LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111773.D
Acq On : 27 Dec 2018 20:07
Operator : JU/SJ
Sample : J6549-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BF121918.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	2.216	16	22	28	rVB	308692	398764	9.56%	0.346%
2	4.016	323	328	335	rBV	689823	894611	21.46%	0.777%
3	5.545	585	588	592	rVB	2035909	1885376	45.22%	1.638%
4	5.763	622	625	629	rVB	1489094	1381801	33.14%	1.200%
5	6.516	748	753	755	rBV2	1155068	1154718	27.70%	1.003%
6	6.551	755	759	763	rVB2	1399070	1434256	34.40%	1.246%
7	6.598	763	767	770	rBV	1069154	904501	21.69%	0.786%
8	6.686	778	782	785	rVV	3620236	3242000	77.76%	2.816%
9	6.745	788	792	799	rBV	1055984	1126635	27.02%	0.979%
10	6.910	812	820	821	rBV2	1022058	1168874	28.03%	1.015%
11	6.928	821	823	827	rVB2	529713	567652	13.61%	0.493%
12	6.969	827	830	834	rVB	2035790	1818477	43.62%	1.580%
13	7.069	842	847	849	rVV	3534832	3297776	79.10%	2.865%
14	7.157	860	862	865	rVV2	287200	364842	8.75%	0.317%
15	7.186	865	867	869	rVB	904941	661805	15.87%	0.575%
16	7.228	869	874	876	rBV2	1366365	1468704	35.23%	1.276%
17	7.245	876	877	882	rVB2	612878	591920	14.20%	0.514%
18	7.298	882	886	890	rBV3	808742	1001134	24.01%	0.870%
19	7.357	890	896	898	rBV5	181232	326544	7.83%	0.284%
20	7.445	907	911	913	rBV2	1498848	1753115	42.05%	1.523%
21	7.469	913	915	919	rVV2	2470958	2294719	55.04%	1.993%
22	7.504	919	921	925	rVB	1985374	1743792	41.82%	1.515%
23	7.557	925	930	933	rVB6	487679	636284	15.26%	0.553%
24	7.592	933	936	938	rBV2	547429	544614	13.06%	0.473%
25	7.681	943	951	954	rBV2	1366025	1894526	45.44%	1.646%
26	7.704	954	955	959	rVV	649959	503917	12.09%	0.438%
27	7.792	967	970	972	rBV3	307518	368319	8.83%	0.320%
28	7.845	975	979	981	rBV3	361504	405356	9.72%	0.352%
29	7.922	987	992	997	rBV3	2690204	3946852	94.66%	3.429%
30	8.081	1017	1019	1026	rVB2	310409	414726	9.95%	0.360%
31	8.175	1032	1035	1036	rBV	591225	573425	13.75%	0.498%
32	8.192	1036	1038	1040	rVB	1103820	805631	19.32%	0.700%
33	8.239	1044	1046	1050	rVB4	463195	687650	16.49%	0.597%
34	8.328	1057	1061	1063	rBV2	463359	572379	13.73%	0.497%

LSC Area Percent Report

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Acq On : 27 Dec 2018 20:07
Operator : JU/SJ
Sample : J6549-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.410	1069	1075	1078	rBV3	606302	1203726	28.87%	1.046%
36	8.463	1081	1084	1086	rVB3	729434	766829	18.39%	0.666%
37	8.492	1086	1089	1093	rVB4	1664240	2680589	64.29%	2.329%
38	8.533	1093	1096	1098	rBV2	921047	874219	20.97%	0.759%
39	8.569	1099	1102	1104	rBV2	462949	611101	14.66%	0.531%
40	8.610	1107	1109	1112	rVB	566459	482190	11.57%	0.419%
41	8.686	1114	1122	1123	rBV	1133488	2002020	48.02%	1.739%
42	8.739	1128	1131	1134	rVB	1444365	1565810	37.56%	1.360%
43	8.780	1136	1138	1139	rBV2	570931	427741	10.26%	0.372%
44	8.880	1151	1155	1157	rVV2	358946	387321	9.29%	0.336%
45	8.969	1167	1170	1172	rVB3	522388	354365	8.50%	0.308%
46	9.039	1177	1182	1184	rVB2	448676	494977	11.87%	0.430%
47	9.069	1184	1187	1188	rBV2	526683	563207	13.51%	0.489%
48	9.104	1190	1193	1196	rVV3	672138	939433	22.53%	0.816%
49	9.145	1198	1200	1202	rVV	472031	398109	9.55%	0.346%
50	9.186	1205	1207	1210	rVV2	901258	1229262	29.48%	1.068%
51	9.210	1210	1211	1214	rVV2	1069662	1047187	25.12%	0.910%
52	9.263	1217	1220	1223	rVB	4243482	4169359	100.00%	3.622%
53	9.345	1232	1234	1239	rBV2	794459	999556	23.97%	0.868%
54	9.604	1275	1278	1280	rBV	457426	511807	12.28%	0.445%
55	9.627	1280	1282	1284	rVB2	705661	584411	14.02%	0.508%
56	9.669	1284	1289	1291	rBV3	1845247	2058634	49.38%	1.788%
57	9.727	1296	1299	1301	rBV	499438	508463	12.20%	0.442%
58	9.827	1312	1316	1318	rBV	654895	772421	18.53%	0.671%
59	9.874	1322	1324	1326	rVV	497785	441996	10.60%	0.384%
60	9.916	1328	1331	1334	rVV	857353	1005810	24.12%	0.874%
61	9.945	1334	1336	1340	rVB	1053140	1005199	24.11%	0.873%
62	10.104	1361	1363	1367	rVV3	477842	863678	20.71%	0.750%
63	10.139	1367	1369	1372	rVV	583030	640994	15.37%	0.557%
64	10.169	1372	1374	1376	rVV2	351465	339193	8.14%	0.295%
65	10.198	1376	1379	1383	rVV3	673845	1027292	24.64%	0.892%
66	10.233	1383	1385	1388	rVB	378752	313643	7.52%	0.272%
67	10.598	1441	1447	1449	rBV	962041	1224630	29.37%	1.064%
68	10.704	1458	1465	1466	rBV2	705275	1132566	27.16%	0.984%
69	10.739	1469	1471	1476	rVB	2484171	2289775	54.92%	1.989%
70	10.869	1487	1493	1499	rBV2	2357164	3301307	79.18%	2.868%
71	10.922	1499	1502	1505	rVV	2316288	2331272	55.91%	2.025%

LSC Area Percent Report

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Acq On : 27 Dec 2018 20:07
Operator : JU/SJ
Sample : J6549-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.957	1505	1508	1511	rVV2	3023183	3487737	83.65%	3.030%
73	10.992	1511	1514	1516	rVV	3149307	2694476	64.63%	2.341%
74	11.016	1516	1518	1520	rVV	1769387	1276576	30.62%	1.109%
75	11.057	1520	1525	1526	rVV2	1320726	1881173	45.12%	1.634%
76	11.074	1526	1528	1530	rVV2	927569	852504	20.45%	0.741%
77	11.104	1530	1533	1536	rVV3	2143939	2425172	58.17%	2.107%
78	11.139	1536	1539	1541	rVV	2699973	2346064	56.27%	2.038%
79	11.163	1541	1543	1544	rVV	963040	888829	21.32%	0.772%
80	11.180	1544	1546	1550	rVB3	1508736	1456525	34.93%	1.265%
81	11.298	1563	1566	1568	rBV2	339073	318146	7.63%	0.276%
82	11.327	1568	1571	1577	rVB2	1417323	1645576	39.47%	1.430%
83	11.439	1587	1590	1593	rBV	1281130	1175492	28.19%	1.021%
84	11.474	1593	1596	1601	rVV	473291	748975	17.96%	0.651%
85	11.610	1616	1619	1622	rVB	494153	418020	10.03%	0.363%
86	11.645	1622	1625	1627	rBV	482577	424453	10.18%	0.369%
87	11.680	1628	1631	1634	rVV	526350	467666	11.22%	0.406%
88	11.886	1664	1666	1672	rVV	470478	640327	15.36%	0.556%
89	11.963	1676	1679	1681	rBV2	510612	481764	11.55%	0.419%
90	12.074	1695	1698	1701	rVB	361915	334726	8.03%	0.291%
91	13.021	1854	1859	1862	rBV	3981277	3767947	90.37%	3.273%
92	13.915	2008	2011	2014	rVB	439404	377710	9.06%	0.328%
93	14.074	2035	2038	2041	rVB	914424	784777	18.82%	0.682%
94	14.233	2062	2065	2068	rVB	551458	463351	11.11%	0.403%
95	14.539	2114	2117	2123	rBV	634379	580125	13.91%	0.504%
96	14.851	2167	2170	2174	rVB	637776	615326	14.76%	0.535%
97	15.198	2226	2229	2240	rVB	559117	647840	15.54%	0.563%
98	15.562	2288	2291	2294	rBV	437814	619881	14.87%	0.539%
99	15.592	2294	2296	2306	rVB	441943	498706	11.96%	0.433%
100	16.039	2369	2372	2380	rVB	289089	404672	9.71%	0.352%

Sum of corrected areas: 115110323

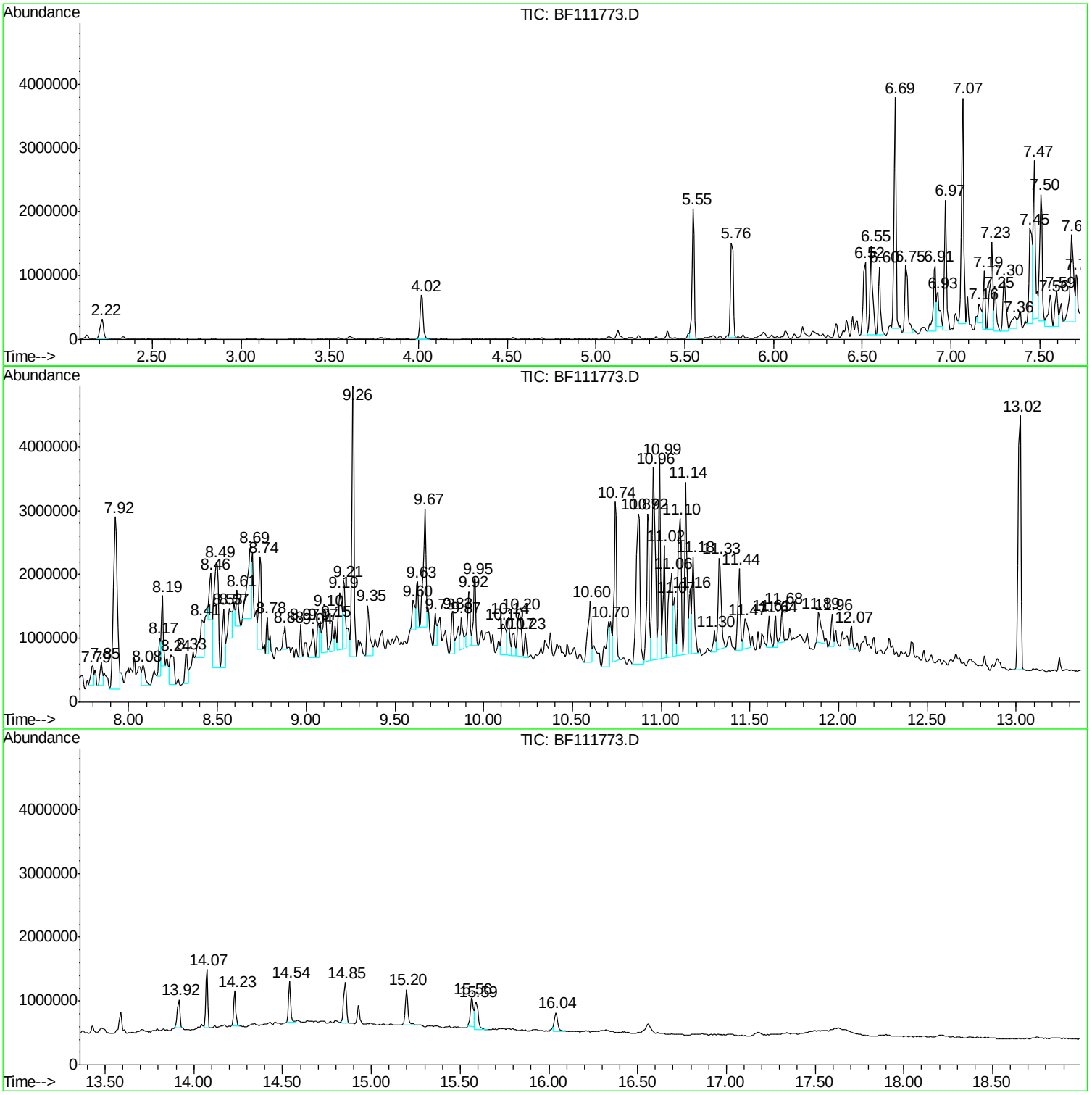
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111773.D
Acq On : 27 Dec 2018 20:07
Operator : JU/SJ
Sample : J6549-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111773.D
Acq On : 27 Dec 2018 20:07
Operator : JU/SJ
Sample : J6549-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

