

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119821.D
 Acq On : 7 Apr 2020 14:49
 Operator : MA/SJ
 Sample : L2135-03
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2E-(0-2)

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-BF031820.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	4.992	488	494	500	rBV	108734	154818	3.73%	0.290%
2	5.404	559	564	567	rBV	3870021	3558261	85.66%	6.658%
3	6.039	668	672	678	rBV2	69520	93115	2.24%	0.174%
4	6.322	717	720	723	rBV3	46301	59069	1.42%	0.111%
5	6.428	732	738	742	rBV	3651763	4144723	99.78%	7.755%
6	6.534	751	756	760	rBV5	27873	58238	1.40%	0.109%
7	6.786	795	799	806	rVB	960760	881145	21.21%	1.649%
8	6.851	806	810	813	rBV	77136	74104	1.78%	0.139%
9	6.945	822	826	829	rBV	3760635	3213951	77.37%	6.013%
10	7.063	843	846	850	rVB2	69411	80902	1.95%	0.151%
11	7.351	884	895	898	rBV	2706927	2744707	66.07%	5.135%
12	7.433	905	909	913	rVB4	73481	113074	2.72%	0.212%
13	7.504	913	921	925	rBV8	61231	140236	3.38%	0.262%
14	7.598	934	937	940	rVB2	87187	87953	2.12%	0.165%
15	7.680	947	951	952	rBV2	43584	50752	1.22%	0.095%
16	7.716	955	957	961	rVB4	103737	110874	2.67%	0.207%
17	7.839	975	978	982	rVB3	63539	70622	1.70%	0.132%
18	7.892	982	987	993	rVB8	47364	87401	2.10%	0.164%
19	7.951	993	997	1000	rBV3	56989	90891	2.19%	0.170%
20	8.028	1005	1010	1013	rBV5	60800	106516	2.56%	0.199%
21	8.075	1013	1018	1021	rVV	1432242	1242917	29.92%	2.326%
22	8.139	1024	1029	1031	rVB2	267553	263190	6.34%	0.492%
23	8.169	1031	1034	1037	rBV	71170	68558	1.65%	0.128%
24	8.251	1041	1048	1050	rBV5	80180	162722	3.92%	0.304%
25	8.280	1050	1053	1056	rBV2	129968	127524	3.07%	0.239%
26	8.369	1063	1068	1071	rVB5	204277	251599	6.06%	0.471%
27	8.428	1075	1078	1080	rBV2	92178	79782	1.92%	0.149%
28	8.463	1080	1084	1086	rBV3	120225	130248	3.14%	0.244%
29	8.504	1087	1091	1093	rBV	399140	401024	9.65%	0.750%
30	8.539	1096	1097	1100	rVB2	125296	99116	2.39%	0.185%
31	8.580	1101	1104	1107	rBV3	126855	118361	2.85%	0.221%
32	8.622	1107	1111	1113	rBV4	131720	140882	3.39%	0.264%
33	8.675	1116	1120	1122	rBV4	92337	138430	3.33%	0.259%
34	8.769	1133	1136	1139	rVB3	186791	170774	4.11%	0.320%

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.827	1143	1146	1148	rBV3	90682	91807	2.21%	0.172%
36	8.898	1148	1158	1160	rBV7	133053	322742	7.77%	0.604%
37	8.957	1166	1168	1170	rBV3	78722	82262	1.98%	0.154%
38	8.986	1170	1173	1177	rVB4	153491	169336	4.08%	0.317%
39	9.027	1177	1180	1181	rBV3	72578	81569	1.96%	0.153%
40	9.075	1185	1188	1190	rBV4	82133	75688	1.82%	0.142%
41	9.104	1190	1193	1197	rVV	612731	530619	12.77%	0.993%
42	9.157	1197	1202	1205	rBV	4688344	4154036	100.00%	7.772%
43	9.239	1212	1216	1220	rBV3	255663	394470	9.50%	0.738%
44	9.304	1225	1227	1229	rVV	145361	144551	3.48%	0.270%
45	9.351	1232	1235	1240	rVV4	167428	246164	5.93%	0.461%
46	9.416	1243	1246	1250	rVV2	187880	324474	7.81%	0.607%
47	9.469	1253	1255	1256	rVV2	126081	115315	2.78%	0.216%
48	9.492	1256	1259	1261	rVV	417205	407971	9.82%	0.763%
49	9.516	1261	1263	1265	rVV2	162140	143020	3.44%	0.268%
50	9.557	1265	1270	1273	rVV2	904632	1452385	34.96%	2.717%
51	9.586	1273	1275	1277	rVV2	160587	178195	4.29%	0.333%
52	9.610	1277	1279	1284	rVB2	234860	252459	6.08%	0.472%
53	9.704	1291	1295	1299	rBV3	133506	200374	4.82%	0.375%
54	9.745	1299	1302	1305	rVB2	237690	185196	4.46%	0.347%
55	9.769	1305	1306	1310	rVB3	86854	87687	2.11%	0.164%
56	9.833	1314	1317	1320	rVV	1174857	960785	23.13%	1.798%
57	9.869	1320	1323	1326	rVV3	240844	215735	5.19%	0.404%
58	9.939	1332	1335	1339	rVB2	182020	230492	5.55%	0.431%
59	9.980	1340	1342	1343	rBV	89150	68137	1.64%	0.127%
60	10.033	1348	1351	1355	rVB	305475	277055	6.67%	0.518%
61	10.074	1356	1358	1360	rBV	71217	64923	1.56%	0.121%
62	10.098	1360	1362	1368	rVB5	210397	241732	5.82%	0.452%
63	10.151	1368	1371	1374	rBV	228584	244498	5.89%	0.457%
64	10.180	1374	1376	1378	rVB	126104	93268	2.25%	0.175%
65	10.245	1383	1387	1388	rBV2	204635	188204	4.53%	0.352%
66	10.298	1393	1396	1398	rBV3	77759	88737	2.14%	0.166%
67	10.380	1406	1410	1412	rBV2	340133	371866	8.95%	0.696%
68	10.469	1423	1425	1426	rBV	133709	105582	2.54%	0.198%
69	10.492	1426	1429	1433	rVV	626797	600110	14.45%	1.123%
70	10.539	1435	1437	1441	rVB4	181559	207243	4.99%	0.388%
71	10.580	1442	1444	1446	rBV2	88709	88935	2.14%	0.166%

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72	10.627	1446	1452	1455	rBV	2133348	2200384	52.97%	4.117%
73	10.657	1455	1457	1459	rVV2	107023	105177	2.53%	0.197%
74	10.704	1463	1465	1469	rBV4	78242	103753	2.50%	0.194%
75	10.757	1469	1474	1480	rVB	1695875	1959567	47.17%	3.666%
76	10.827	1480	1486	1490	rBV6	180912	299460	7.21%	0.560%
77	10.933	1502	1504	1506	rVB2	138460	104545	2.52%	0.196%
78	10.957	1506	1508	1514	rBV5	196397	237975	5.73%	0.445%
79	11.045	1521	1523	1525	rBV2	155787	161881	3.90%	0.303%
80	11.180	1541	1546	1547	rBV5	168006	257614	6.20%	0.482%
81	11.227	1550	1554	1559	rVB2	1085124	1363664	32.83%	2.551%
82	11.321	1568	1570	1572	rBV	1245032	1179956	28.41%	2.208%
83	11.345	1572	1574	1579	rVV	1138810	1085219	26.12%	2.031%
84	11.398	1581	1583	1586	rVB	372592	284096	6.84%	0.532%
85	11.433	1586	1589	1592	rBV	167697	251429	6.05%	0.470%
86	11.574	1610	1613	1617	rVB	450164	425291	10.24%	0.796%
87	11.780	1645	1648	1652	rBV5	198532	314608	7.57%	0.589%
88	11.827	1653	1656	1658	rBV	254819	227193	5.47%	0.425%
89	11.851	1658	1660	1662	rBV	511894	421555	10.15%	0.789%
90	11.868	1662	1663	1665	rBV2	111808	104967	2.53%	0.196%
91	11.939	1672	1675	1677	rBV3	389398	417131	10.04%	0.780%
92	12.380	1747	1750	1753	rBV	400328	449295	10.82%	0.841%
93	12.539	1774	1777	1780	rVB	1096643	879874	21.18%	1.646%
94	12.768	1814	1816	1818	rVB	746142	525934	12.66%	0.984%
95	12.915	1837	1841	1848	rVB	3736271	3496541	84.17%	6.542%
96	13.968	2017	2020	2022	rBV2	647833	606040	14.59%	1.134%
97	14.039	2030	2032	2037	rBV4	325411	388721	9.36%	0.727%
98	15.415	2264	2266	2270	rVB	448163	507120	12.21%	0.949%
99	15.733	2317	2320	2329	rBV8	388823	1169940	28.16%	2.189%
100	16.109	2381	2384	2388	rBV5	466787	912787	21.97%	1.708%

