LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
Data File : BF121614.D
Acq On : 18 Sep 2020 13:55
Operator : JU/CG
Sample : L4057-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JA-DRUM-COMP

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-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.457	395	403	412	rVB3	1034124	1521328	18.78%	0.729%
2	4.981	487	492	497	rVB2	819597	1091649	13.48%	0.523%
3	5.304	544	547	549	rVV	803493	893304	11.03%	0.428%
4	5.416	559	566	569	rBV2	2500584	3796265	46.87%	1.820%
5	5.445	569	571	574	rVB	2783078	2251892	27.80%	1.079%
6	5.598	593	597	602	rVV3	597512	871425	10.76%	0.418%
7	5.669	607	609	617	rVV2	1593311	2026722	25.02%	0.971%
8	5.739	617	621	627	rVB	3400337	3257031	40.21%	1.561%
9	5.851	634	640	643	rVB2	799178	949407	11.72%	0.455%
10	5.986	659	663	667	rVB3	1050489	1447382	17.87%	0.694%
11	6.075	675	678	684	rVV3	1922766	2672622	33.00%	1.281%
12	6.263	705	710	712	rBV2	838420	1026731	12.68%	0.492%
13	6.328	719	721	723	rVV	1177204	853123	10.53%	0.409%
14	6.351	723	725	728	rVV2	2837017	3023054	37.32%	1.449%
15	6.381	728	730	733	rVB	1272914	1061123	13.10%	0.509%
16	6.422	733	737	740	rBV2	1398686	1900894	23.47%	0.911%
17	6.463	740	744	748	rVB	2336298	2743073	33.87%	1.315%
18	6.510	748	752	757	rVB3	1217526	1491685	18.42%	0.715%
19	6.569	757	762	766	rBV4	764401	1547537	19.11%	0.742%
20	6.669	773	779	785	rVB2	4650153	7674968	94.76%	3.679%
21	6.822	801	805	807	rVV	990223	1296840	16.01%	0.622%
22	6.839	807	808	813	rVB2	1534012	1229490	15.18%	0.589%
23	6.886	813	816	820	rBV2	1572055	1599955	19.75%	0.767%
24	6.975	828	831	834	rBV2	1573506	1714460	21.17%	0.822%
25	7.004	834	836	839	rVB	1085662	893923	11.04%	0.428%
26	7.104	850	853	855	rVB	2395341	2240797	27.67%	1.074%
27	7.145	855	860	862	rBV2	1982176	2746310	33.91%	1.316%
28	7.169	862	864	867	rVB	1608584	1340630	16.55%	0.643%
29	7.216	868	872	876	rBV2	2449285	2758597	34.06%	1.322%
30	7.363	892	897	899	rBV3	2172367	2985658	36.86%	1.431%
31	7.386	899	901	904	rVV2	2105424	2491318	30.76%	1.194%
32	7.433	904	909	911	rVB	5617180	6738713	83.20%	3.230%
33	7.475	911	916	919	rVB4	1497956	2226230	27.49%	1.067%
34	7.510	919	922	924	rBV3	827137	1062618	13.12%	0.509%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
Data File : BF121614.D
Acq On : 18 Sep 2020 13:55
Operator : JU/CG
Sample : L4057-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JA-DRUM-COMP