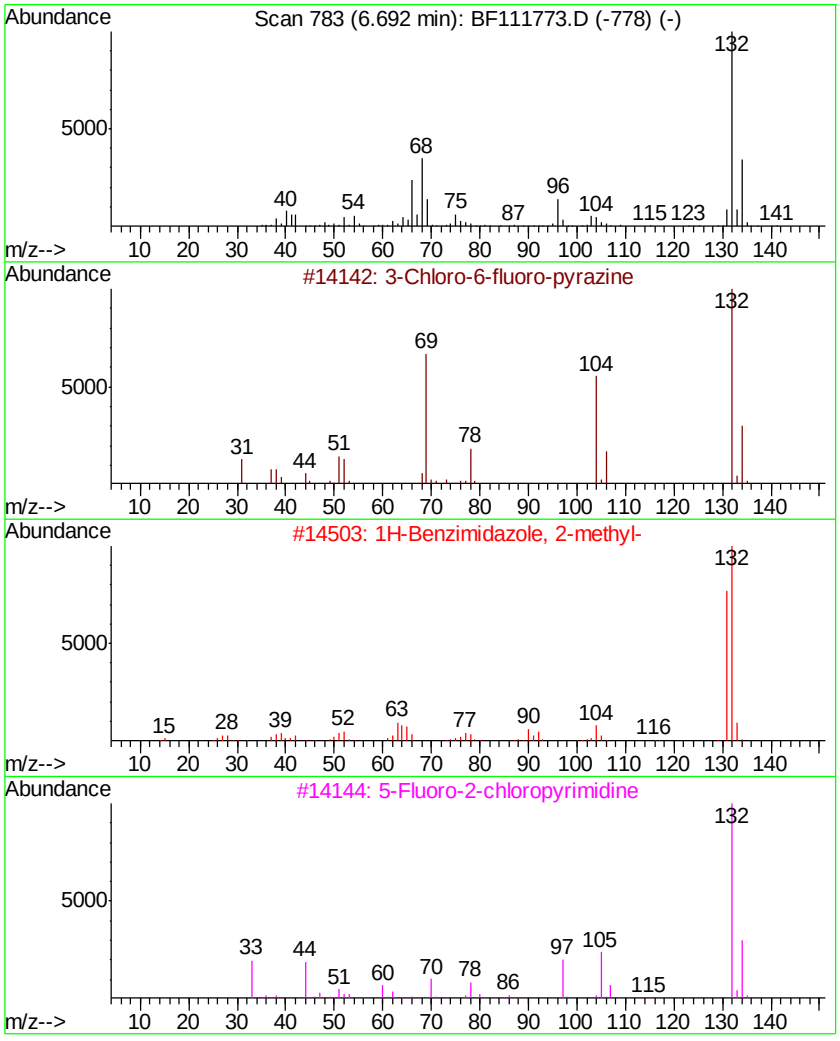
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

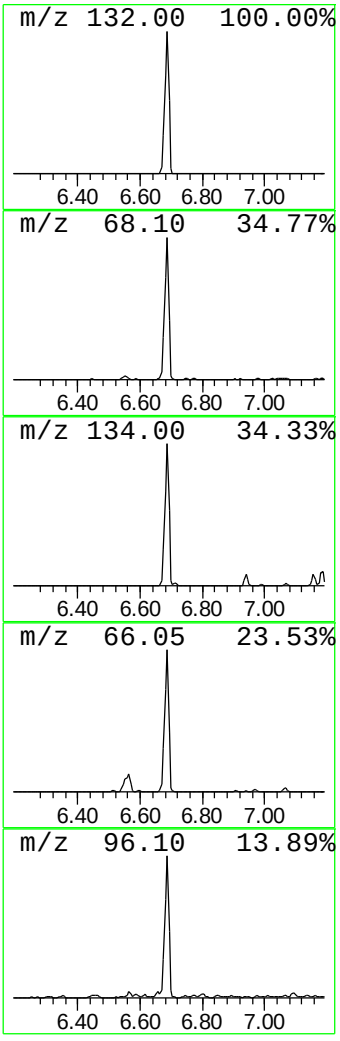
****

Peak Number 1 unknown6.69 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	55.47 ng	3242000	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111773.D
Acq On : 27 Dec 2018 20:07
Operator : JU/SJ
Sample : J6549-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

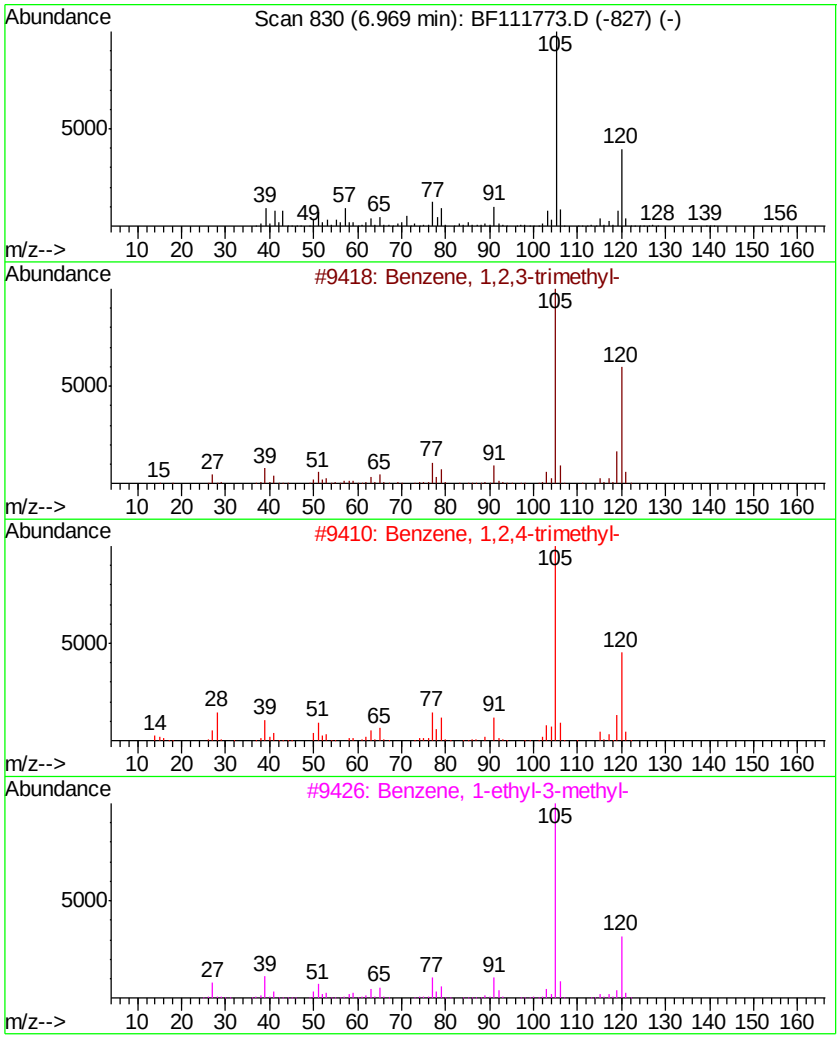
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