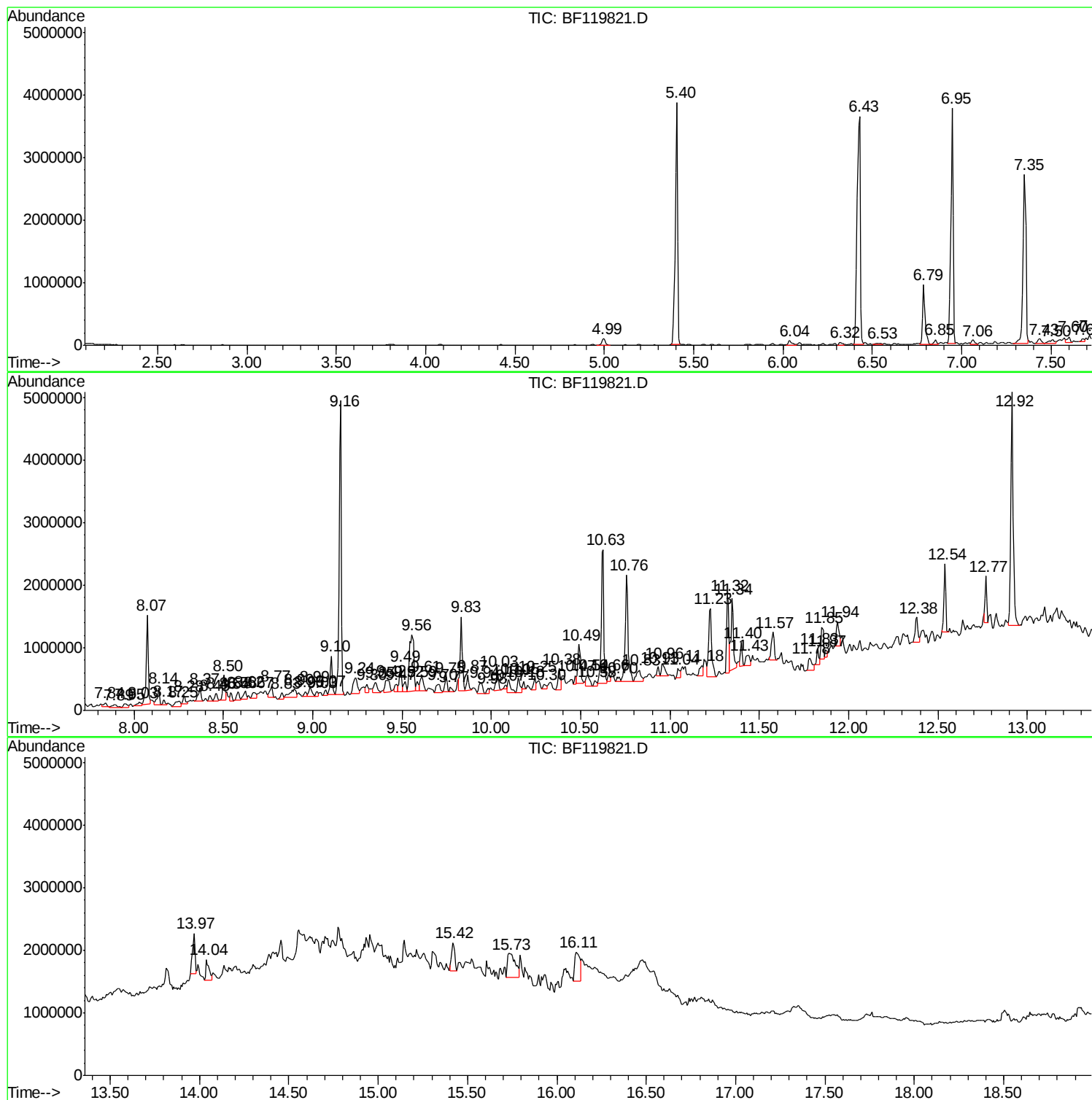
Sum of corrected areas: 53445818

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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.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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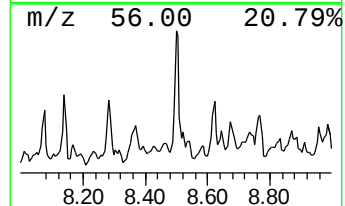
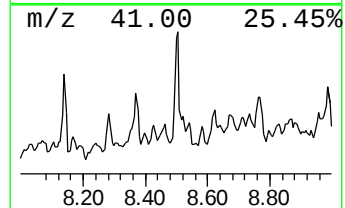
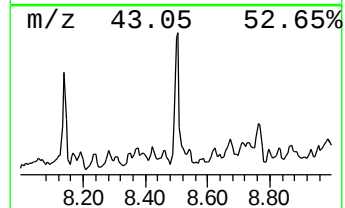
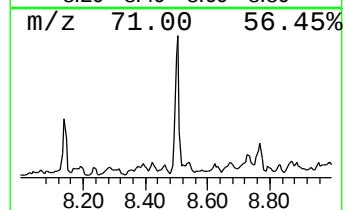
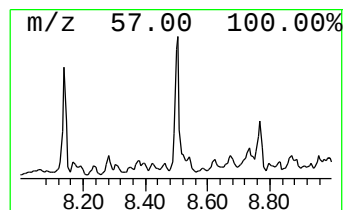
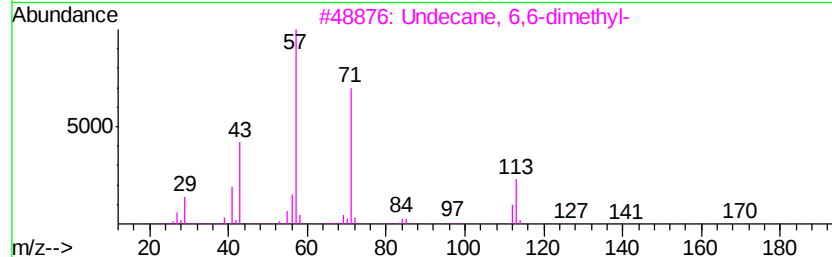
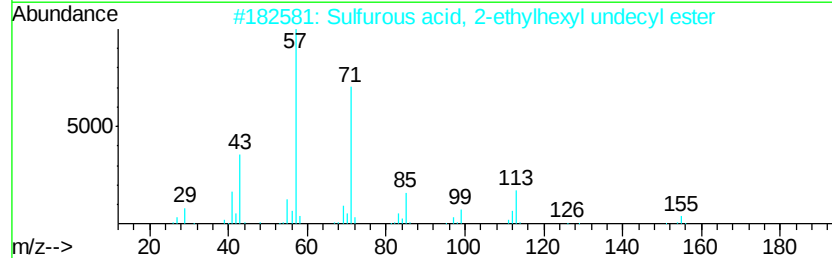
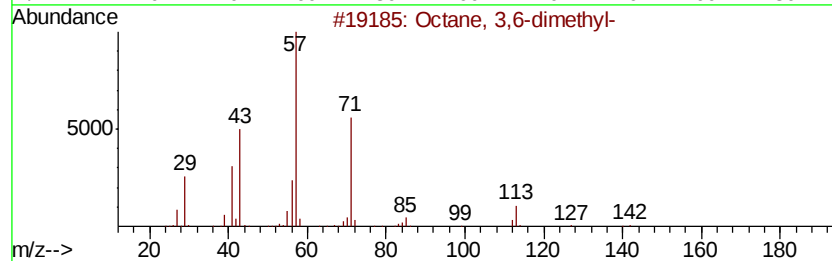
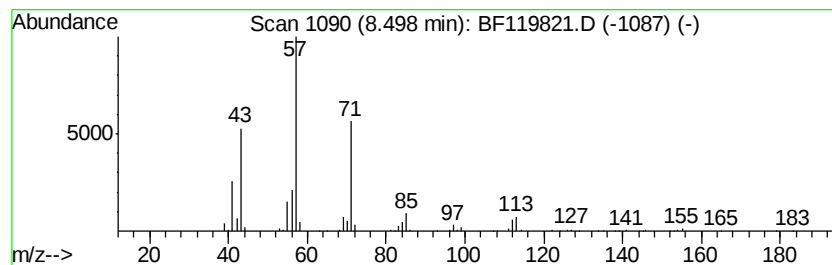
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Octane, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	6.45 ng	401024	Napthalene-d8	8.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	64
2	Sulfurous acid, 2-ethylhexyl und...	348 C19H40O3S	1000309-19-4	64
3	Undecane, 6,6-dimethyl-	184 C13H28	017312-76-4	64
4	Octane, 2,3,7-trimethyl-	156 C11H24	062016-34-6	59
5	Oxalic acid, 2-ethylhexyl nonyl ...	328 C19H36O4	1000309-39-2	59



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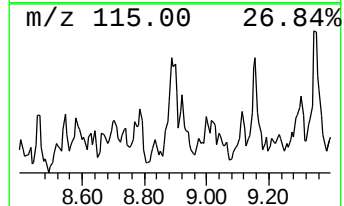
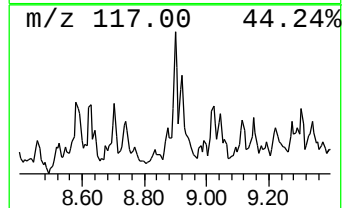
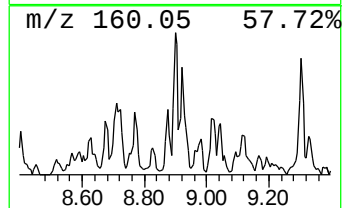
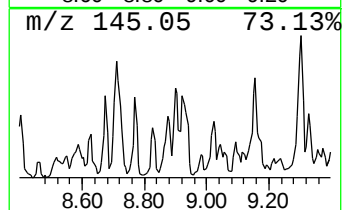
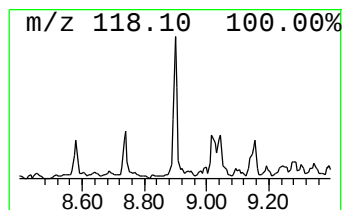
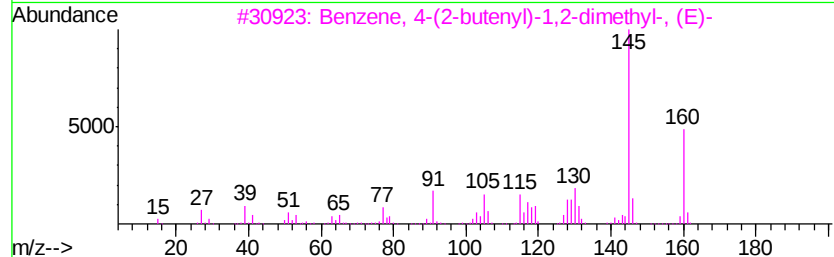
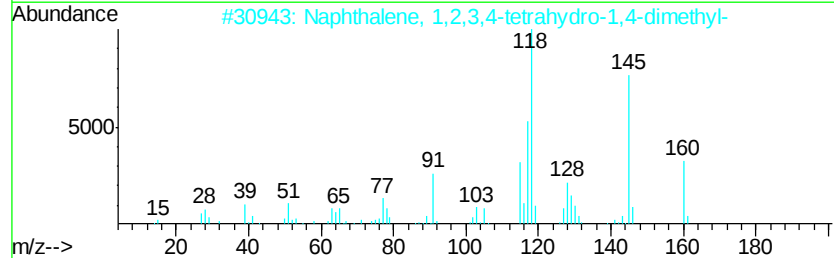
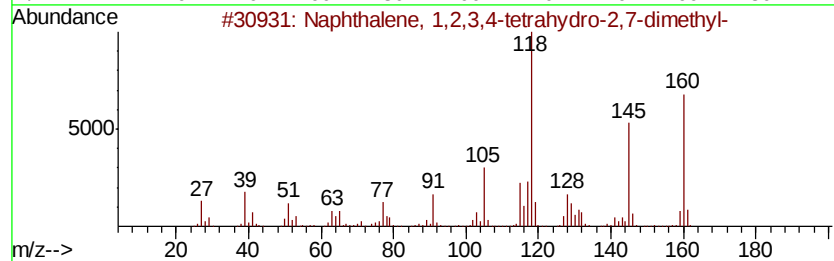
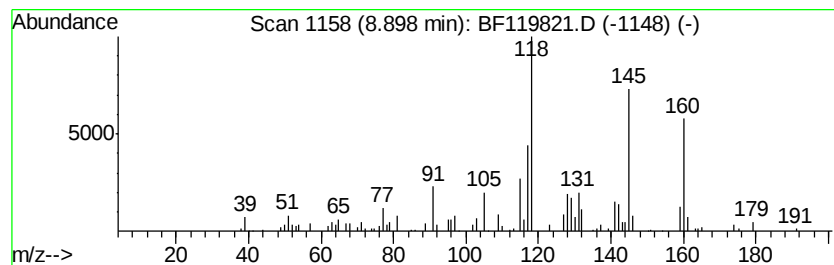
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	5.19 ng	322742	Naphthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	90
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	81
3		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	55
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	49
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	46



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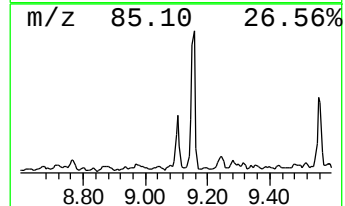
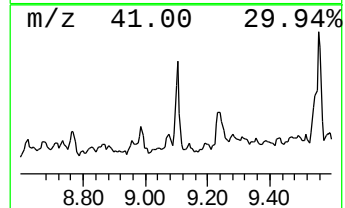
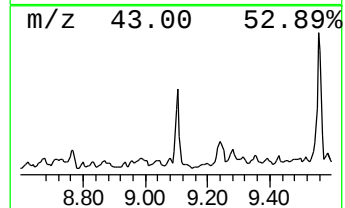
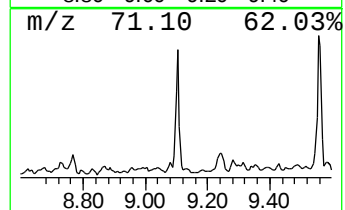
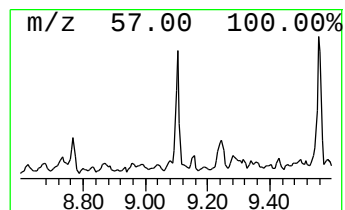
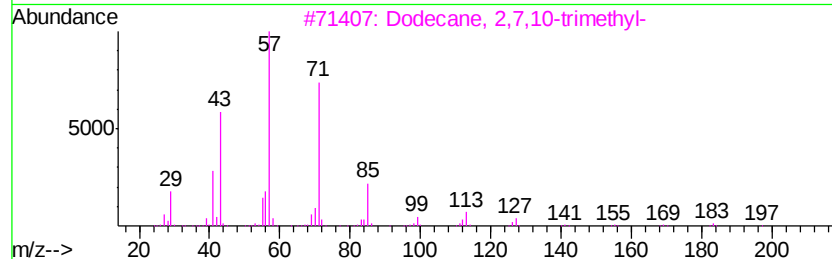
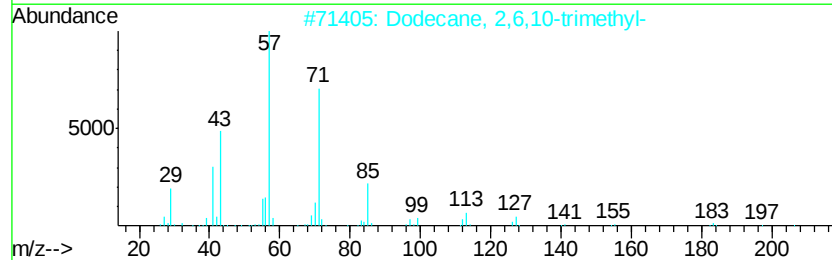
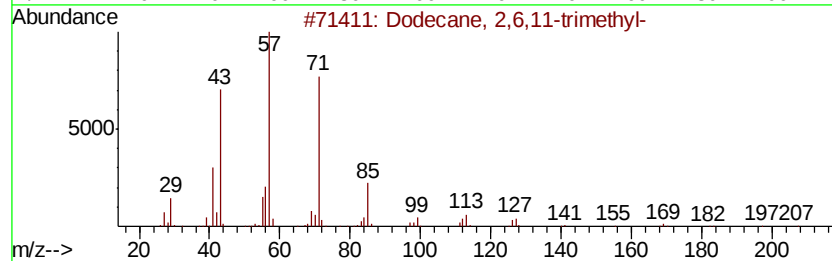
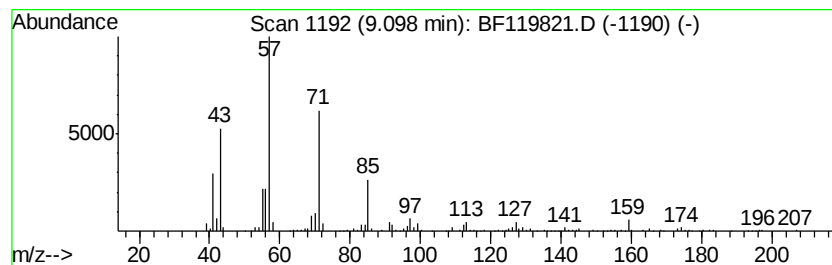
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dodecane, 2,6,11-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	11.05 ng	530619	Acenaphthene-d10	9.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4	80
2	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	72
3	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	72
4	Hexadecane	226 C16H34	000544-76-3	64
5	Heptadecane, 8-methyl-	254 C18H38	013287-23-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119821.D
Acq On : 7 Apr 2020 14:49
Operator : MA/SJ
Sample : L2135-03
Misc :
ALS Vial : 54 Sample Multiplier: 1