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-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.539	924	927	930	rVV2	828615	878985	10.85%	0.421%
36	7.604	935	938	940	rVV2	780694	1233231	15.23%	0.591%
37	7.628	940	942	946	rVB3	1419082	1743971	21.53%	0.836%
38	7.733	953	960	961	rBV3	1673030	2551999	31.51%	1.223%
39	7.751	961	963	967	rVV3	1337770	1738907	21.47%	0.833%
40	7.792	967	970	973	rVB3	1418266	1934418	23.88%	0.927%
41	7.828	973	976	978	rBV2	1879108	2096453	25.88%	1.005%
42	7.863	978	982	986	rVV5	1981129	3652592	45.10%	1.751%
43	7.904	986	989	991	rVV	1087979	1075116	13.27%	0.515%
44	7.928	991	993	995	rVV2	925229	1010484	12.48%	0.484%
45	7.951	995	997	999	rVB	1501443	1148445	14.18%	0.550%
46	8.098	1017	1022	1025	rVV2	5782742	8099310	100.00%	3.882%
47	8.127	1025	1027	1030	rVV3	1269546	1596277	19.71%	0.765%
48	8.175	1030	1035	1037	rVB2	2297598	2944445	36.35%	1.411%
49	8.310	1055	1058	1061	rVB2	1019124	1116627	13.79%	0.535%
50	8.404	1068	1074	1080	rBV6	1818701	2951702	36.44%	1.415%
51	8.457	1080	1083	1085	rVB2	1069726	935484	11.55%	0.448%
52	8.486	1085	1088	1092	rVB3	1570153	1663411	20.54%	0.797%
53	8.533	1092	1096	1098	rBV	3049121	3314152	40.92%	1.588%
54	8.616	1105	1110	1112	rBV2	2118676	2045382	25.25%	0.980%
55	8.704	1121	1125	1129	rBV	4674957	5754119	71.04%	2.758%
56	8.769	1133	1136	1138	rVV2	1080274	1143922	14.12%	0.548%
57	8.822	1143	1145	1148	rVB	1894477	1599481	19.75%	0.767%
58	8.922	1158	1162	1166	rBV2	1411057	2069341	25.55%	0.992%
59	9.063	1182	1186	1190	rVB3	1174252	1680065	20.74%	0.805%
60	9.133	1195	1198	1202	rVB3	1795281	2079340	25.67%	0.997%
61	9.180	1202	1206	1211	rVB	2811181	3017942	37.26%	1.447%
62	9.269	1215	1221	1225	rBV	4746718	6460484	79.77%	3.097%
63	9.333	1230	1232	1235	rVV2	956302	968113	11.95%	0.464%
64	9.451	1248	1252	1255	rVB3	1063945	1565996	19.33%	0.751%
65	9.522	1257	1264	1266	rBV2	1804790	2601078	32.11%	1.247%
66	9.545	1266	1268	1270	rVV2	1258369	1071971	13.24%	0.514%
67	9.586	1270	1275	1277	rVV2	2089968	3012964	37.20%	1.444%
68	9.639	1281	1284	1288	rBV3	1025590	1070456	13.22%	0.513%
69	9.798	1305	1311	1313	rBV	4111848	4040541	49.89%	1.937%
70	9.863	1319	1322	1324	rVV	1428071	1439023	17.77%	0.690%
71	9.969	1336	1340	1344	rVB2	1196387	1449775	17.90%	0.695%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
Data File : BF121614.D
Acq On : 18 Sep 2020 13:55
Operator : JU/CG
Sample : L4057-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JA-DRUM-COMP