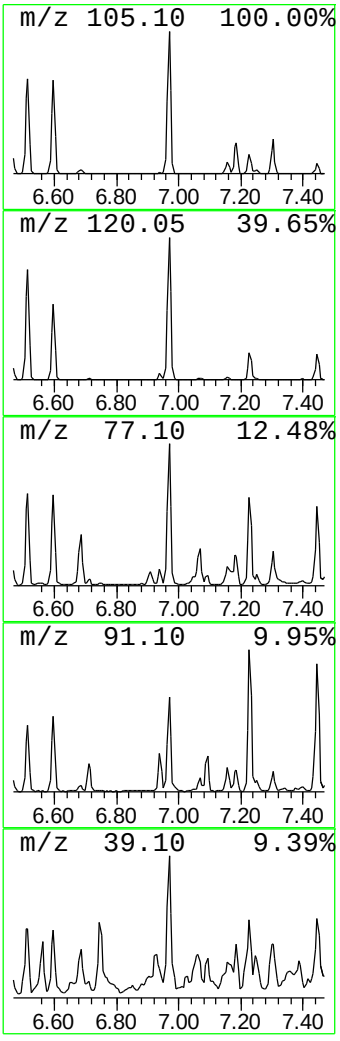
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	31.12 ng	1818480	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111773.D
Acq On : 27 Dec 2018 20:07
Operator : JU/SJ
Sample : J6549-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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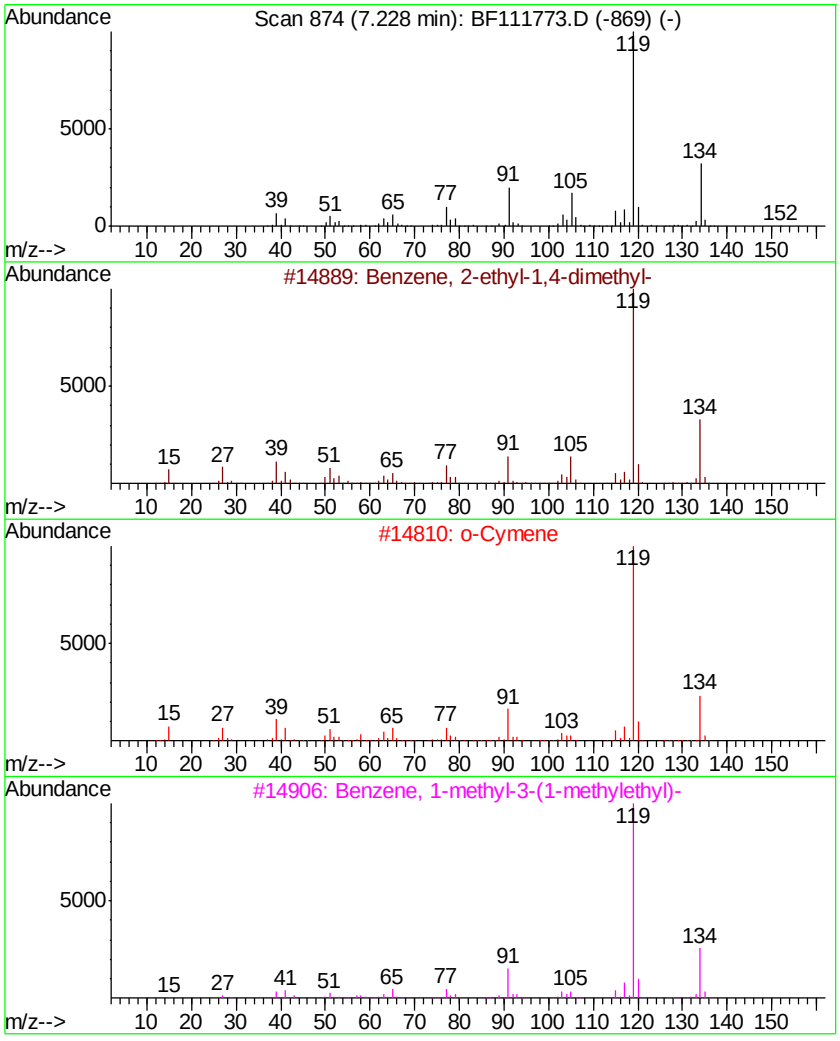
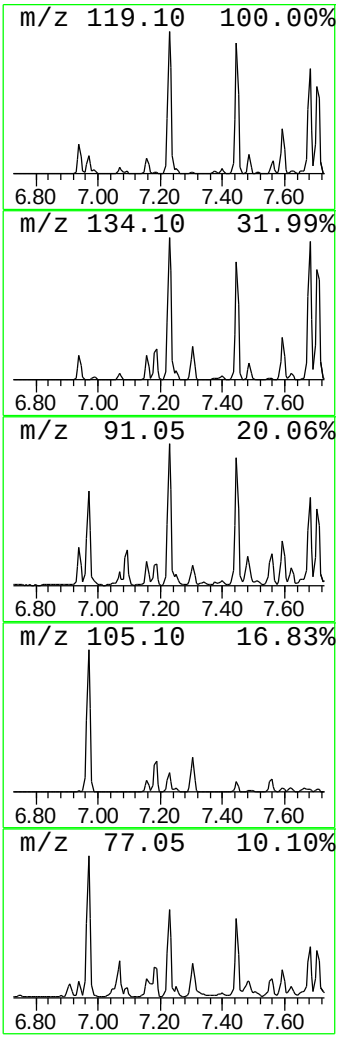
Peak Number 4 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	25.13 ng	1468700	1,4-Dichlorobenzene-d4	6.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	p-Cymene	134	C10H14	000099-87-6	94
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111773.D
Acq On : 27 Dec 2018 20:07
Operator : JU/SJ
Sample : J6549-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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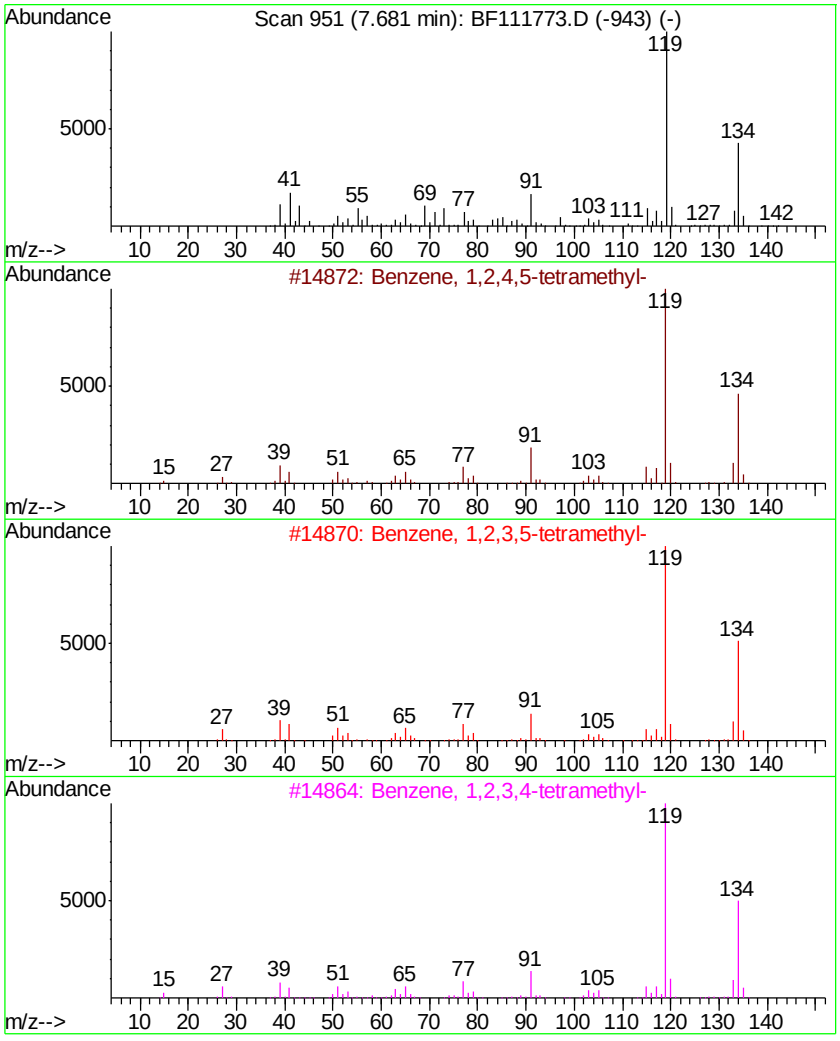
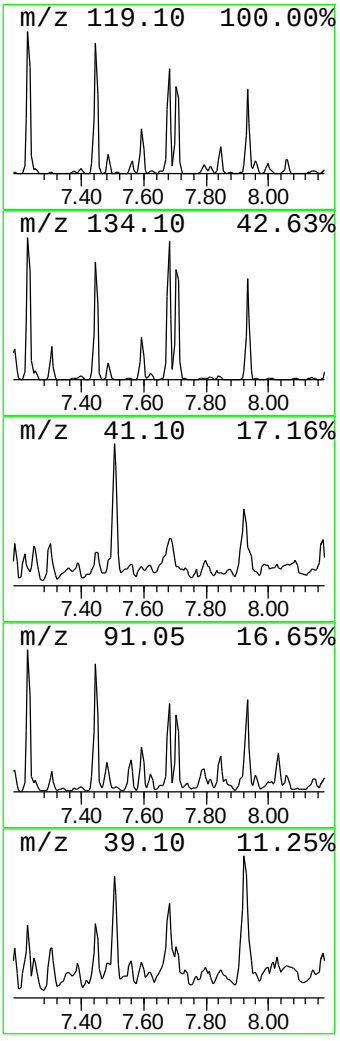
Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	47.03 ng	1894530	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111773.D
Acq On : 27 Dec 2018 20:07
Operator : JU/SJ
Sample : J6549-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

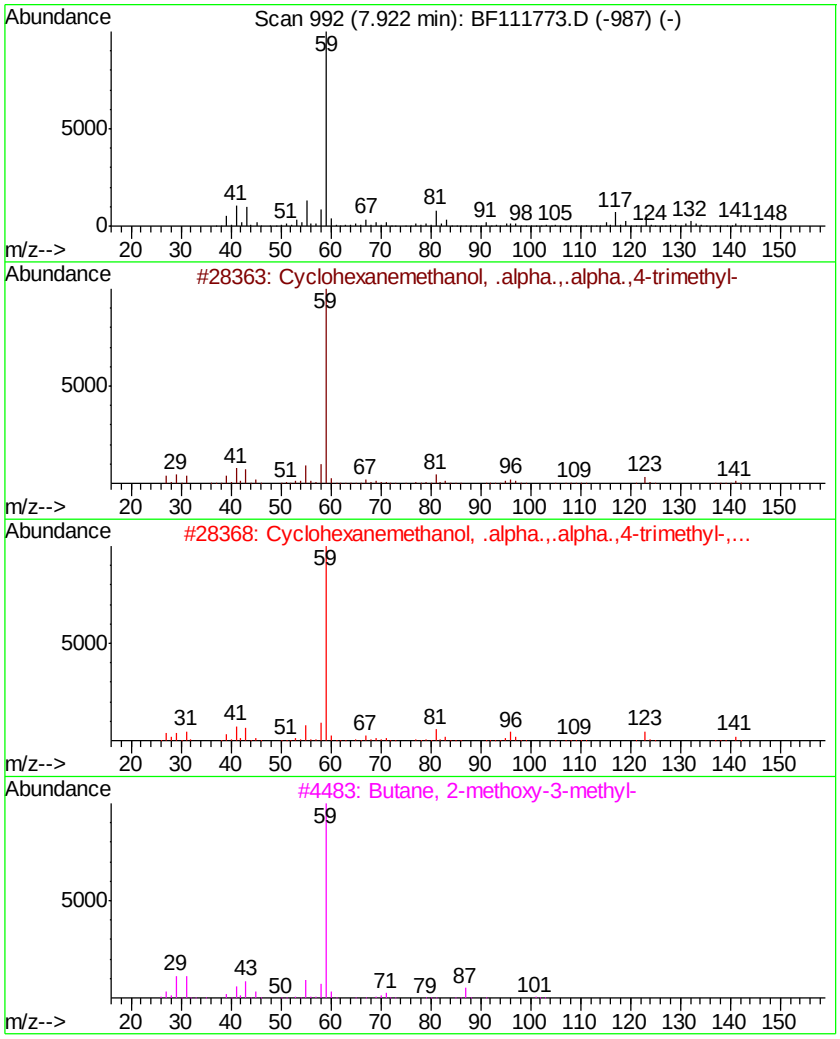
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

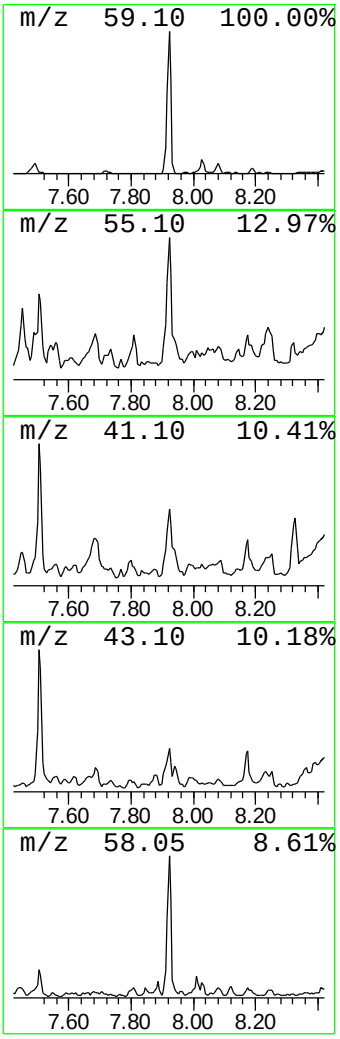
****

Peak Number 6 Cyclohexanemethanol, .alpha... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	97.98 ng	3946850	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	72
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	72
3	Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	59
4	2,3-Dimethyl-4-penten-2-ol	114	C7H14O	019781-52-3	59
5	2,4-Dimethyl-4-penten-2-ol	114	C7H14O	019781-53-4	59