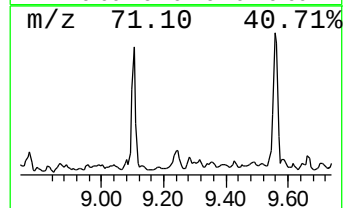
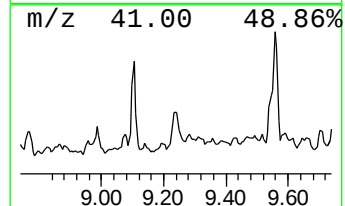
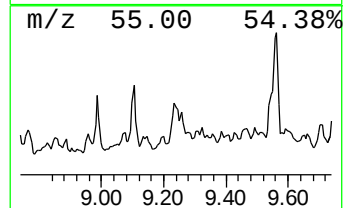
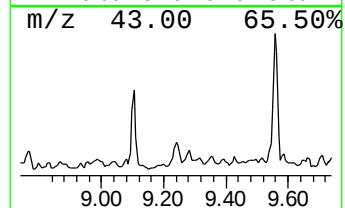
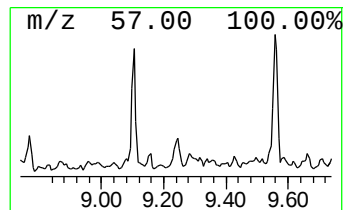
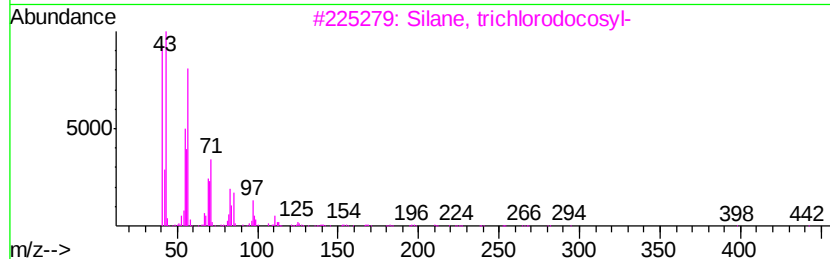
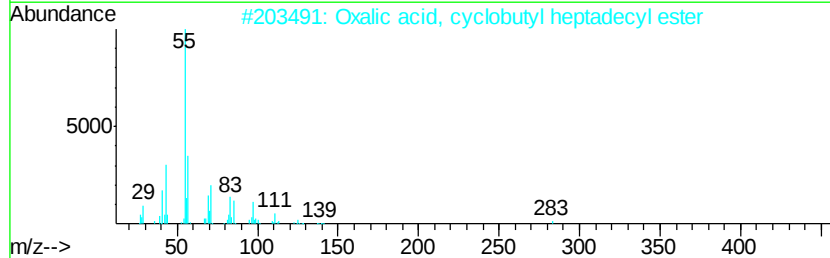
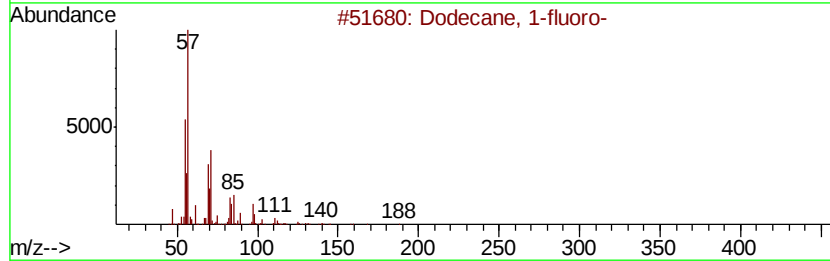
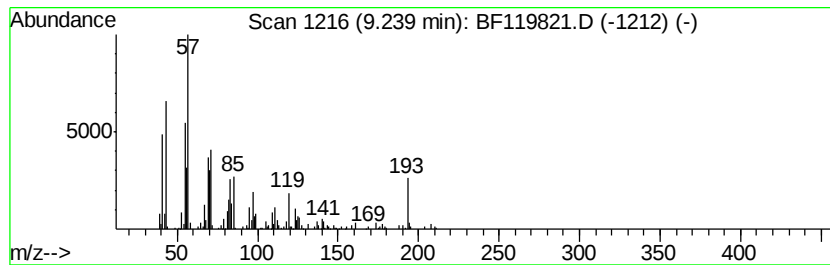
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 1-fluoro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	8.21 ng	394470	Acenaphthene-d10	9.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 1-fluoro-	188 C12H25F	000334-68-9	64
2	Oxalic acid, cyclobutyl heptadec...	382 C23H42O4	1000309-70-7	58
3	Silane, trichlorodocosyl-	442 C22H45Cl3Si	007325-84-0	52
4	1-Decanol, 2-hexyl-	242 C16H34O	002425-77-6	52
5	1-Hexacosanol	382 C26H54O	000506-52-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119821.D
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Operator : MA/SJ
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ALS Vial : 54 Sample Multiplier: 1

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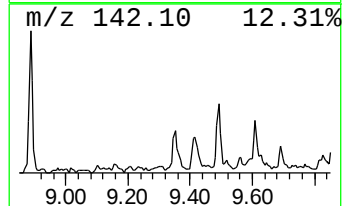
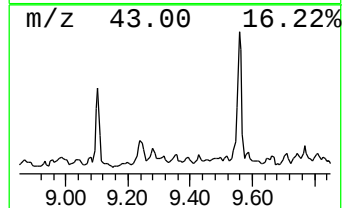
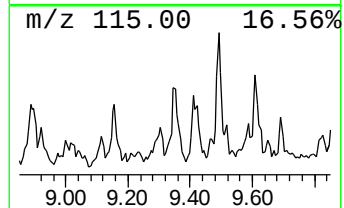
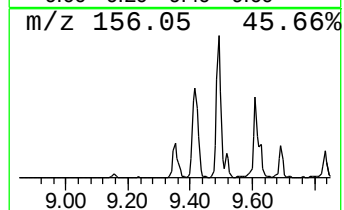
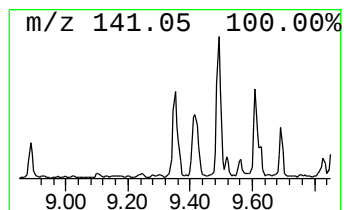
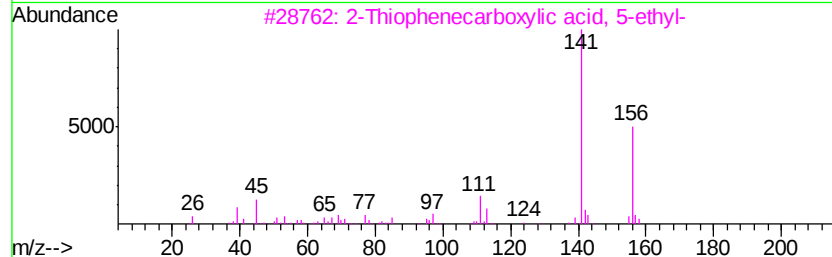
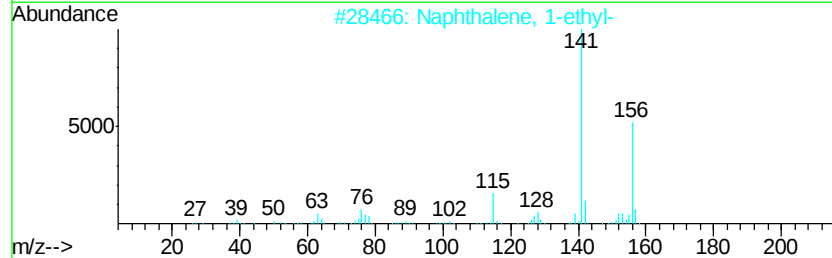
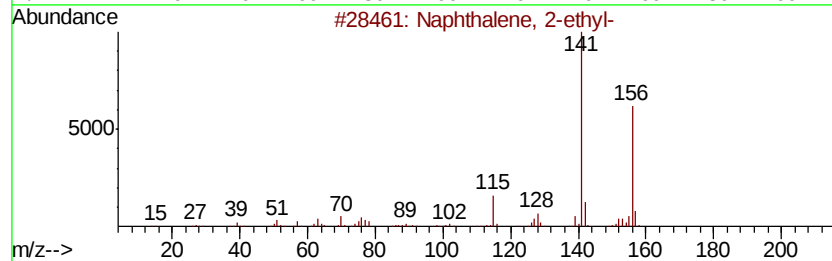
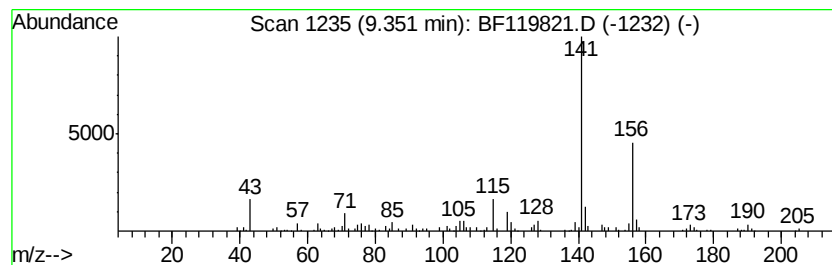
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	5.12 ng	246164	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
3		2-Thiophenecarboxylic acid, 5-ethyl-	156	C7H8O2S	023229-72-3	80
4		Butethal	212	C10H16N2O3	000077-28-1	64
5		Methyl phenylphosphinic acid	156	C7H9O2P	004271-13-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119821.D
Acq On : 7 Apr 2020 14:49
Operator : MA/SJ
Sample : L2135-03
Misc :
ALS Vial : 54 Sample Multiplier: 1