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-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.022	1344	1349	1352	rBV2	783118	1188185	14.67%	0.570%
73	10.057	1352	1355	1358	rVV2	792670	1308988	16.16%	0.627%
74	10.110	1361	1364	1369	rVV5	1001629	1639689	20.24%	0.786%
75	10.292	1387	1395	1398	rBV	3381040	3711177	45.82%	1.779%
76	10.510	1427	1432	1438	rVB	1308265	1744438	21.54%	0.836%
77	10.651	1453	1456	1458	rVB	1511116	1223789	15.11%	0.587%
78	10.769	1472	1476	1482	rVB3	2781978	4668704	57.64%	2.238%
79	10.969	1504	1510	1516	rBV2	1164607	1888833	23.32%	0.905%
80	11.210	1548	1551	1554	rVV	2135767	1942997	23.99%	0.931%
81	11.239	1554	1556	1562	rVB	1309054	1315258	16.24%	0.630%
82	11.345	1570	1574	1576	rBV	1330788	1132086	13.98%	0.543%
83	11.639	1618	1624	1627	rVB	1669978	1467347	18.12%	0.703%
84	11.739	1636	1641	1644	rVB	3022724	2855035	35.25%	1.368%
85	11.868	1661	1663	1665	rVV	1509566	1800278	22.23%	0.863%
86	11.886	1665	1666	1671	rVV2	1837501	1145191	14.14%	0.549%
87	12.045	1690	1693	1701	rVB	1585810	1577277	19.47%	0.756%
88	12.433	1756	1759	1763	rVB	974335	883622	10.91%	0.424%
89	12.668	1797	1799	1800	rVV	1233423	1088108	13.43%	0.522%
90	12.686	1800	1802	1807	rVV	1310450	1312904	16.21%	0.629%
91	12.927	1839	1843	1847	rVB	3343961	3256406	40.21%	1.561%
92	13.427	1925	1928	1932	rVV	1216811	1334829	16.48%	0.640%
93	13.833	1994	1997	2007	rVB3	663887	1171755	14.47%	0.562%
94	13.980	2018	2022	2029	rBV	1459789	1493802	18.44%	0.716%
95	14.109	2042	2044	2046	rVV	1092147	930296	11.49%	0.446%
96	14.739	2147	2151	2159	rBV2	1930891	3271843	40.40%	1.568%
97	15.439	2266	2270	2273	rBV	777802	960959	11.86%	0.461%
98	15.709	2311	2316	2321	rVB	863792	1194737	14.75%	0.573%
99	17.827	2668	2676	2685	rBV2	373683	1057145	13.05%	0.507%
100	18.056	2706	2715	2722	rVB	762263	1887399	23.30%	0.905%

Sum of corrected areas: 208635833

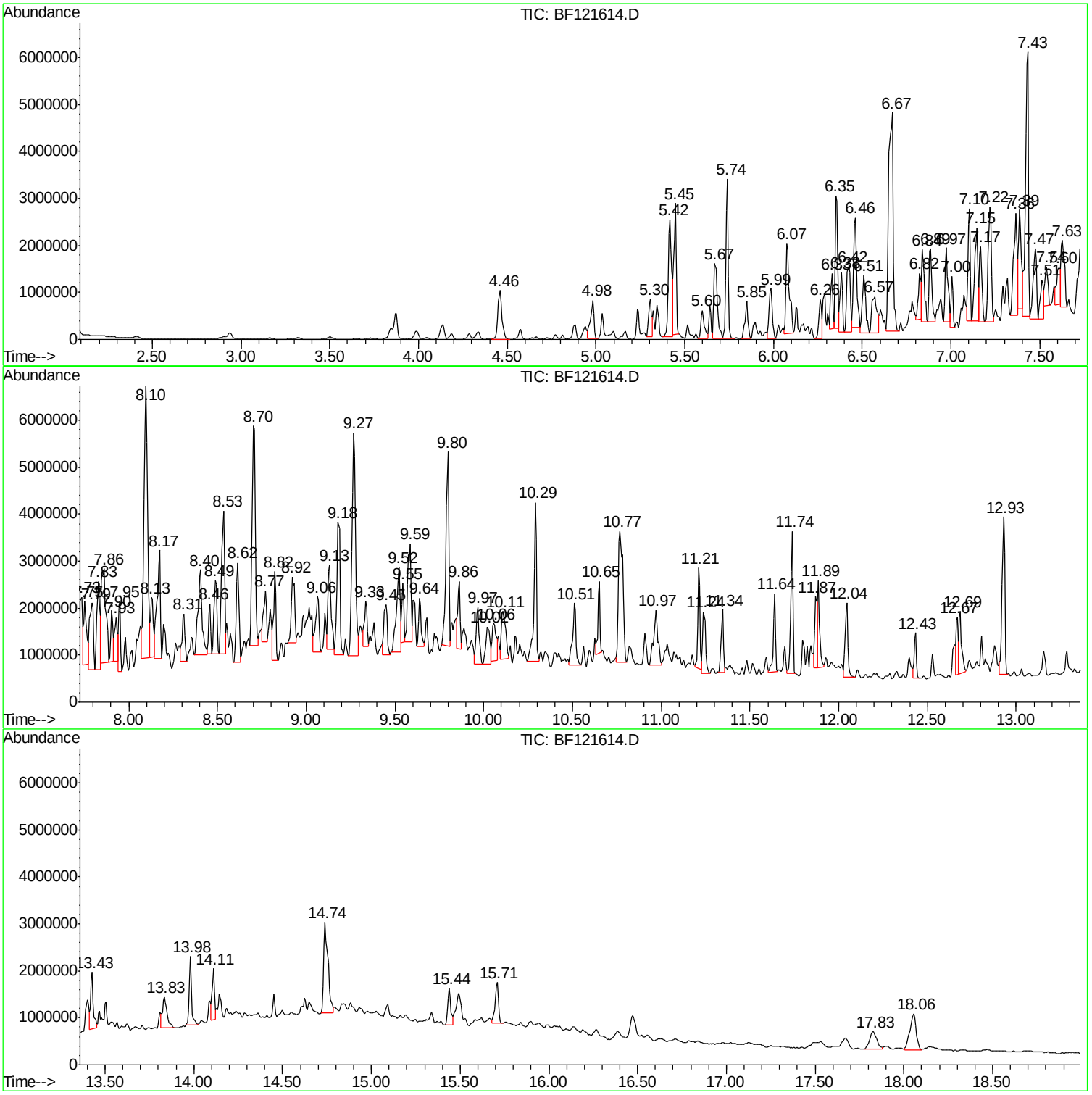
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
Data File : BF121614.D
Acq On : 18 Sep 2020 13:55
Operator : JU/CG
Sample : L4057-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JA-DRUM-COMP