Library Search Compound Report

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Data File : BF111773.D
Acq On : 27 Dec 2018 20:07
Operator : JU/SJ
Sample : J6549-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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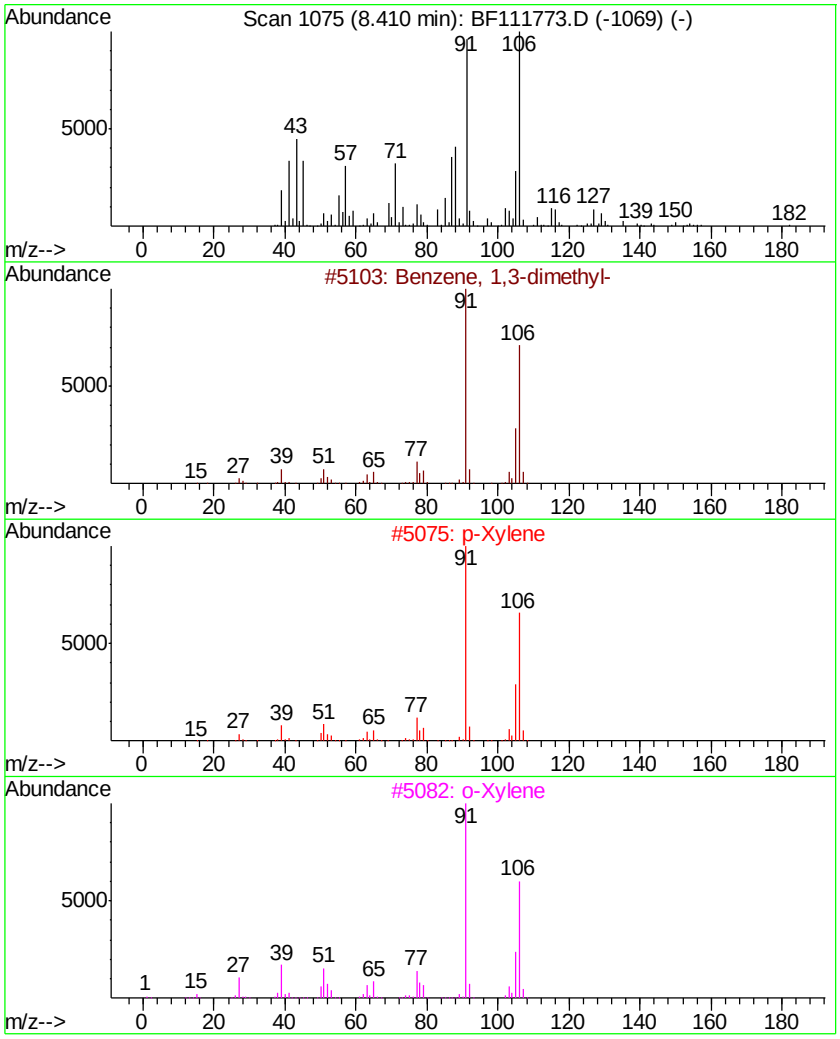
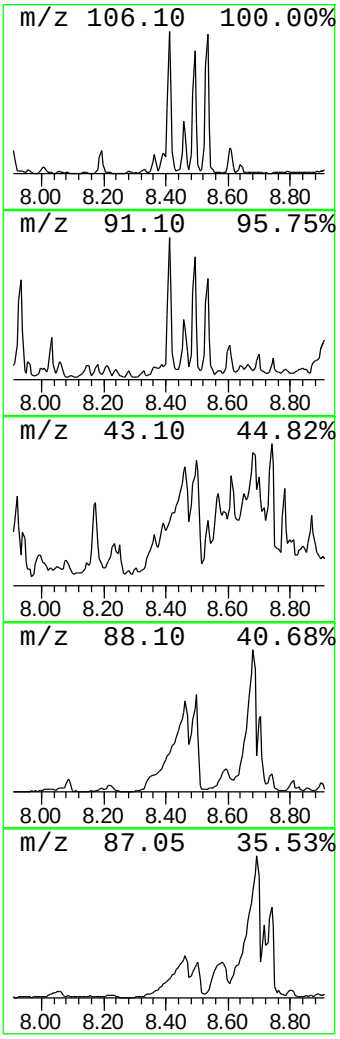
Peak Number 7 unknown8.41 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	29.88 ng	1203730	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	46
2	p-Xylene	106	C8H10	000106-42-3	38
3	o-Xylene	106	C8H10	000095-47-6	35
4	2,4-Pentanedione, ion(1-), lithium	106	C5H7LiO2	018115-70-3	35
5	2-Phenyl-hex-5-en-3-ol	176	C12H16O	077383-06-3	25





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Sample : J6549-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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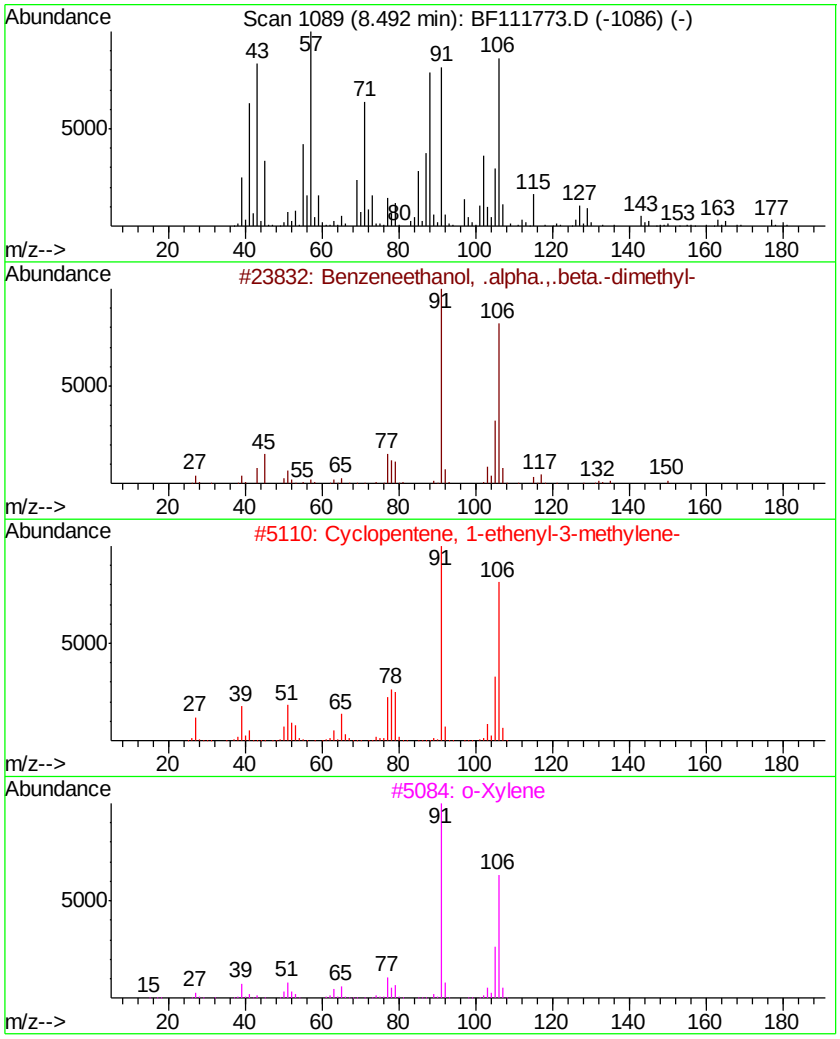
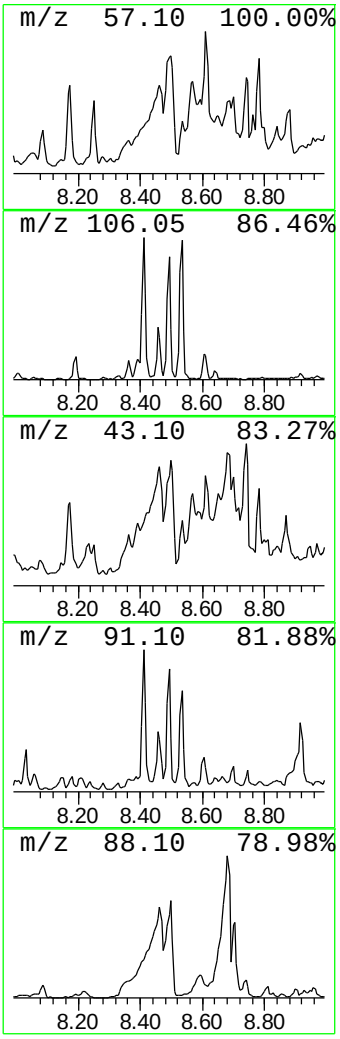
Peak Number 8 unknown8.49 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	66.55 ng	2680590	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanol, .alpha.,.beta.-d...	150	C10H14O	052089-32-4	30
2	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	25
3	o-Xylene	106	C8H10	000095-47-6	25
4	p-Xylene	106	C8H10	000106-42-3	22
5	1,3-Cyclopentadiene, 5-(1-methyl...	148	C11H16	061039-45-0	22





Library Search Compound Report

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Sample : J6549-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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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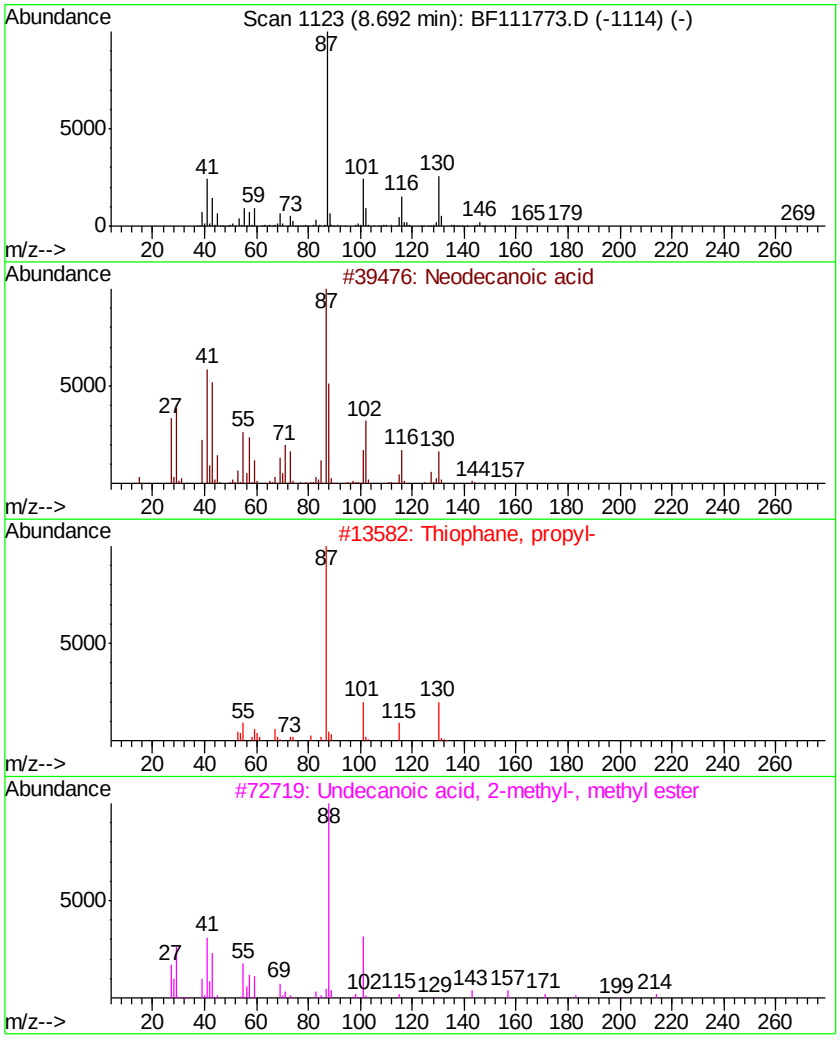
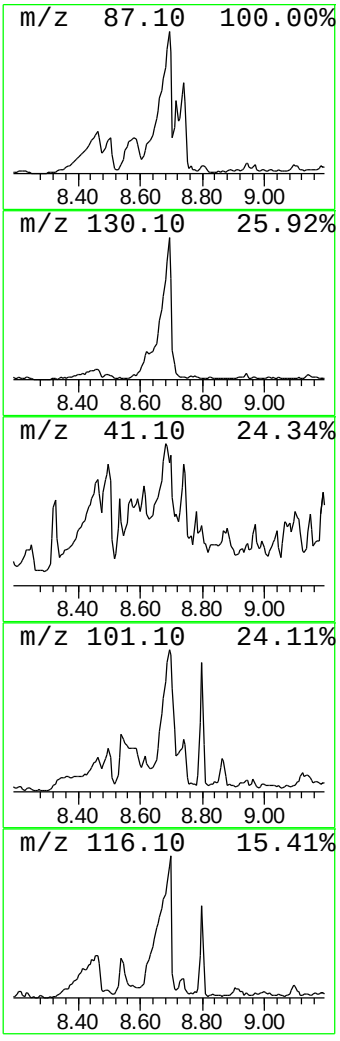
Peak Number 9 Neodecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	49.70 ng	2002020	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Neodecanoic acid	172	C10H20O2	026896-20-8	50
2	Thiophane, propyl-	130	C7H14S	001551-34-4	38
3	Undecanoic acid, 2-methyl-, meth...	214	C13H26O2	055955-69-6	27
4	2,2'-Bi-1,4-dioxane	174	C8H14O4	014230-41-2	25
5	Decanoic acid, ethyl ester	200	C12H24O2	000110-38-3	25