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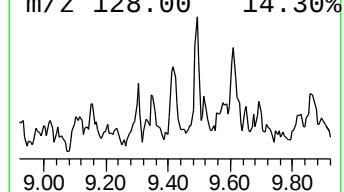
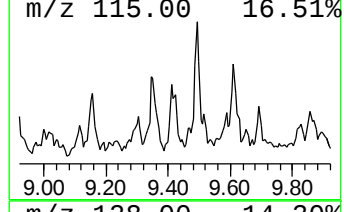
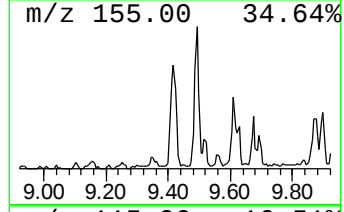
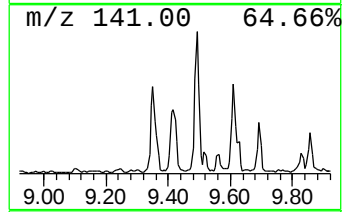
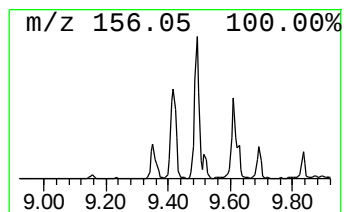
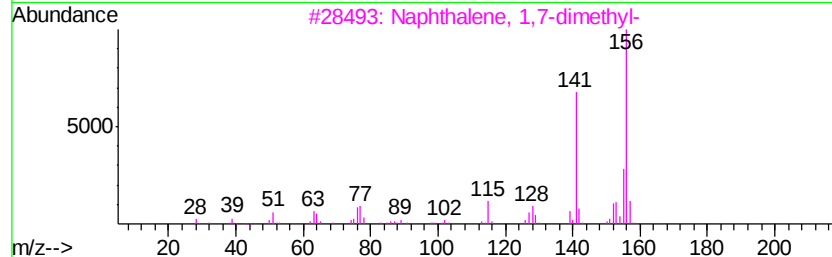
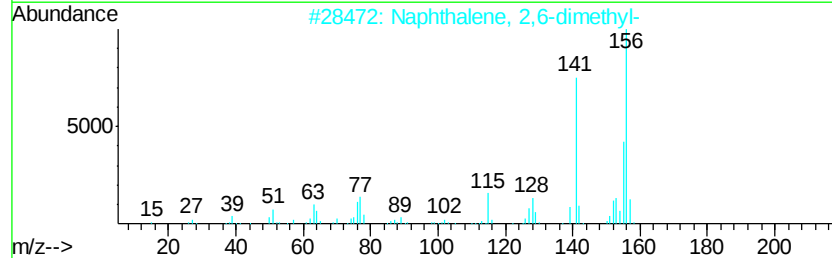
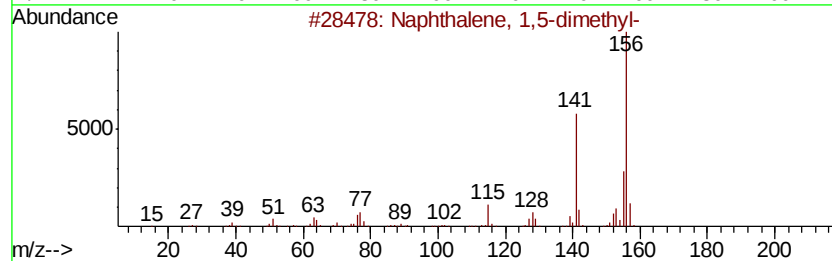
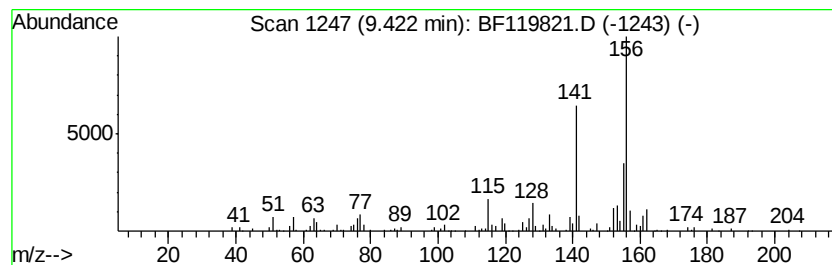
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	6.75 ng	324474	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119821.D
Acq On : 7 Apr 2020 14:49
Operator : MA/SJ
Sample : L2135-03
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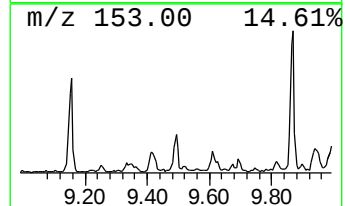
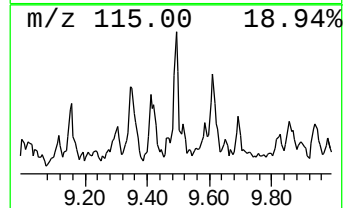
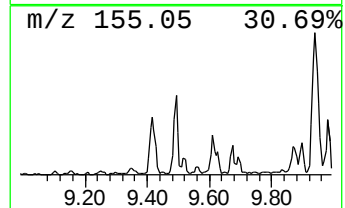
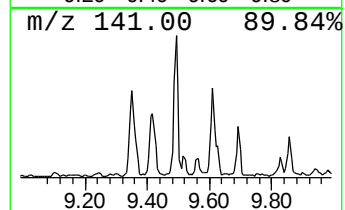
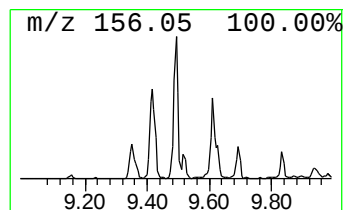
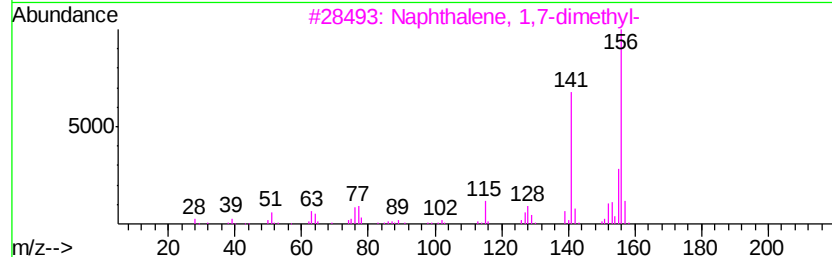
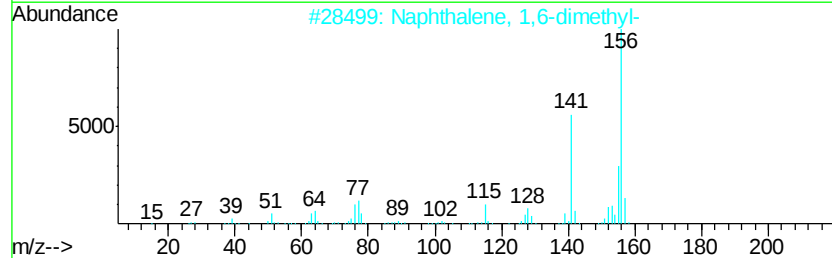
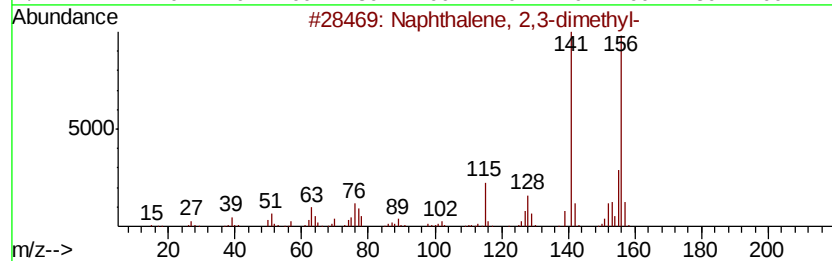
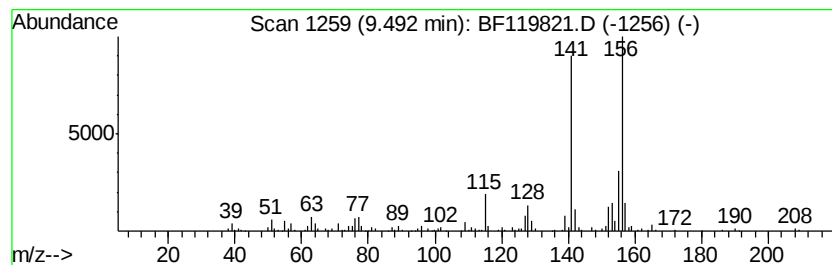
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.49	8.49 ng	407971	Acenaphthene-d10		9.83	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119821.D
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Instrument :
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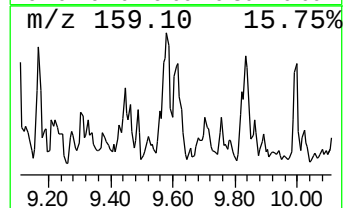
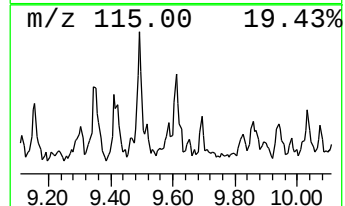
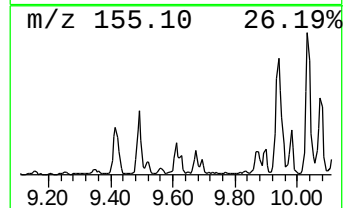
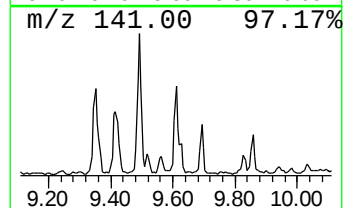
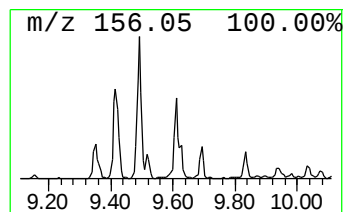
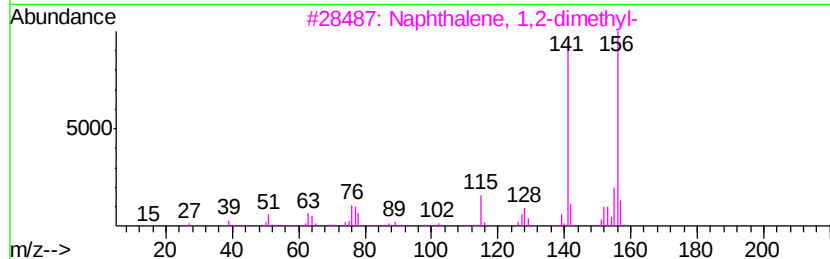
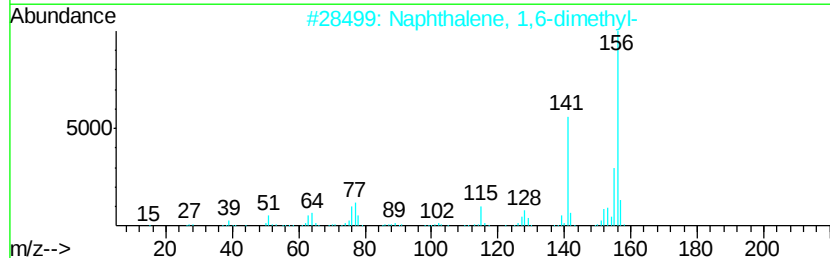
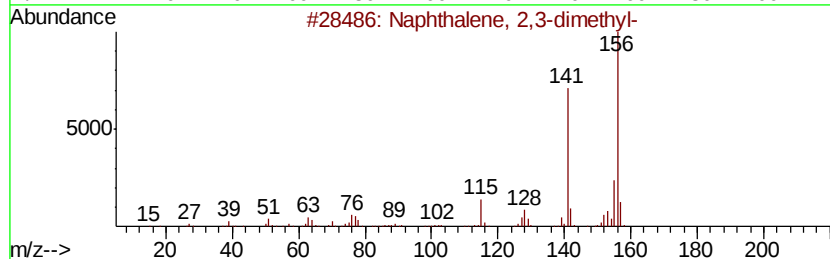
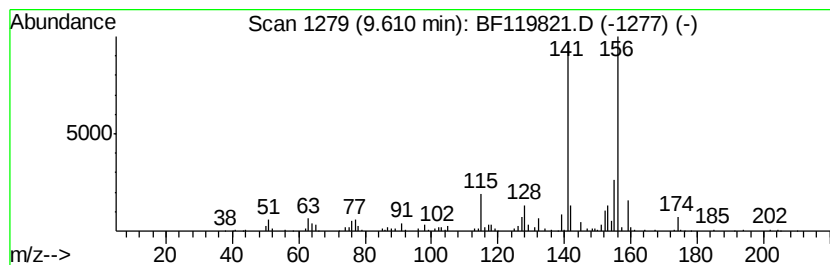
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	5.26 ng	252459	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
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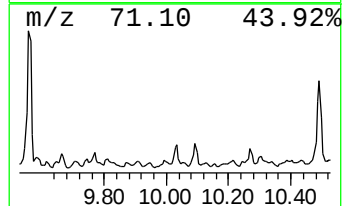
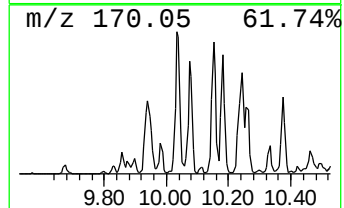
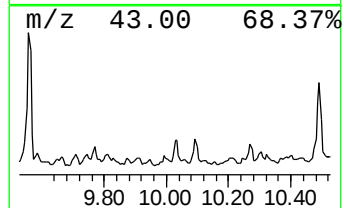
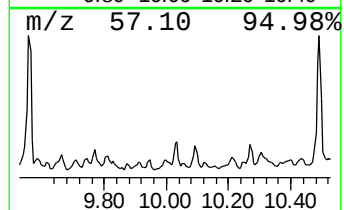
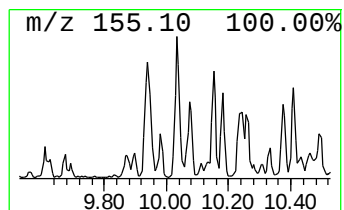
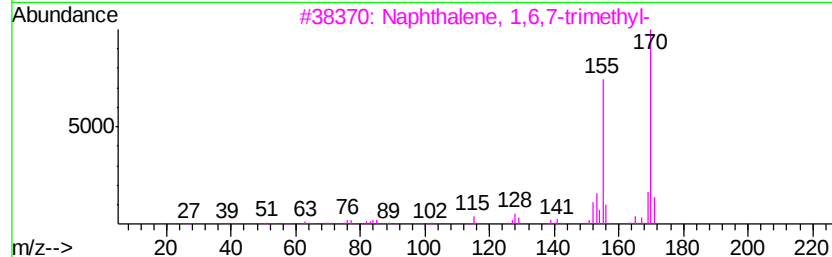
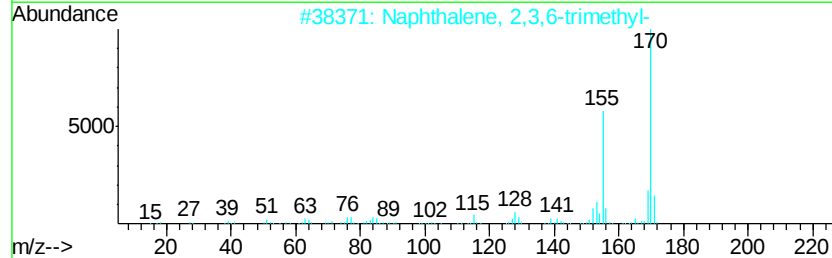
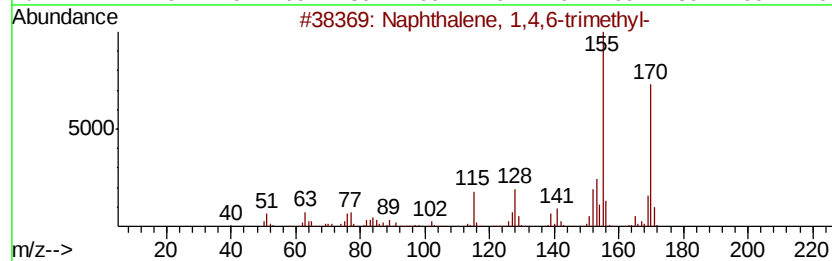
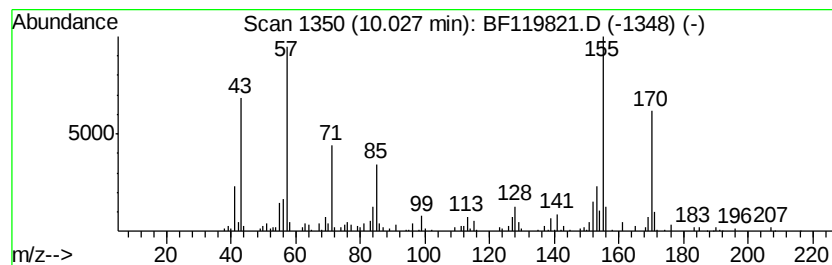
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	5.77 ng	277055	Acenaphthene-d10	9.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
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Acq On : 7 Apr 2020 14:49
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Sample : L2135-03
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ALS Vial : 54 Sample Multiplier: 1

