng	1057180	3	9.87	2260130	20.0
unknown9.78	9.78	9.8	ng	1111320	3	9.87	2260130	20.0
Naphthalene, 2-(1...	9.97	8.9	ng	1011120	3	9.87	2260130	20.0
Naphthalene, 1,4,...	10.07	14.0	ng	1578310	3	9.87	2260130	20.0
Naphthalene, 1,6,...	10.12	21.9	ng	2474090	3	9.87	2260130	20.0
Naphthalene, 2,3,...	10.19	13.2	ng	1493060	3	9.87	2260130	20.0
Naphthalene, 1,4,...	10.27	11.1	ng	1253240	3	9.87	2260130	20.0
3-Methyl-4-(metho...	10.52	22.1	ng	2499390	3	9.87	2260130	20.0
Decane, 2-methyl-	10.78	41.1	ng	2948780	4	11.36	1433170	20.0
Naphthalene, 1,2,...	10.86	9.2	ng	657060	4	11.36	1433170	20.0
4,4'-Dimethylbiph...	10.99	17.7	ng	1267740	4	11.36	1433170	20.0
Tetradecane	11.25	22.5	ng	1613550	4	11.36	1433170	20.0
9H-Fluorene, 2,3-...	11.47	8.2	ng	589845	4	11.36	1433170	20.0