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

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
Data File : BF121614.D
Acq On : 18 Sep 2020 13:55
Operator : JU/CG
Sample : L4057-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JA-DRUM-COMP

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

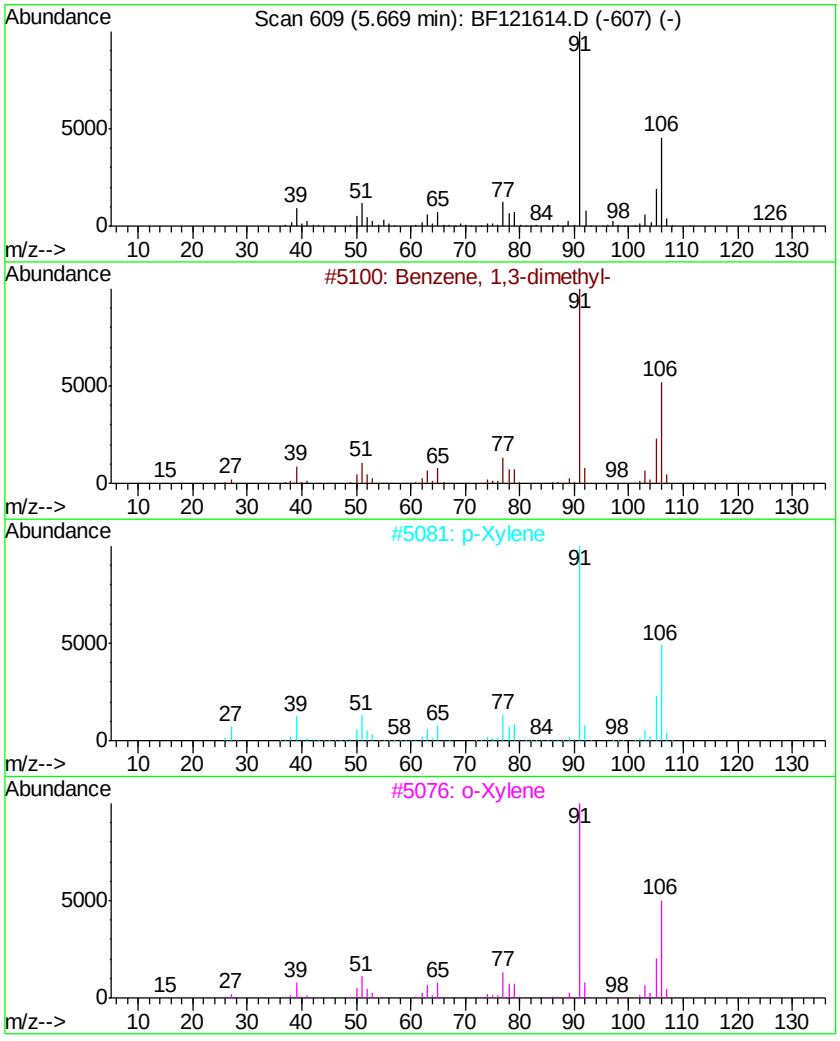
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