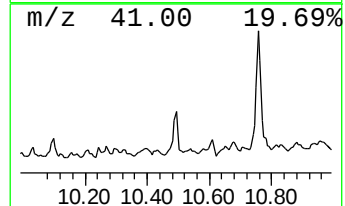
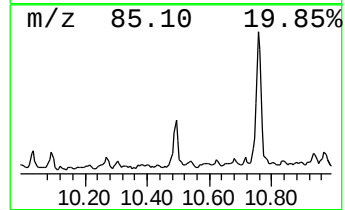
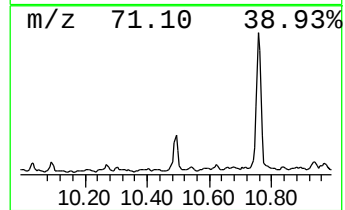
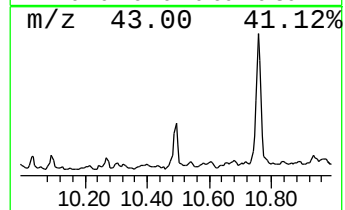
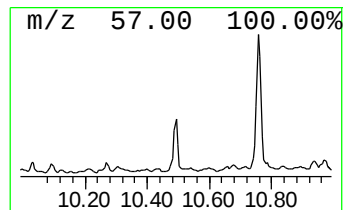
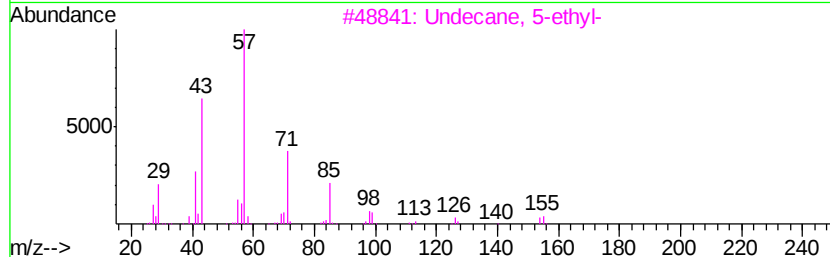
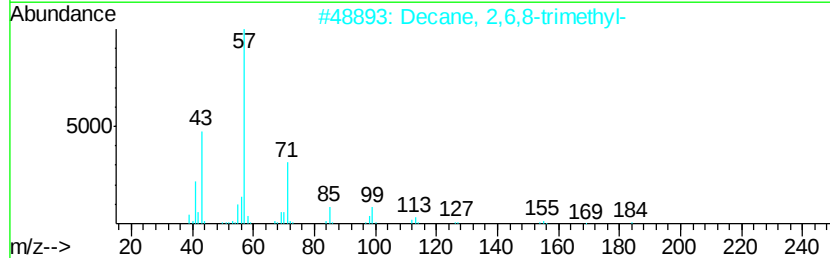
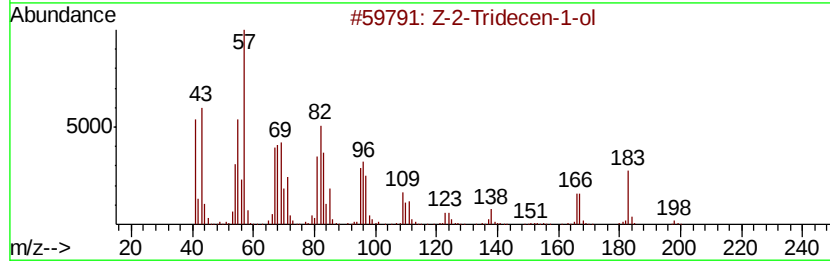
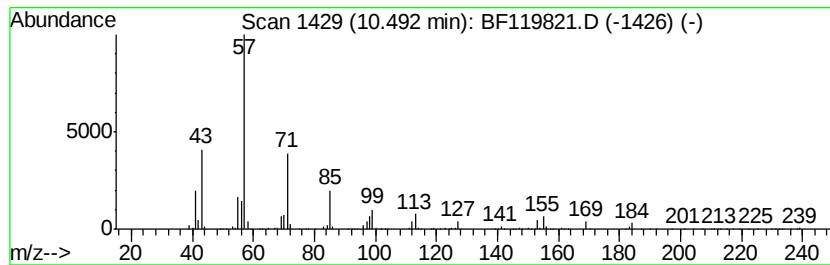
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Z-2-Tridecen-1-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.49	12.49 ng	600110	Acenaphthene-d10	9.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	92
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
3	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
4	Heneicosane	296	C21H44	000629-94-7	53
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119821.D
Acq On : 7 Apr 2020 14:49
Operator : MA/SJ
Sample : L2135-03
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-2E-(0-2)

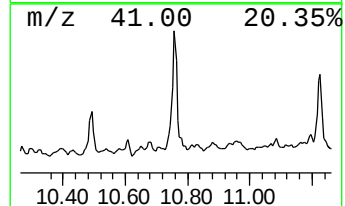
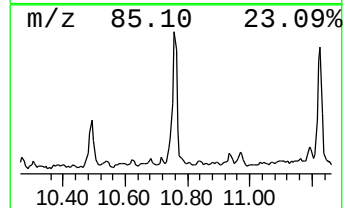
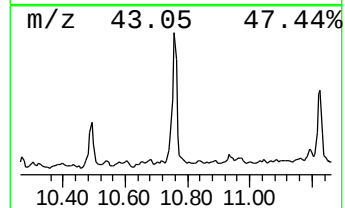
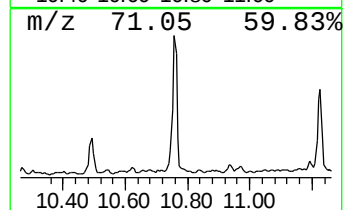
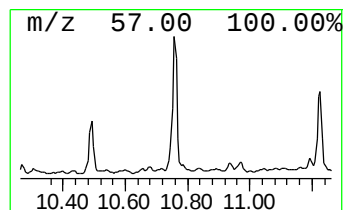
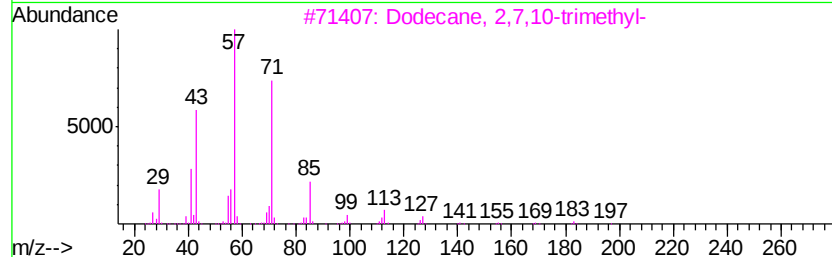
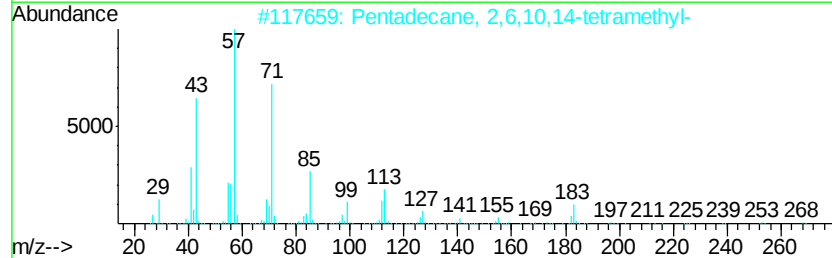
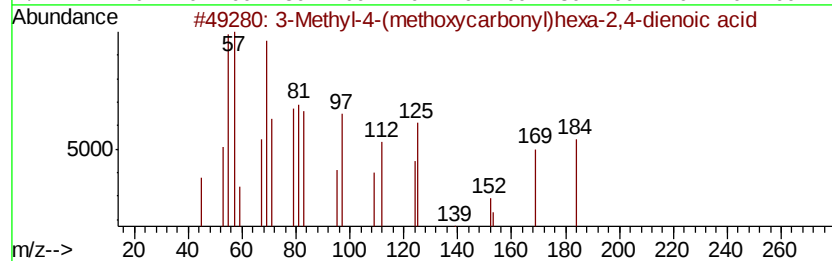
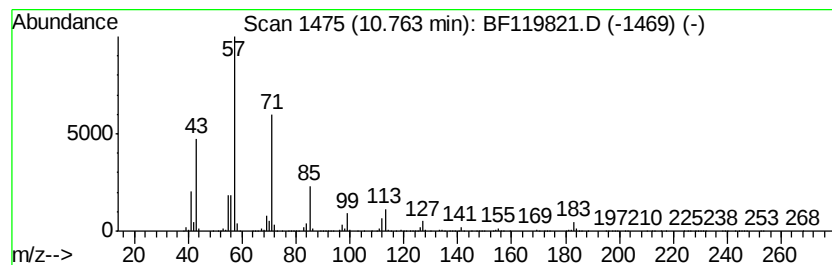
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 3-Methyl-4-(methoxycarbonyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	33.21 ng	1959570	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	91
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119821.D
Acq On : 7 Apr 2020 14:49
Operator : MA/SJ
Sample : L2135-03
Misc :
ALS Vial : 54 Sample Multiplier: 1