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-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

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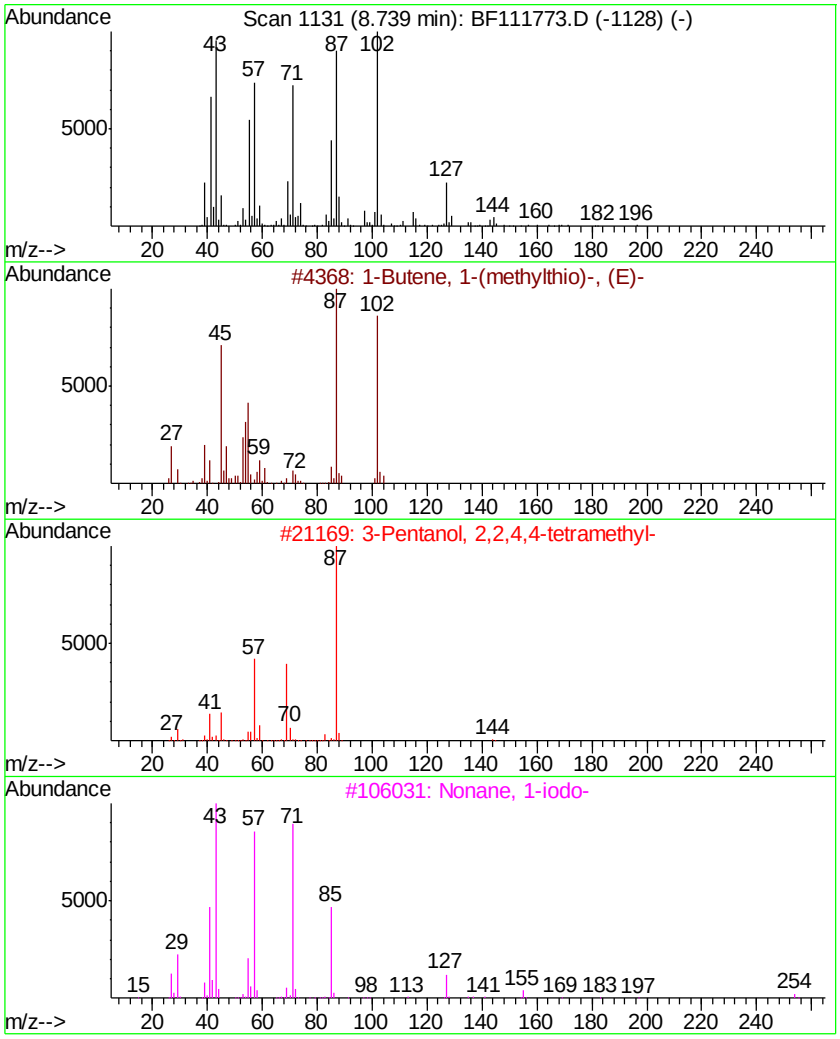
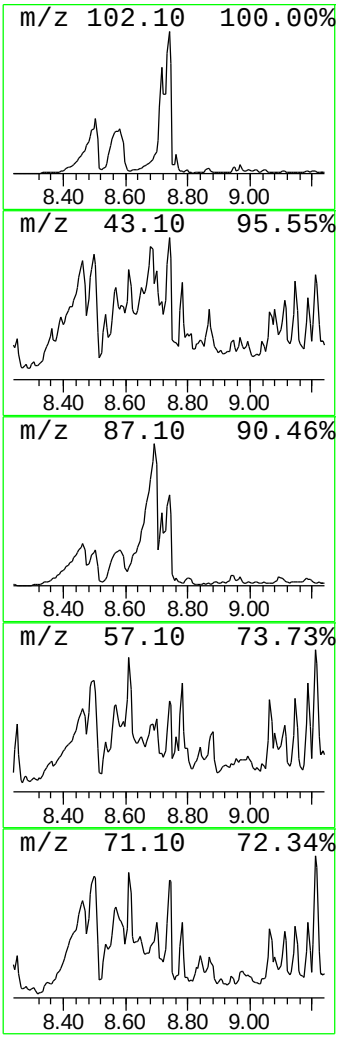
Peak Number 10 unknown8.74 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	38.87 ng	1565810	Naphthalene-d8	8.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 1-(methylthio)-, (E)-	102	C5H10S	017414-27-6	43
2	3-Pentanol, 2,2,4,4-tetramethyl-	144	C9H20O	014609-79-1	27
3	Nonane, 1-iodo-	254	C9H19I	004282-42-2	22
4	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	14
5	3-Methyl-4-carboxytetrahydrothia...	147	C5H9NO2S	038254-70-5	14





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Sample : J6549-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-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

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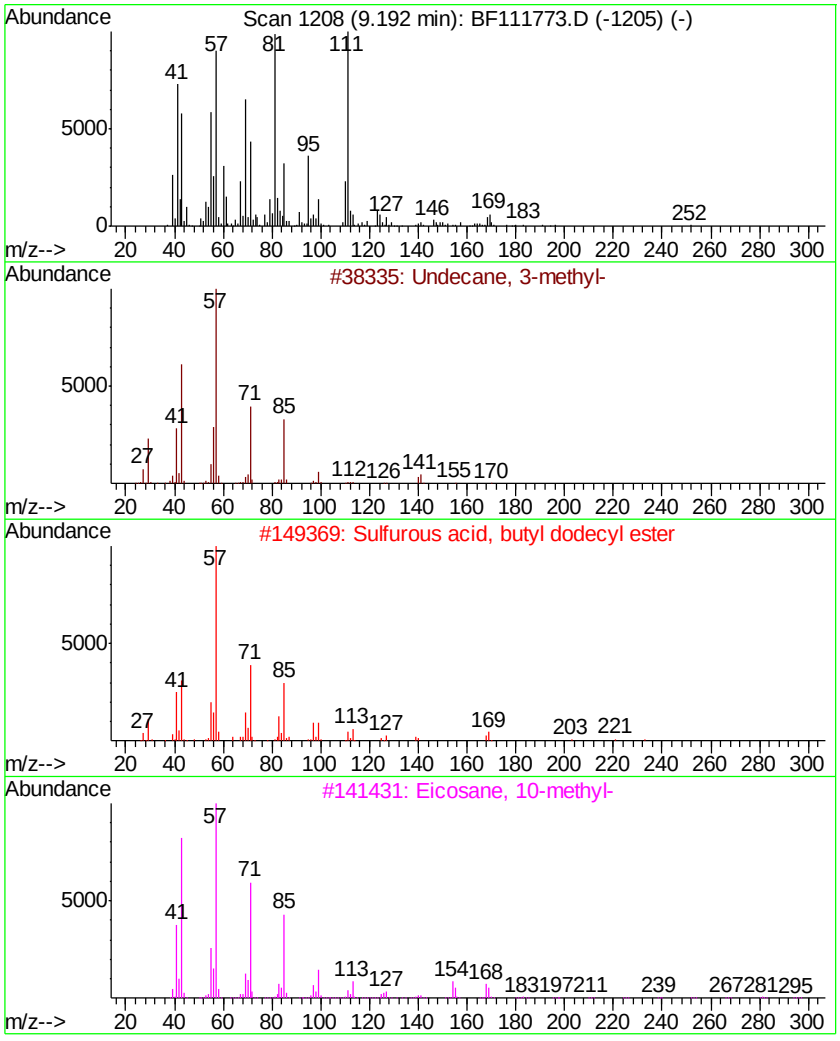
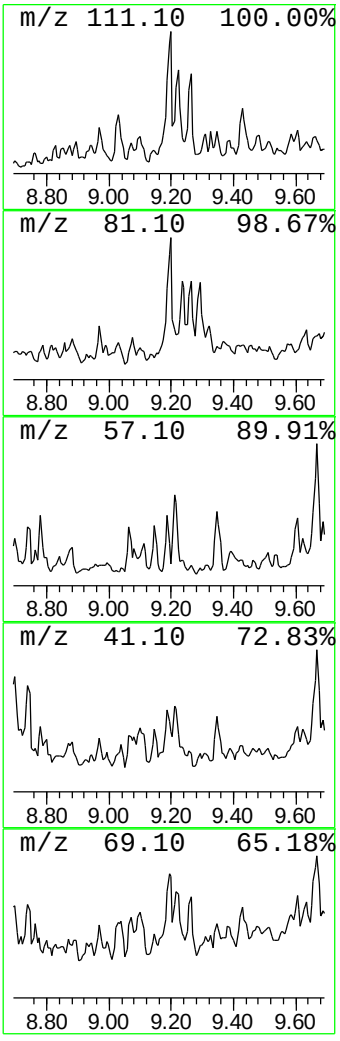
Peak Number 11 Undecane, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	24.46 ng	1229260	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	59
2	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	59
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	58
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	58
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	55





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Sample : J6549-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-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