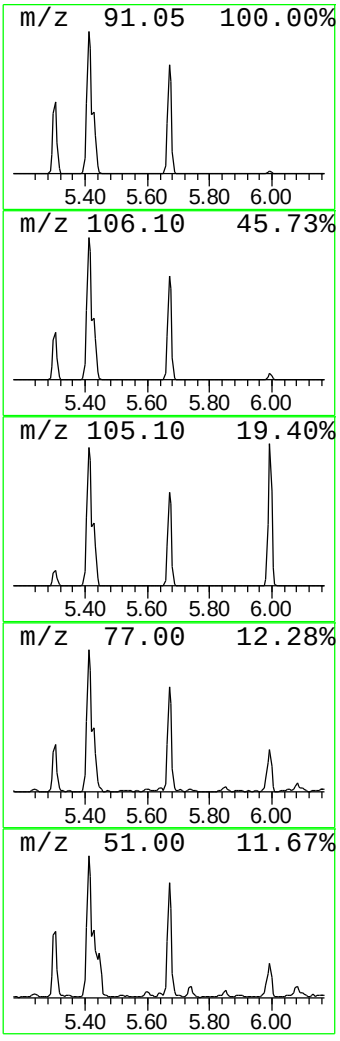
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	31.26 ng	2026720	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	Ethylbenzene	106	C8H10	000100-41-4	87
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
Data File : BF121614.D
Acq On : 18 Sep 2020 13:55
Operator : JU/CG
Sample : L4057-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JA-DRUM-COMP

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

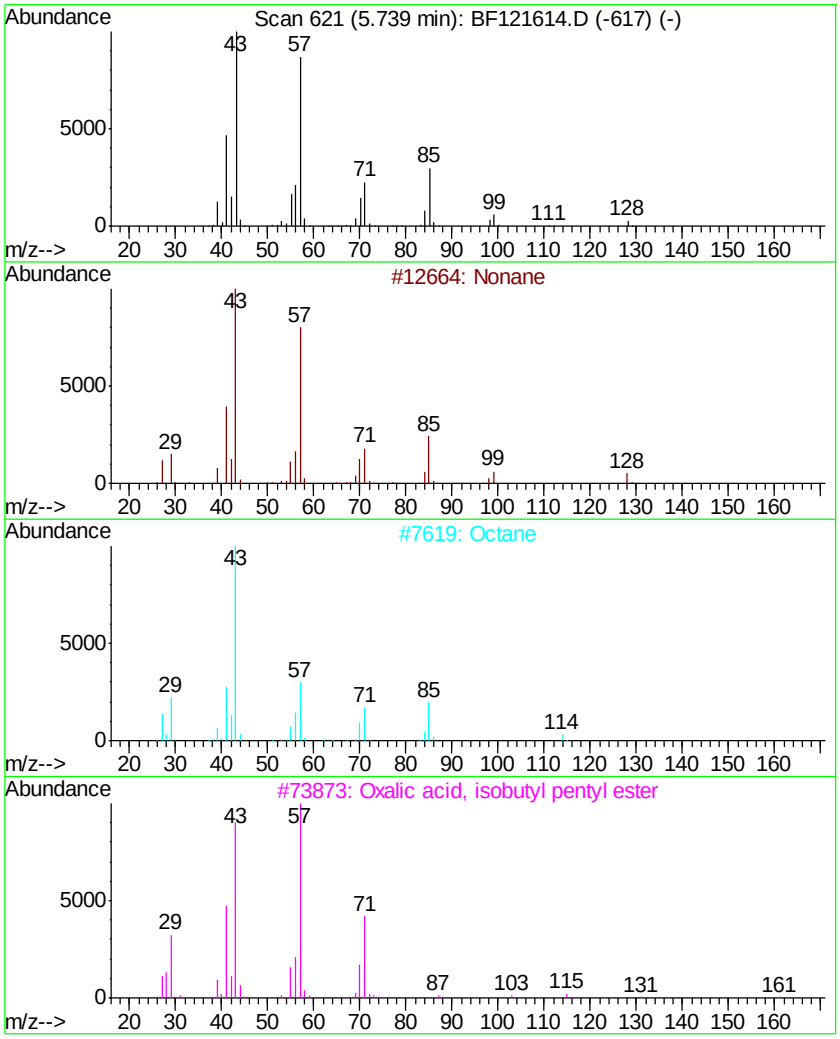
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