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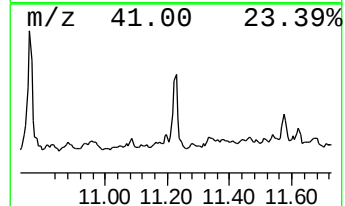
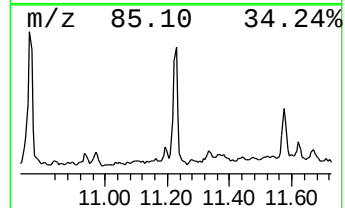
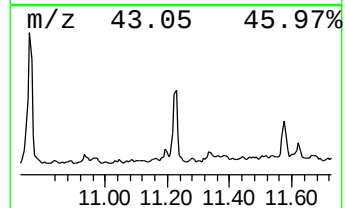
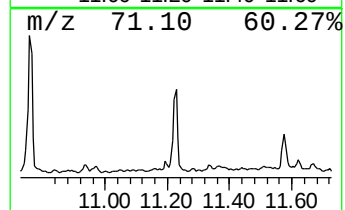
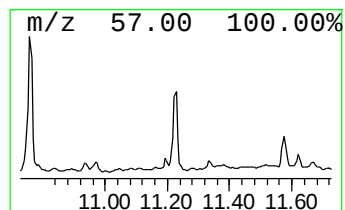
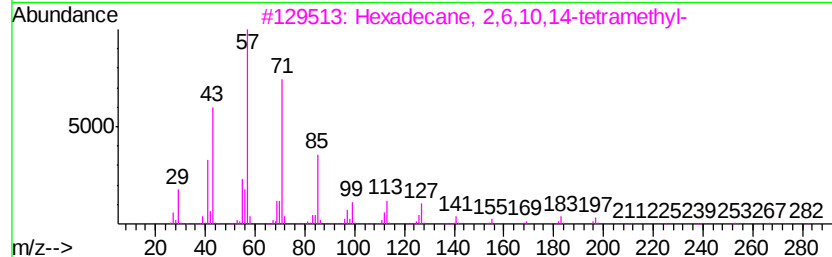
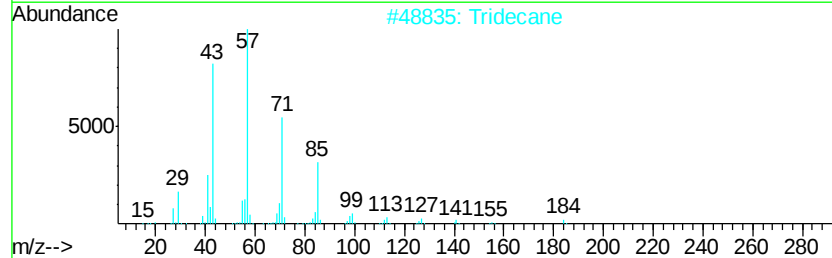
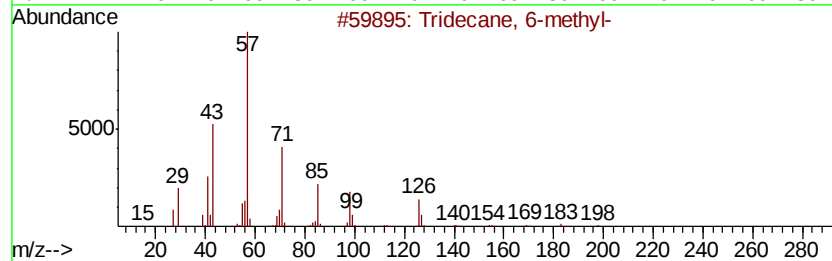
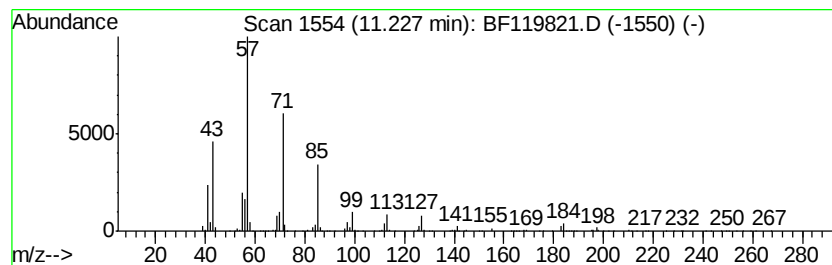
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 6-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	23.11 ng	1363660	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5		Tridecane, 2-methyl-	198	C14H30	001560-96-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119821.D
Acq On : 7 Apr 2020 14:49
Operator : MA/SJ
Sample : L2135-03
Misc :
ALS Vial : 54 Sample Multiplier: 1

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ClientSampleId :
SB-2E-(0-2)

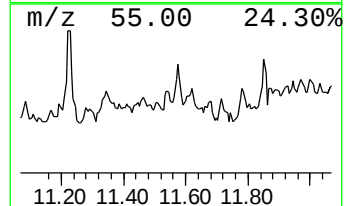
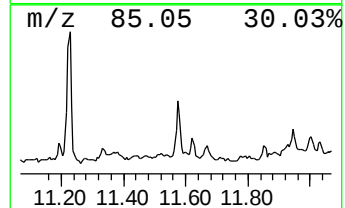
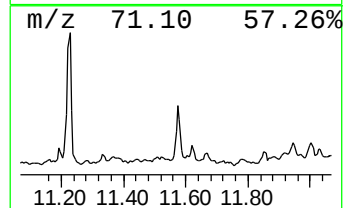
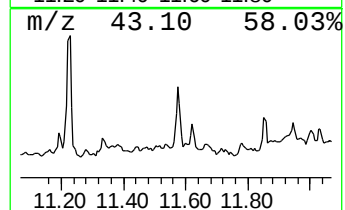
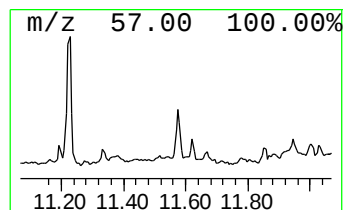
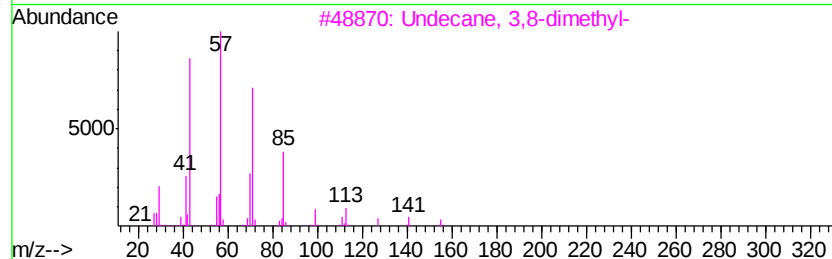
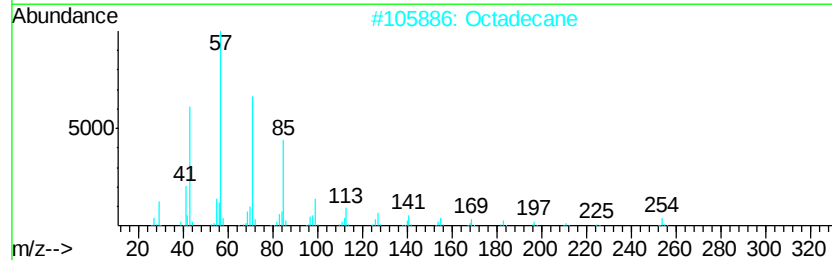
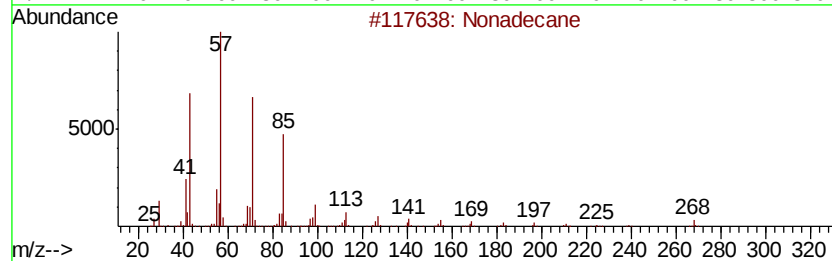
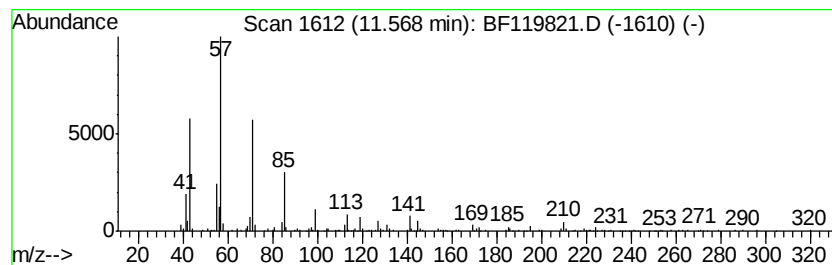
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	7.21 ng	425291	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	86
2			Octadecane	254	C18H38	000593-45-3	86
3			Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	80
4			Tetracosane	338	C24H50	000646-31-1	80
5			Heneicosane	296	C21H44	000629-94-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119821.D
Acq On : 7 Apr 2020 14:49
Operator : MA/SJ
Sample : L2135-03
Misc :
ALS Vial : 54 Sample Multiplier: 1

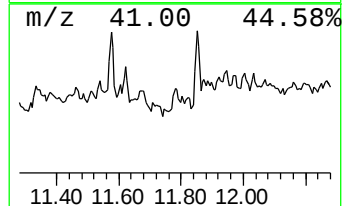
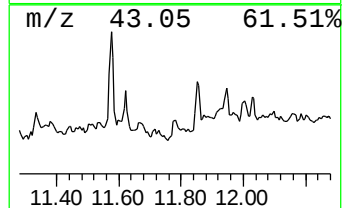
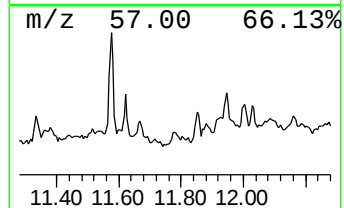
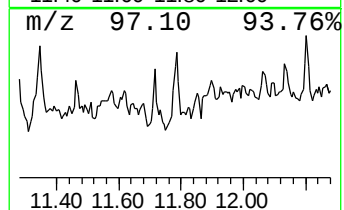
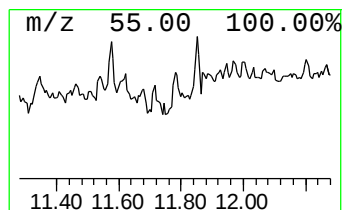
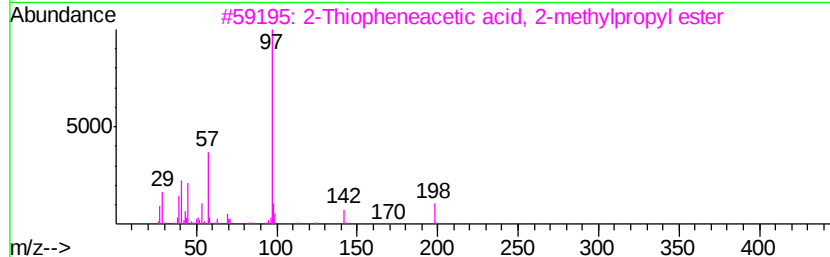
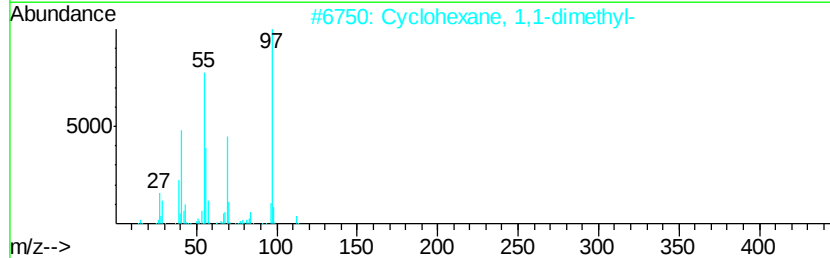
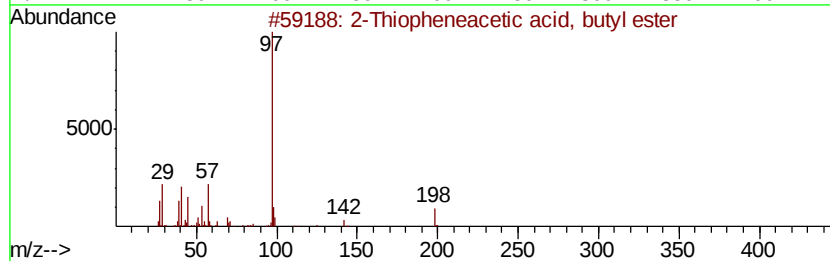
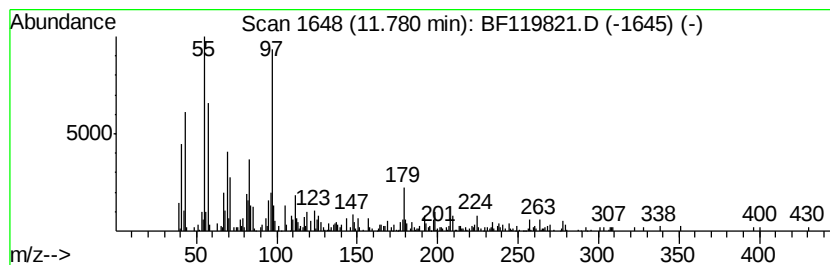
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown11.78 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.78	5.33 ng	314608	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiopheneacetic acid, butyl ester	198	C10H14O2S	060639-72-7	46
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46
3	2-Thiopheneacetic acid, 2-methyl...	198	C10H14O2S	1000278-95-4	46
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	45
5	2-Thiopheneacetic acid, tetradec...	338	C20H34O2S	1000278-91-9	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119821.D
Acq On : 7 Apr 2020 14:49
Operator : MA/SJ
Sample : L2135-03
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2E-(0-2)