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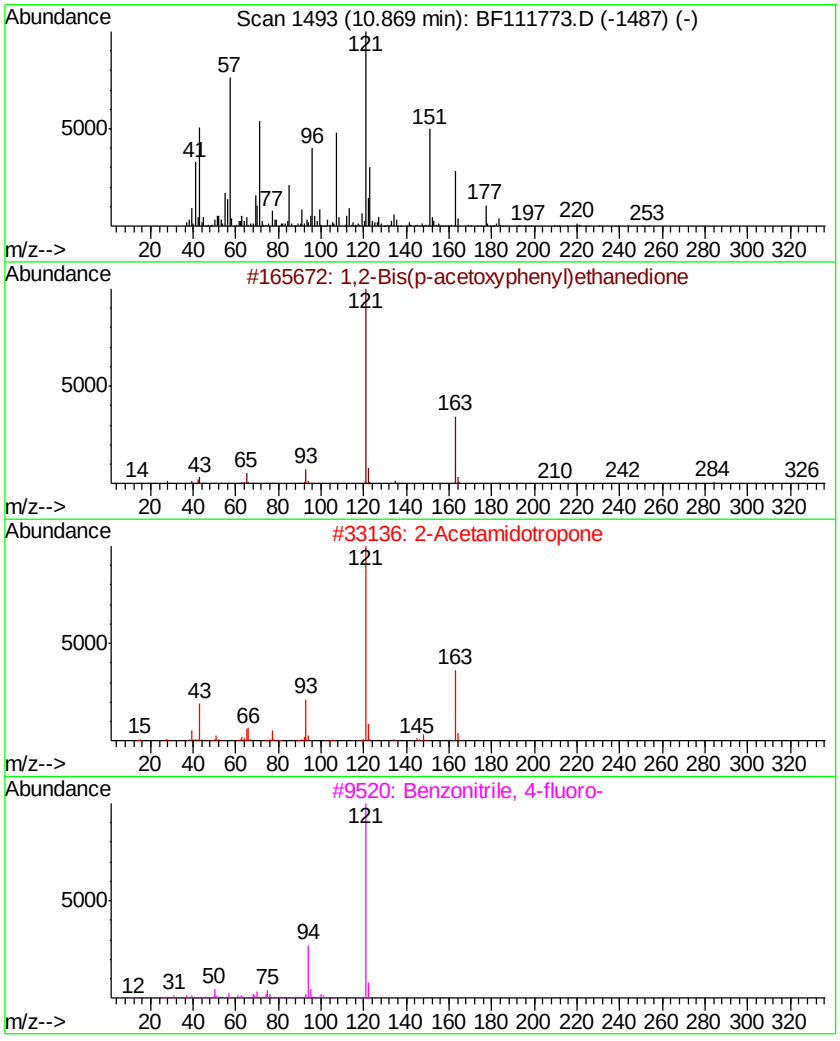
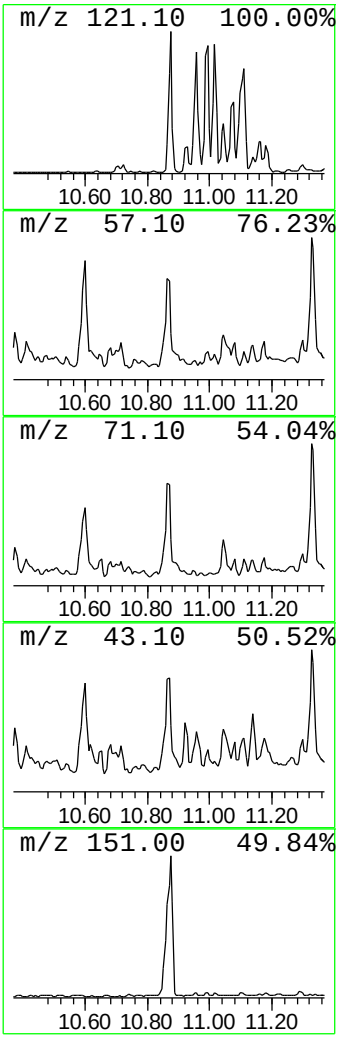
Peak Number 12 unknown10.87 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	56.17 ng	3301310	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Bis(p-acetoxyphenyl)ethanedione	326	C18H14O6	093655-79-9	22
2	2-Acetamidotropone	163	C9H9NO2	006422-12-4	18
3	Benzonitrile, 4-fluoro-	121	C7H4FN	001194-02-1	11
4	3-(4-Methoxybenzylsulfanyl)-4H-[...	221	C10H11N3OS	1000306-37-8	10
5	1,3-Cyclohexadiene, 1,5,5,6-tetr...	136	C10H16	000514-94-3	10





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Sample : J6549-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-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

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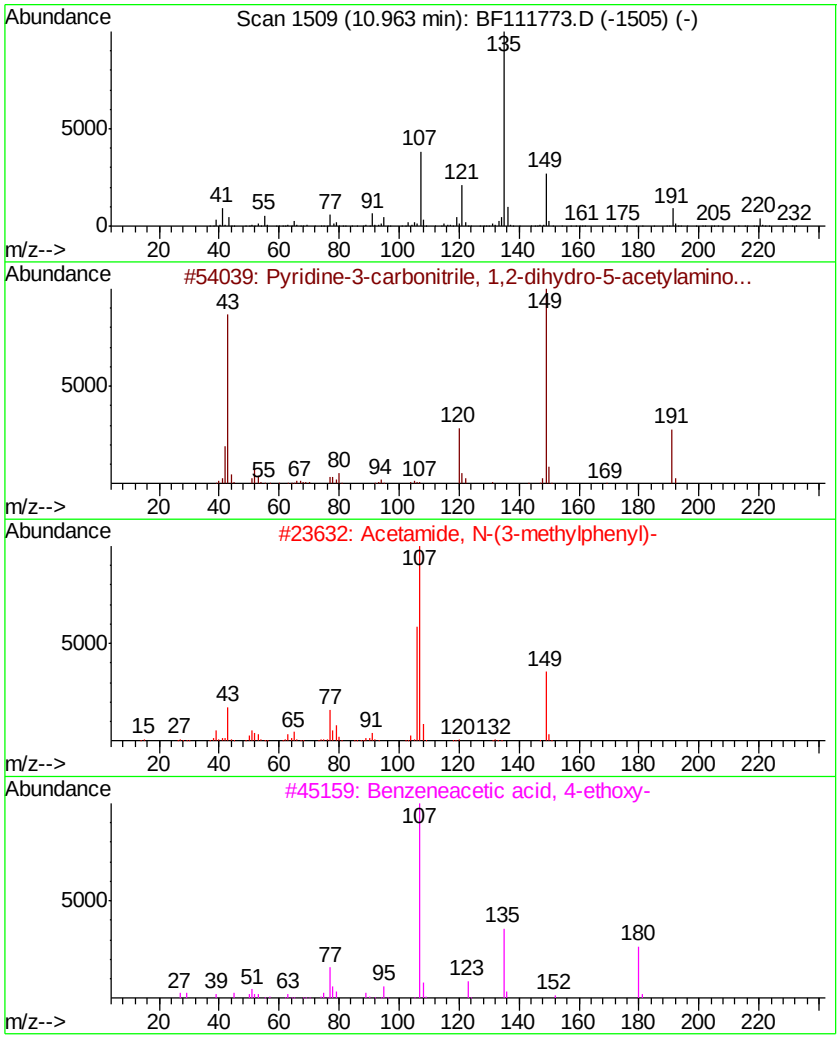
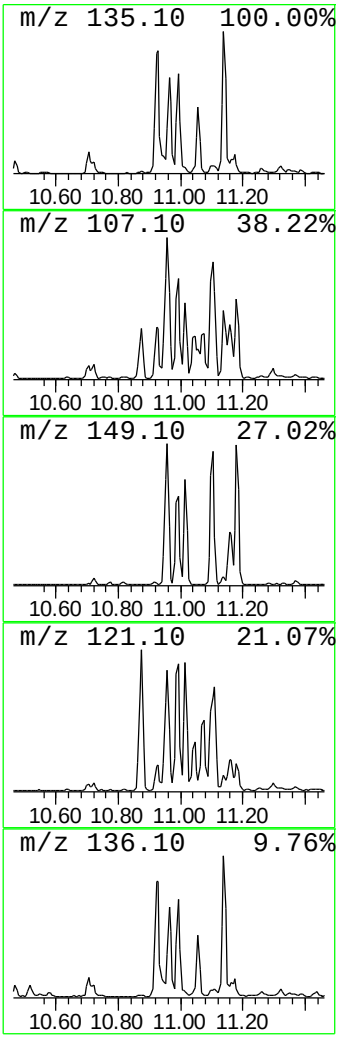
Peak Number 14 unknown10.96 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	59.34 ng	3487740	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	38
3	Benzeneacetic acid, 4-ethoxy-	180	C10H12O3	004919-33-9	35
4	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	30
5	Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	27





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Misc :
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Instrument : BNA_F
ClientSampleId : DUP-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

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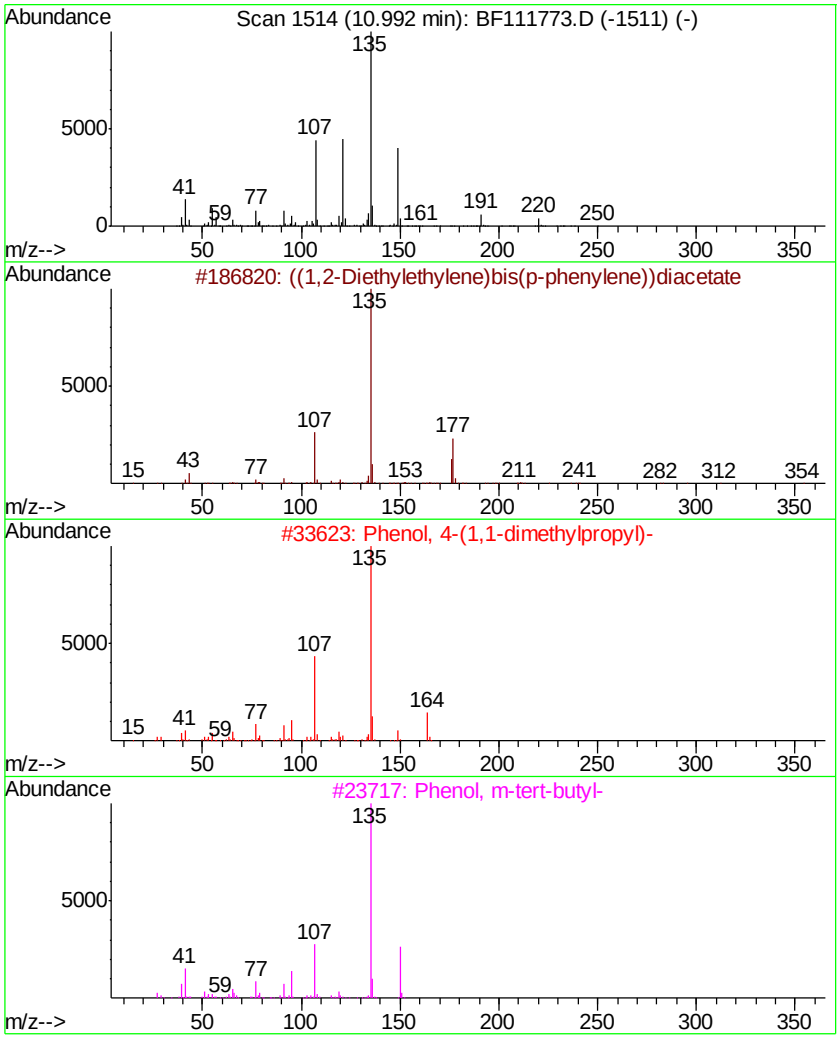
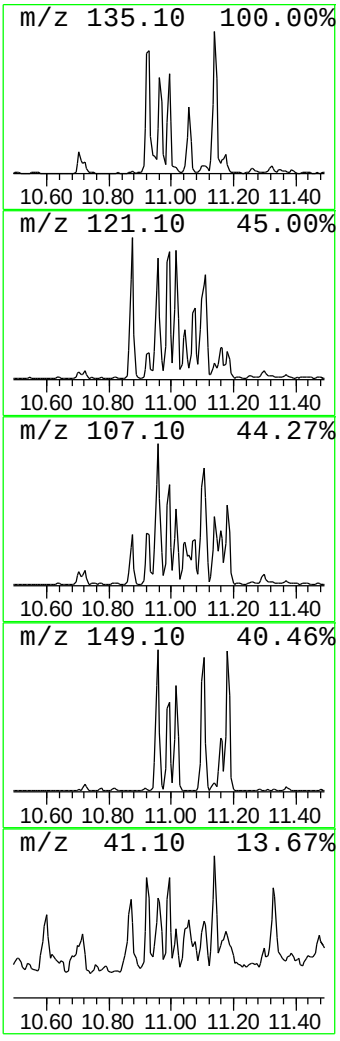
Peak Number 15 ((1,2-Diethylethylene)bis(p... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	45.84 ng	2694480	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	50
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50
4	Hexestrol, O-heptafluorobutyryl-	466	C22H21F7O3	1000365-31-9	47
5	Hexestrol	270	C18H22O2	000084-16-2	47





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Sample : J6549-08
Misc :
ALS Vial : 21 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