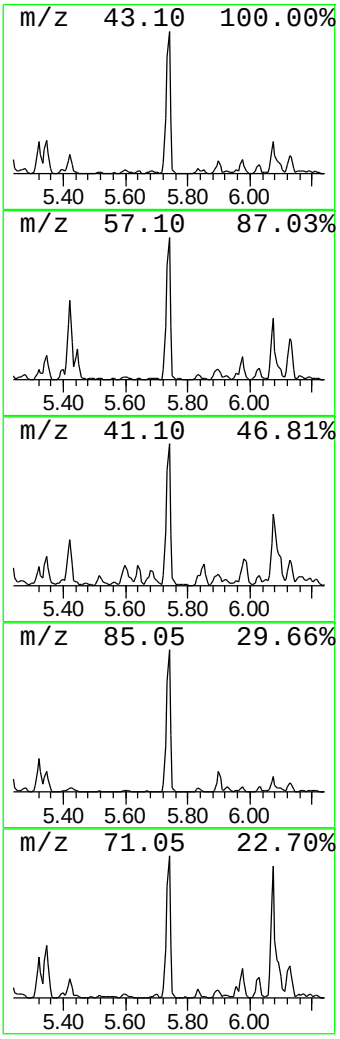
****

Peak Number 2 Nonane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.74	50.23 ng	3257030	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	91
2	Octane	114	C8H18	000111-65-9	72
3	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59
4	Butanoic acid, 3-oxo-, 1,1-dimet...	158	C8H14O3	001694-31-1	53
5	Octane, 4-methyl-	128	C9H20	002216-34-4	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
Data File : BF121614.D
Acq On : 18 Sep 2020 13:55
Operator : JU/CG
Sample : L4057-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JA-DRUM-COMP