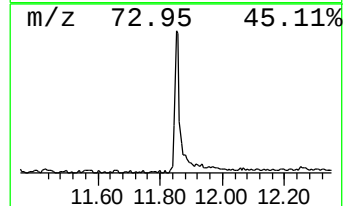
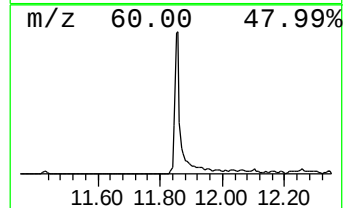
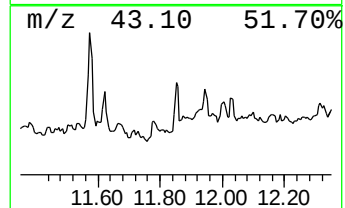
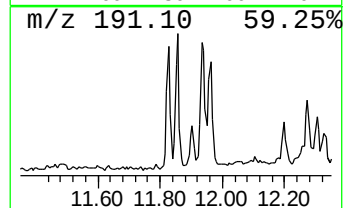
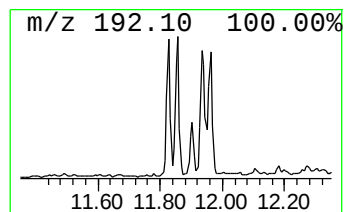
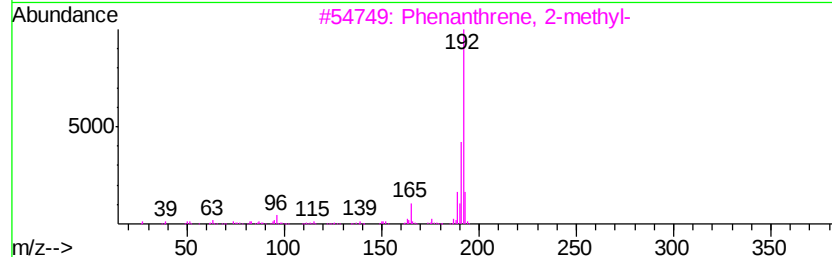
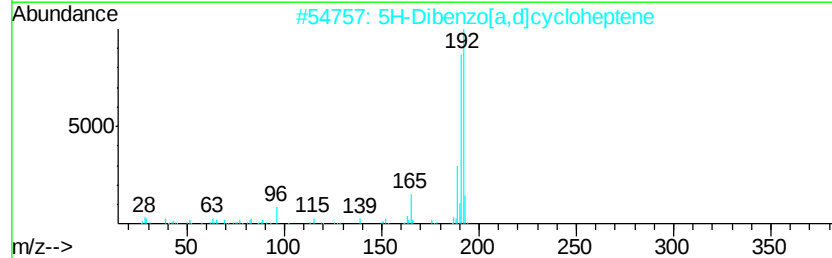
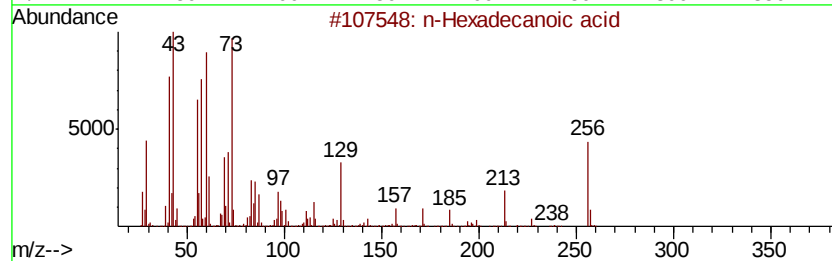
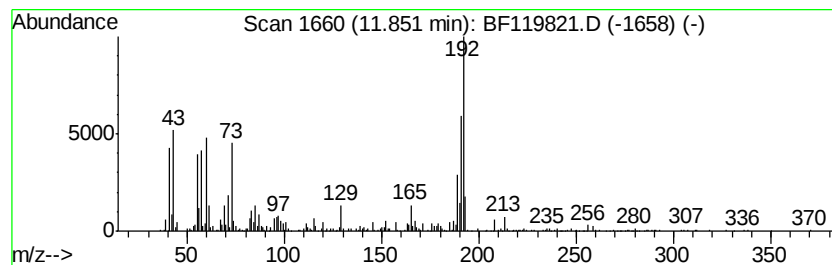
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	7.15 ng	421555	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
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ALS Vial : 54 Sample Multiplier: 1

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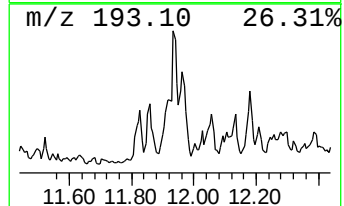
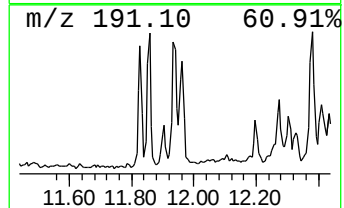
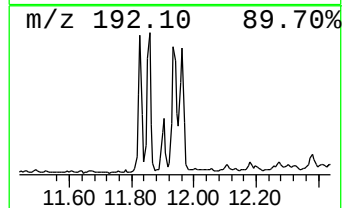
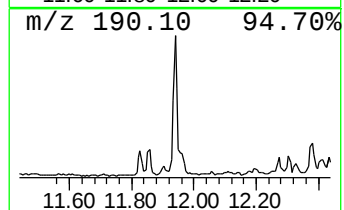
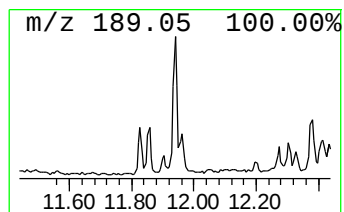
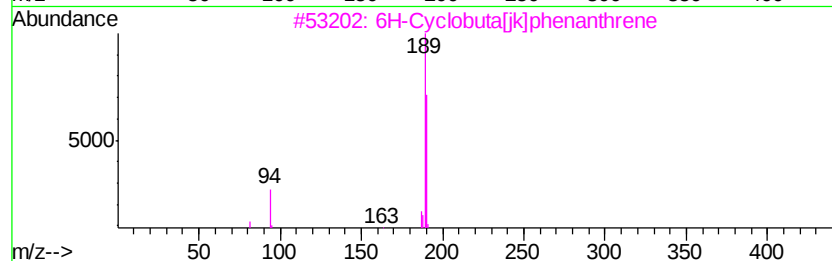
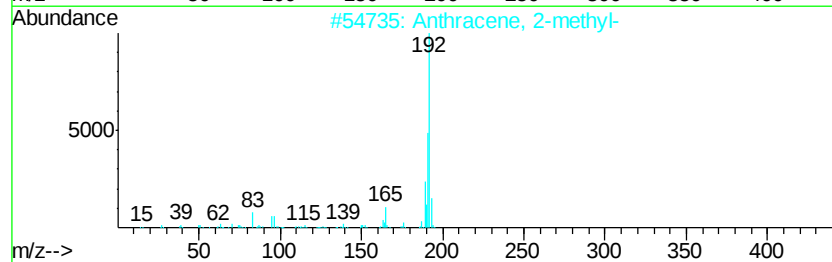
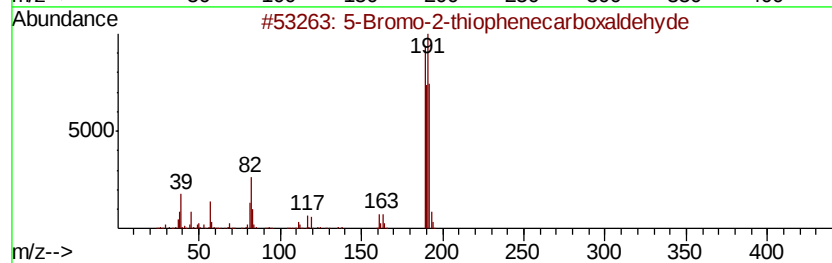
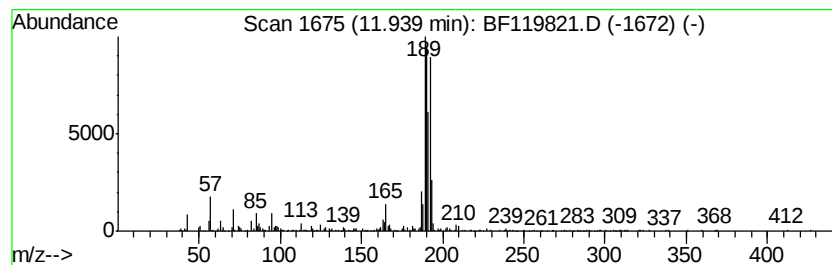
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 5-Bromo-2-thiophenecarboxal... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	7.07 ng	417131	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	53
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
3	6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	43
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119821.D
Acq On : 7 Apr 2020 14:49
Operator : MA/SJ
Sample : L2135-03
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2E-(0-2)

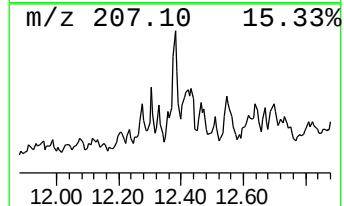
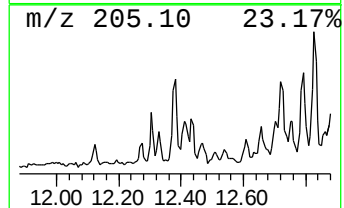
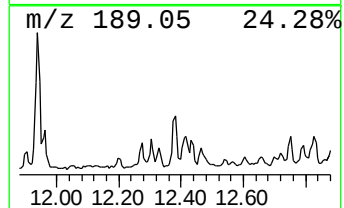
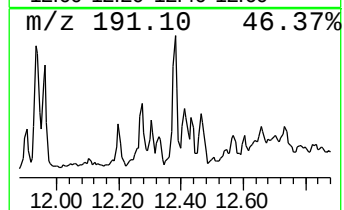
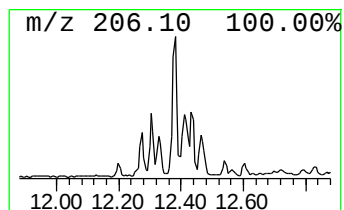
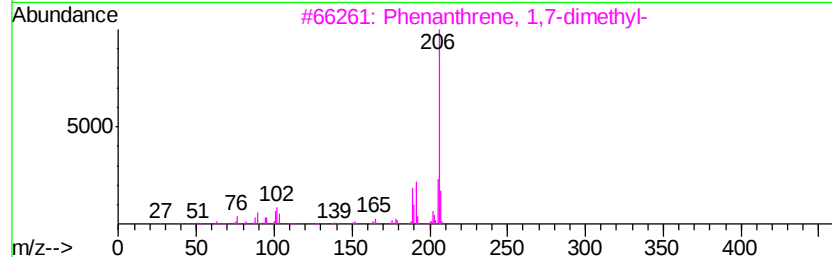
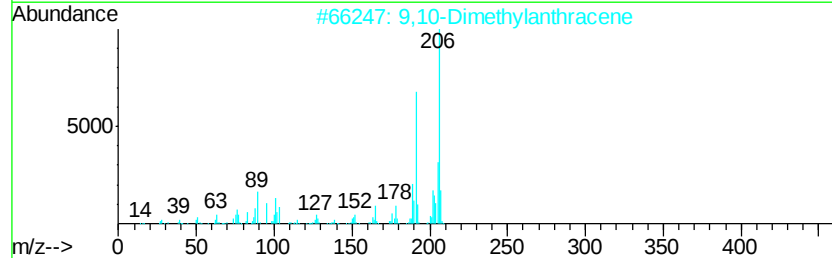
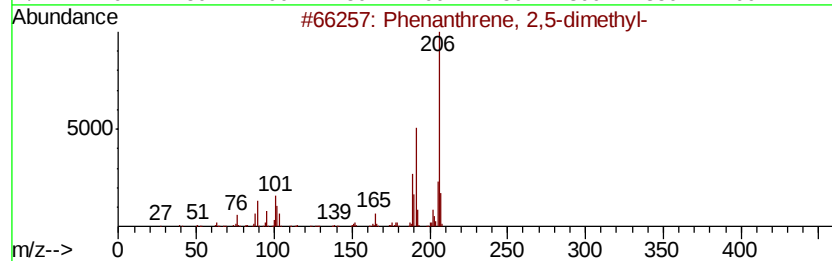
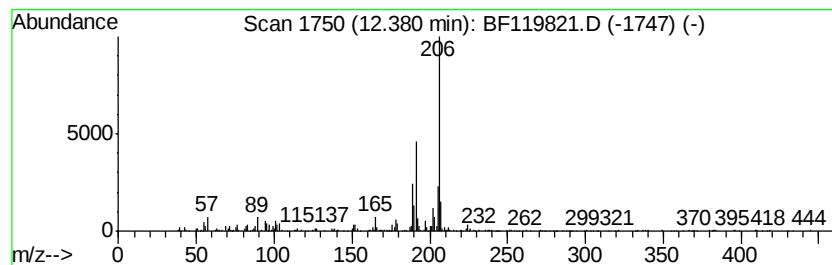
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	7.62 ng	449295	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