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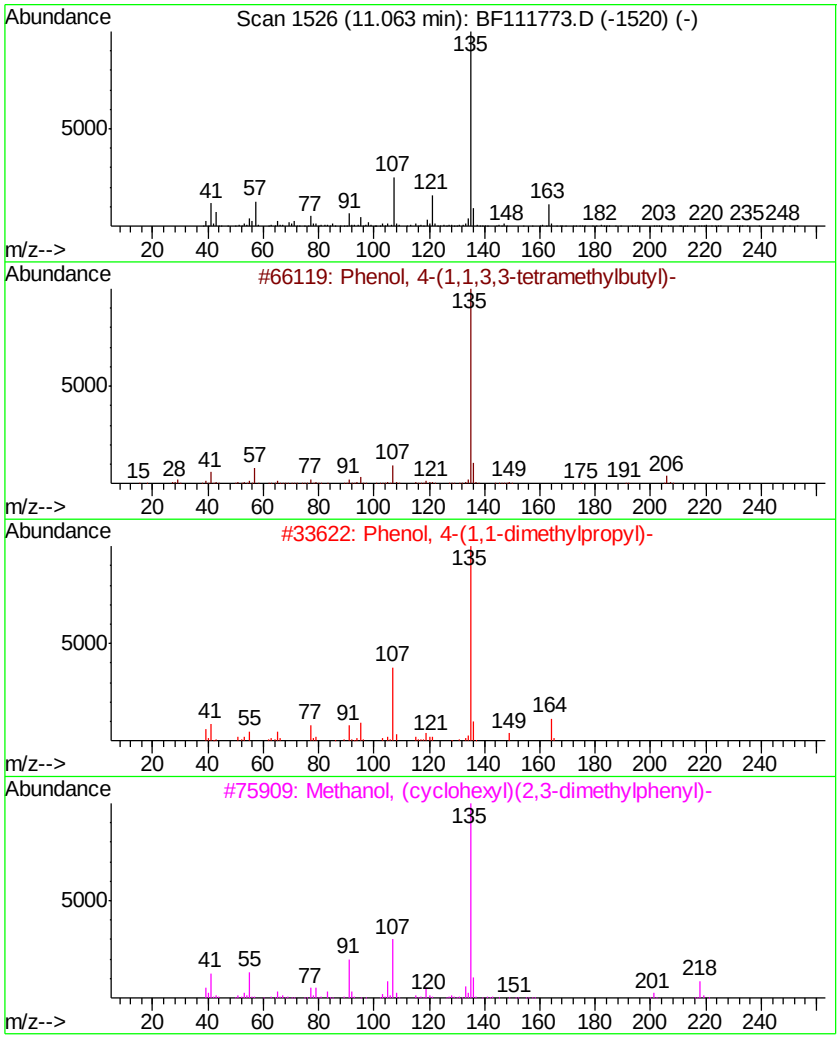
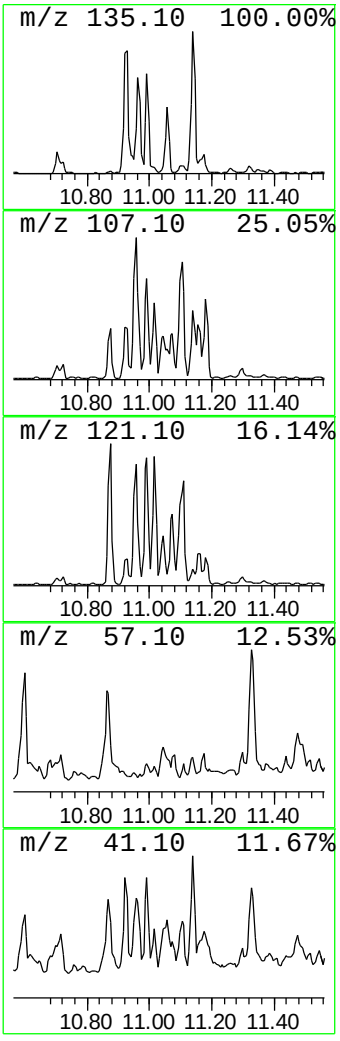
Peak Number 16 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	32.01 ng	1881170	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
3	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	64
4	1,2-Benzenediol, o-(4-methoxyben...	362	C22H18O5	1000325-99-0	64
5	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64





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ClientSampleId : DUP-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

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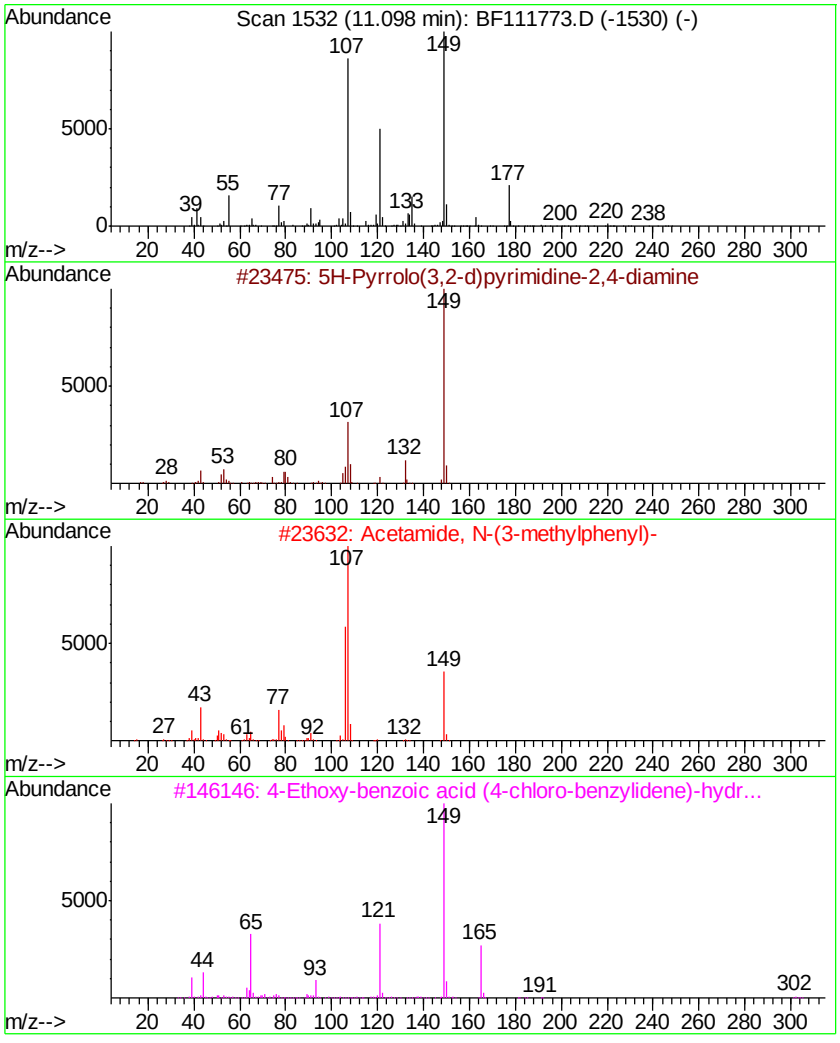
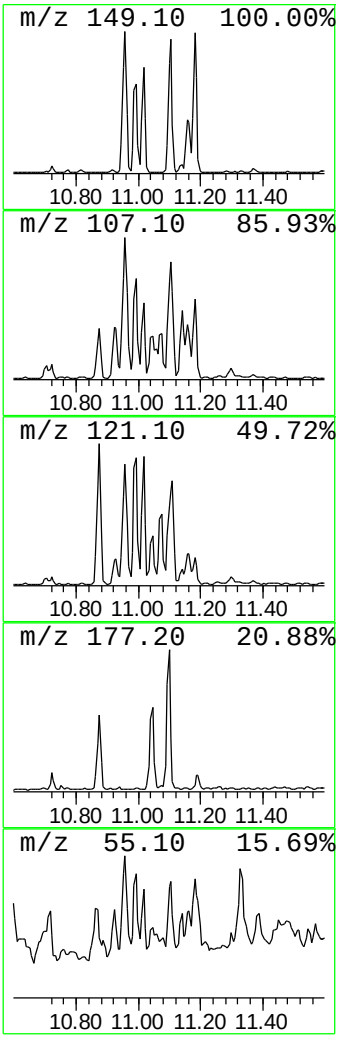
Peak Number 17 5H-Pyrrolo(3,2-d)pyrimidine... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	41.26 ng	2425170	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	59
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	43
3	4-Ethoxy-benzoic acid (4-chloro-...	302	C16H15ClN2O2	1000301-28-3	35
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35
5	2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	35





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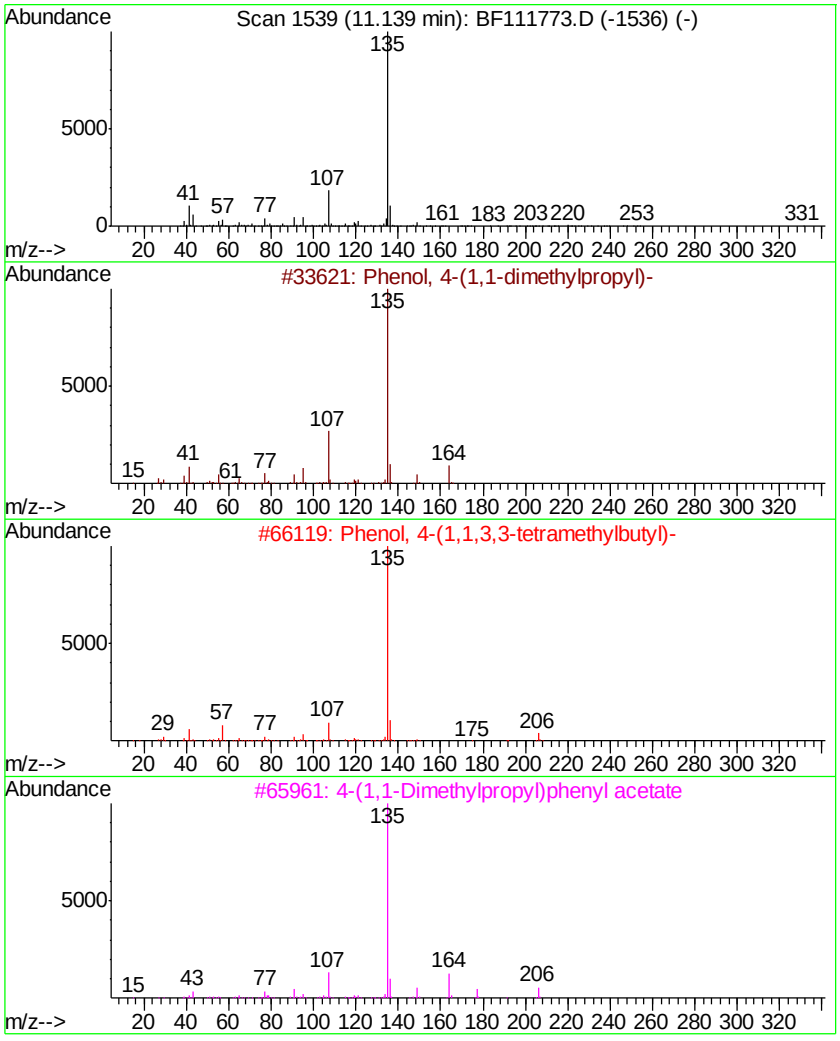
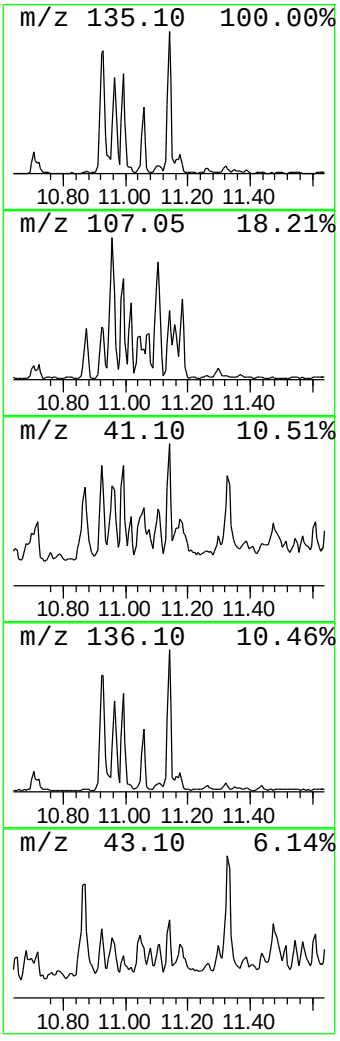
Peak Number 18 Phenol, 4-(1,1-dimethylprop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	39.92 ng	2346060	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
4	Hexestrol	270	C18H22O2	000084-16-2	72
5	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64