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

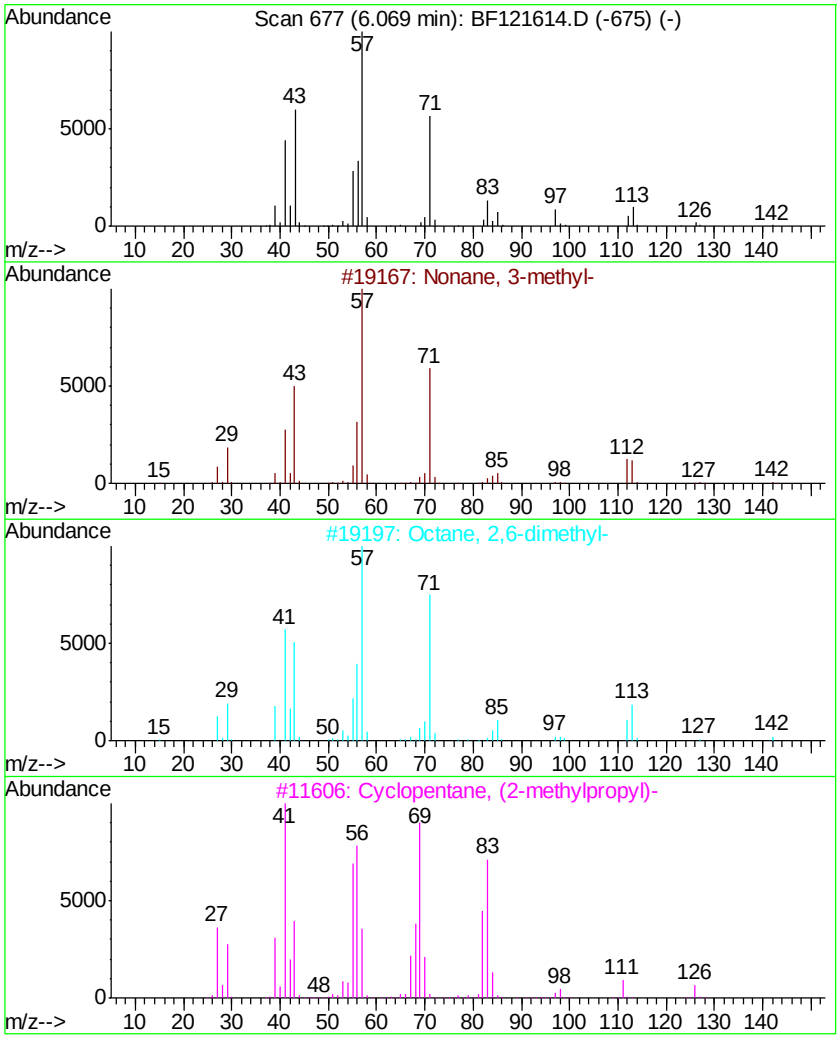
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

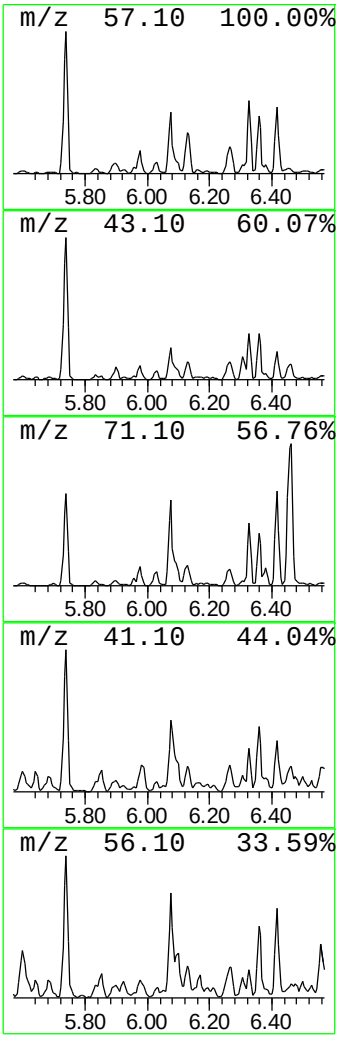
****

Peak Number 3 Nonane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	41.22 ng	2672620	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	55
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	47
3	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	43
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	35
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
Data File : BF121614.D
Acq On : 18 Sep 2020 13:55
Operator : JU/CG
Sample : L4057-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JA-DRUM-COMP