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ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2E-(0-2)

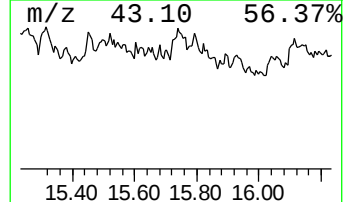
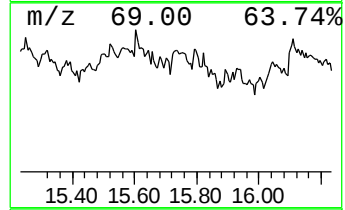
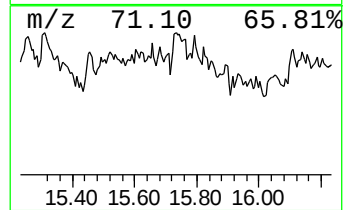
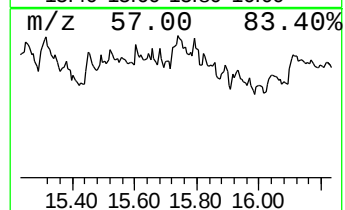
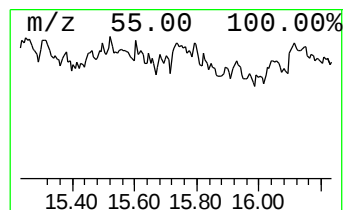
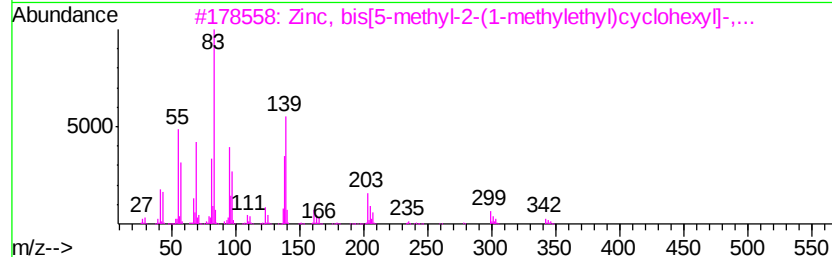
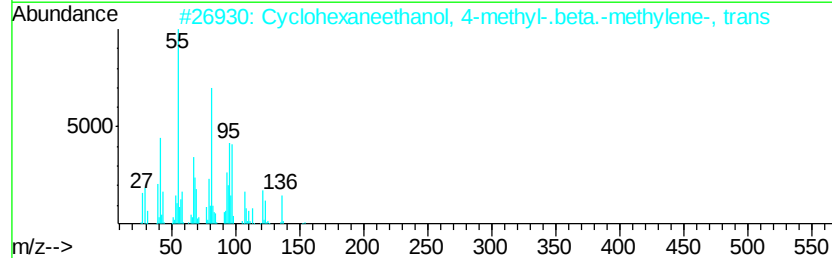
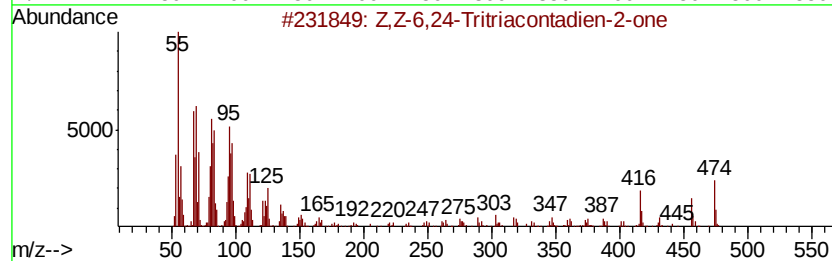
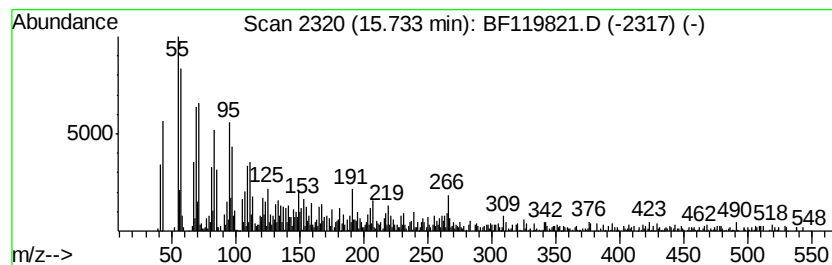
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Z,Z-6,24-Tritriacontadien-2... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	46.14 ng	1169940	Perylene-d12	15.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Z,Z-6,24-Tritriacontadien-2-one	474	C33H62O	1000111-38-8	90
2		Cyclohexaneethanol, 4-methyl-.be...	154	C10H18O	015714-12-2	81
3		Zinc, bis[5-methyl-2-(1-methylet...	342	C20H38Zn	074792-89-5	74
4		2,6,10,14-Tetramethyl-7-(3-methy...	348	C25H48	1000370-41-6	60
5		2-Methyl-E-7-octadecene	266	C19H38	1000130-92-3	60



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Sample : L2135-03
Misc :
ALS Vial : 54 Sample Multiplier: 1

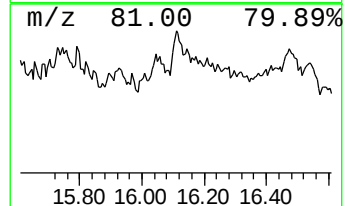
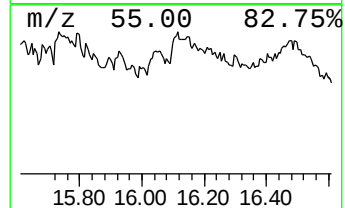
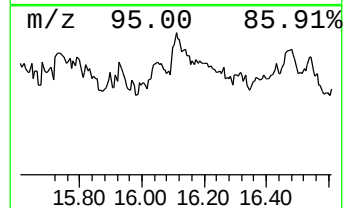
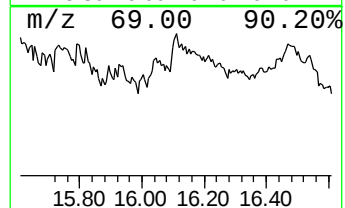
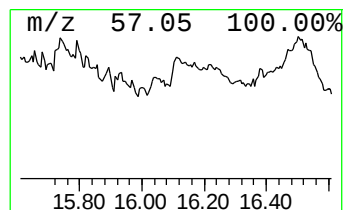
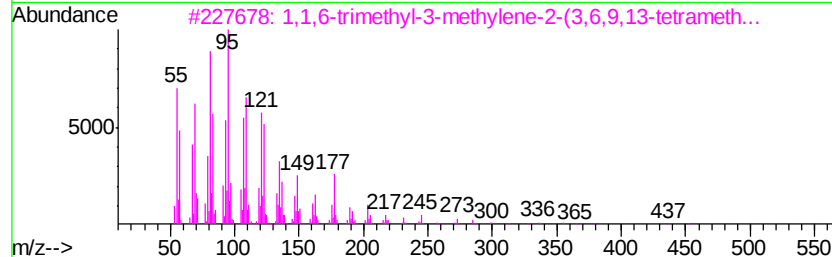
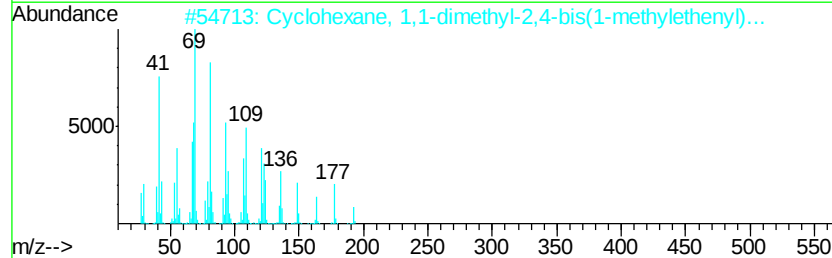
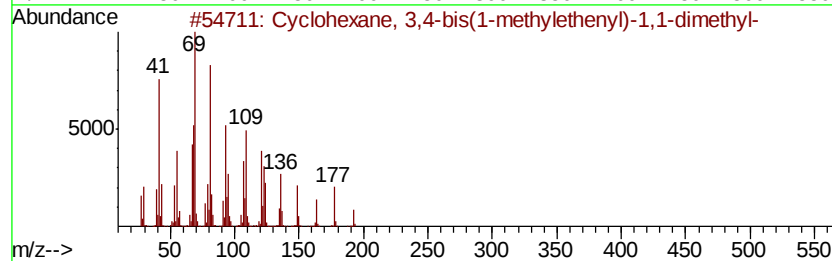
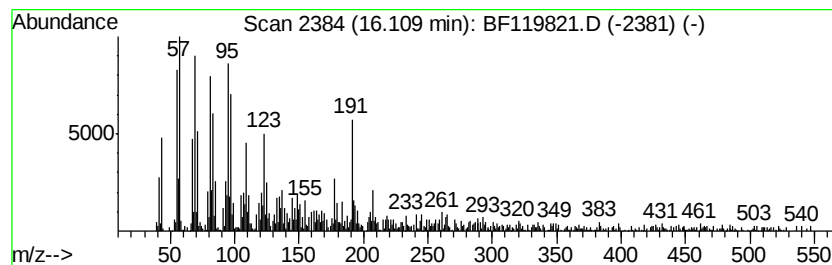
Instrument :
BNA_F
ClientSampleId :
SB-2E-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Cyclohexane, 3,4-bis(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.11	36.00 ng	912787	Perylene-d12	15.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexane, 3,4-bis(1-methyleth...	192	C14H24	061142-74-3	55
2	Cyclohexane, 1,1-dimethyl-2,4-bi...	192	C14H24	062337-98-8	55
3	1,1,6-trimethyl-3-methylene-2-(3...	452	C33H56	1000373-94-5	53
4	Squalene	410	C30H50	000111-02-4	53
5	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	50



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 Operator : MA/SJ
 Sample : L2135-03
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2E-(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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
Octane, 3,6-dimet...	8.50	6.5	ng	401024	2	8.07	1242920	20.0
Naphthalene, 1,2,...	8.90	5.2	ng	322742	2	8.07	1242920	20.0
Dodecane, 2,6,11-...	9.10	11.1	ng	530619	3	9.83	960785	20.0
Dodecane, 1-fluoro-	9.24	8.2	ng	394470	3	9.83	960785	20.0
Naphthalene, 2-et...	9.35	5.1	ng	246164	3	9.83	960785	20.0
Naphthalene, 1,5-...	9.42	6.8	ng	324474	3	9.83	960785	20.0
Naphthalene, 2,3-...	9.49	8.5	ng	407971	3	9.83	960785	20.0
Naphthalene, 1,6-...	9.61	5.3	ng	252459	3	9.83	960785	20.0
Naphthalene, 1,4,...	10.03	5.8	ng	277055	3	9.83	960785	20.0
Z-2-Tridecen-1-ol	10.49	12.5	ng	600110	3	9.83	960785	20.0
3-Methyl-4-(metho...	10.76	33.2	ng	1959570	4	11.32	1179960	20.0
Tridecane, 6-methyl-	11.23	23.1	ng	1363660	4	11.32	1179960	20.0
Nonadecane	11.57	7.2	ng	425291	4	11.32	1179960	20.0
unknown11.78	11.78	5.3	ng	314608	4	11.32	1179960	20.0
n-Hexadecanoic acid	11.85	7.2	ng	421555	4	11.32	1179960	20.0
5-Bromo-2-thiophe...	11.94	7.1	ng	417131	4	11.32	1179960	20.0
Phenanthrene, 2,5...	12.38	7.6	ng	449295	4	11.32	1179960	20.0
Z,Z-6,24-Tritriac...	15.73	46.1	ng	1169940	6	15.42	507120	20.0
Cyclohexane, 3,4-...	16.11	36.0	ng	912787	6	15.42	507120	20.0