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Data File : BF111773.D
Acq On : 27 Dec 2018 20:07
Operator : JU/SJ
Sample : J6549-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

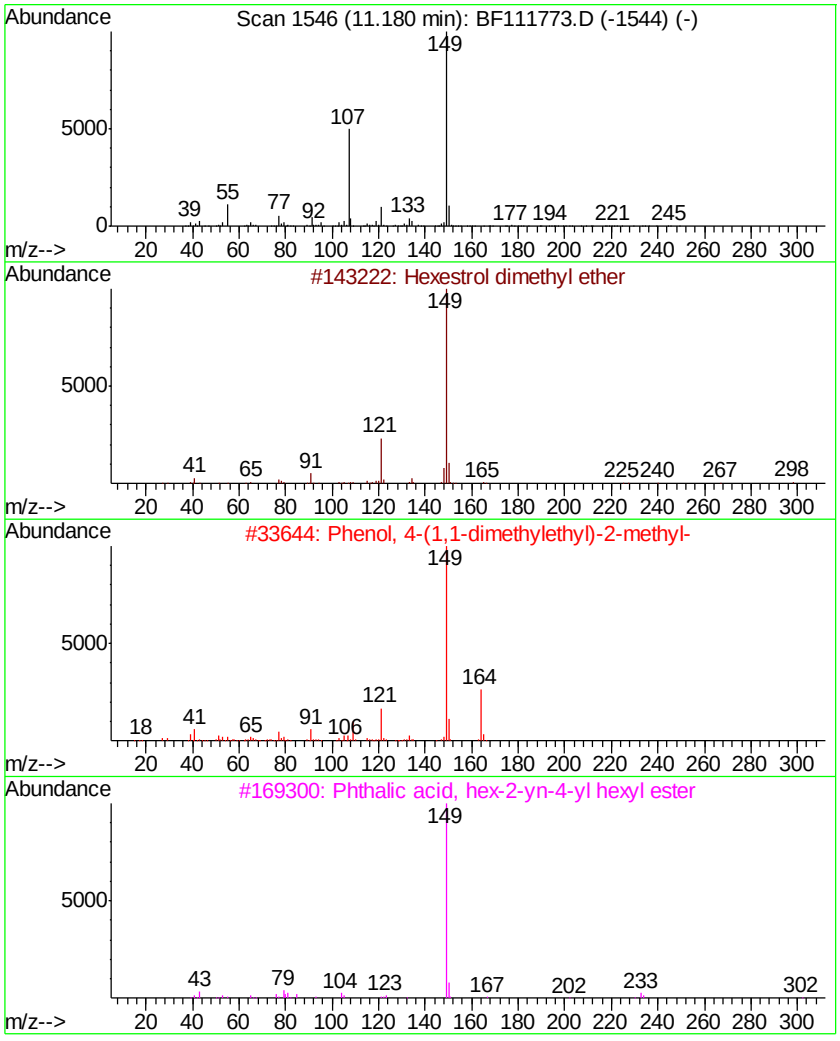
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

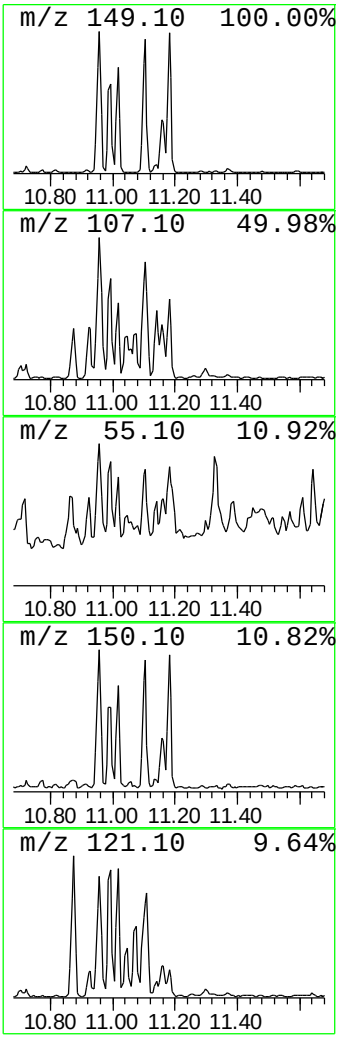
****

Peak Number 19 unknown11.18 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	24.78 ng	1456530	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexestrol dimethyl ether	298	C20H26O2	000130-78-9	43
2	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	40
3	Phthalic acid, hex-2-yn-4-yl hex...	330	C20H26O4	1000315-19-3	37
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35
5	Acetamide, 2-(4-cyclohexylphenox...	324	C20H24N2O2	1000263-95-6	33





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111773.D
Acq On : 27 Dec 2018 20:07
Operator : JU/SJ
Sample : J6549-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

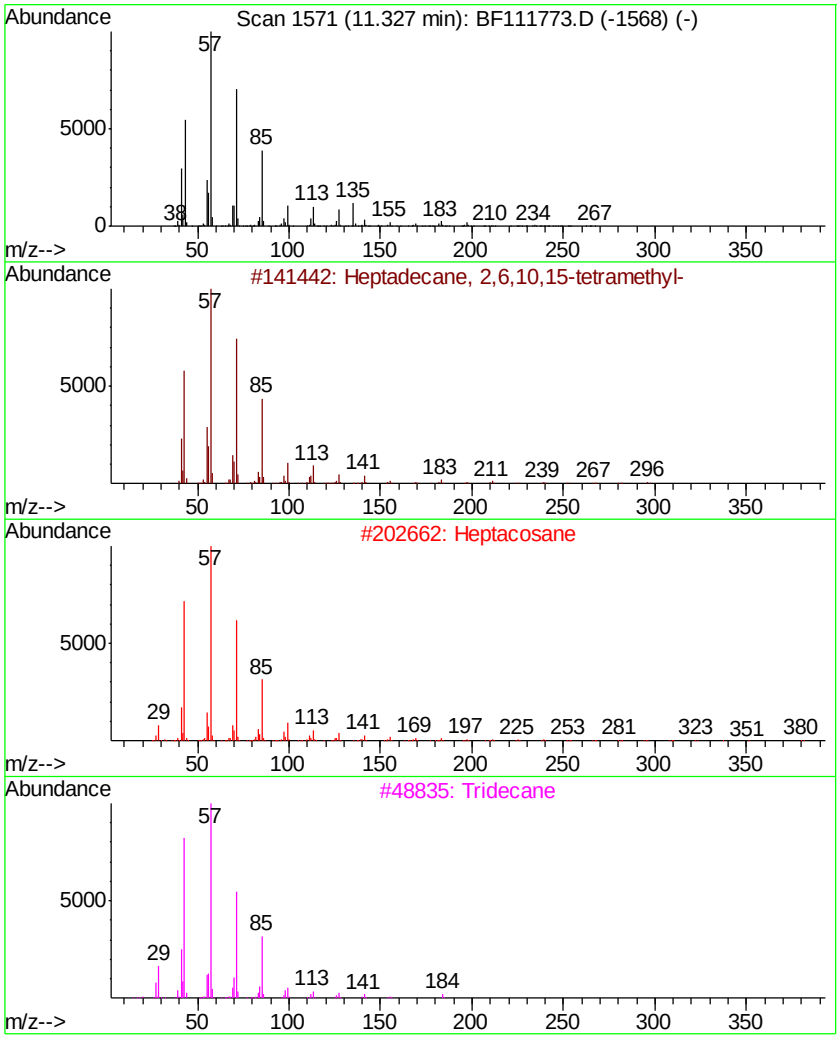
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

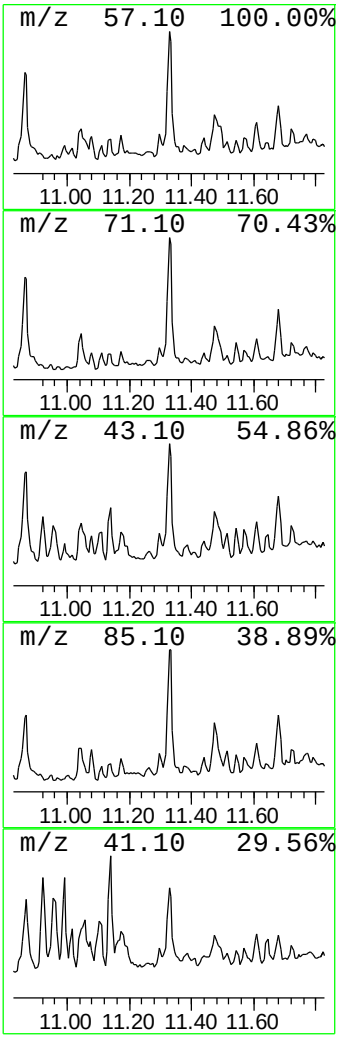
****

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	28.00 ng	1645580	Phenanthrene-d10	11.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2	Heptacosane	380	C27H56	000593-49-7	86
3	Tridecane	184	C13H28	000629-50-5	83
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
5	Hexadecane	226	C16H34	000544-76-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
Data File : BF111773.D
Acq On : 27 Dec 2018 20:07
Operator : JU/SJ
Sample : J6549-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.69	6.69	55.5	ng	3242000	1	6.91	1168870	20.0
Benzene, 1,2,3-tr...	6.97	31.1	ng	1818480	1	6.91	1168870	20.0
Benzene, 2-ethyl-...	7.23	25.1	ng	1468700	1	6.91	1168870	20.0
Benzene, 1,2,4,5-...	7.68	47.0	ng	1894530	2	8.19	805631	20.0
Cyclohexanemethan...	7.92	98.0	ng	3946850	2	8.19	805631	20.0
unknown8.41	8.41	29.9	ng	1203730	2	8.19	805631	20.0
unknown8.49	8.49	66.5	ng	2680590	2	8.19	805631	20.0
Neodecanoic acid	8.69	49.7	ng	2002020	2	8.19	805631	20.0
unknown8.74	8.74	38.9	ng	1565810	2	8.19	805631	20.0
Undecane, 3-methyl-	9.19	24.5	ng	1229260	3	9.95	1005200	20.0
unknown10.87	10.87	56.2	ng	3301310	4	11.44	1175490	20.0
unknown10.96	10.96	59.3	ng	3487740	4	11.44	1175490	20.0
((1,2-Diethylethy...	10.99	45.8	ng	2694480	4	11.44	1175490	20.0
Phenol, 4-(1,1,3,...	11.06	32.0	ng	1881170	4	11.44	1175490	20.0
5H-Pyrrolo(3,2-d)...	11.10	41.3	ng	2425170	4	11.44	1175490	20.0
Phenol, 4-(1,1-di...	11.14	39.9	ng	2346060	4	11.44	1175490	20.0
unknown11.18	11.18	24.8	ng	1456530	4	11.44	1175490	20.0
Heptadecane, 2,6,...	11.33	28.0	ng	1645580	4	11.44	1175490	20.0