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

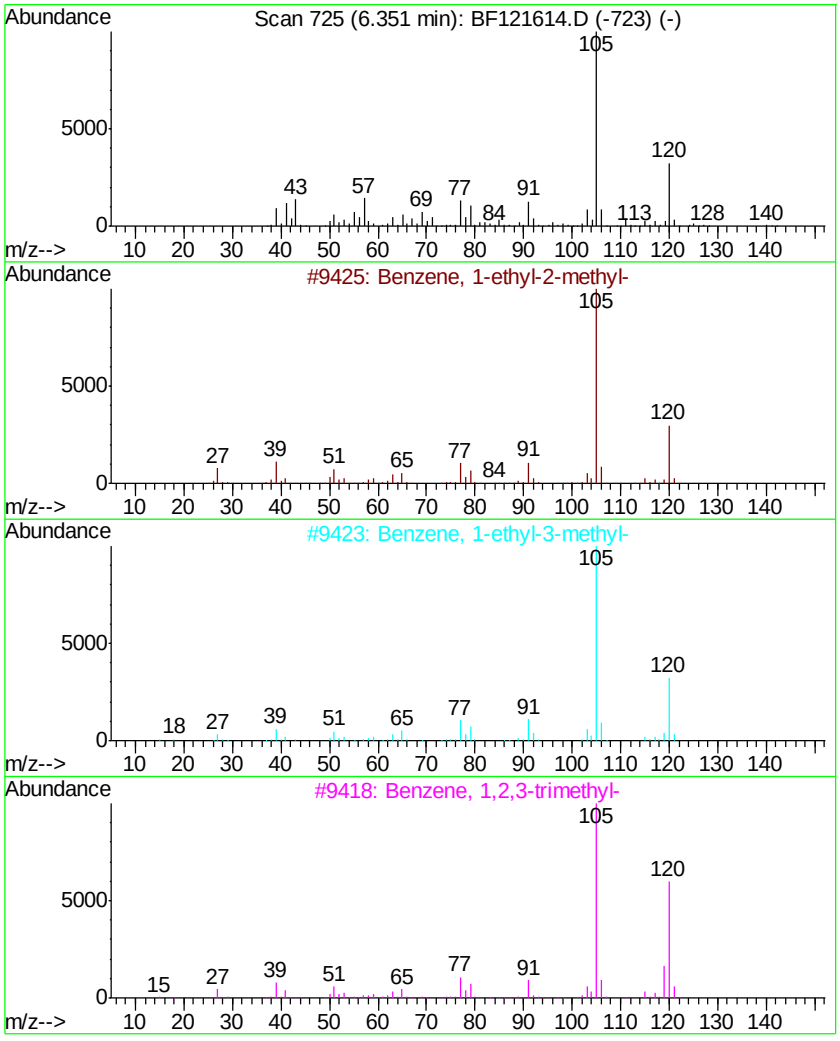
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

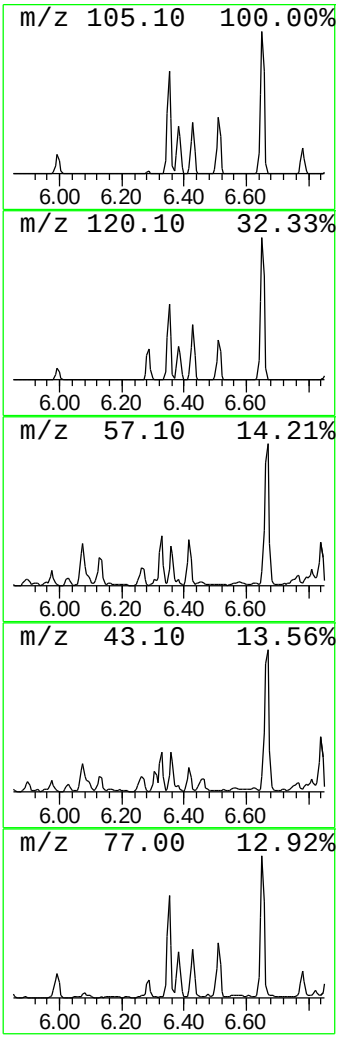
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	46.62 ng	3023050	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
4	Mesitylene	120	C9H12	000108-67-8	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
Data File : BF121614.D
Acq On : 18 Sep 2020 13:55
Operator : JU/CG
Sample : L4057-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JA-DRUM-COMP

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

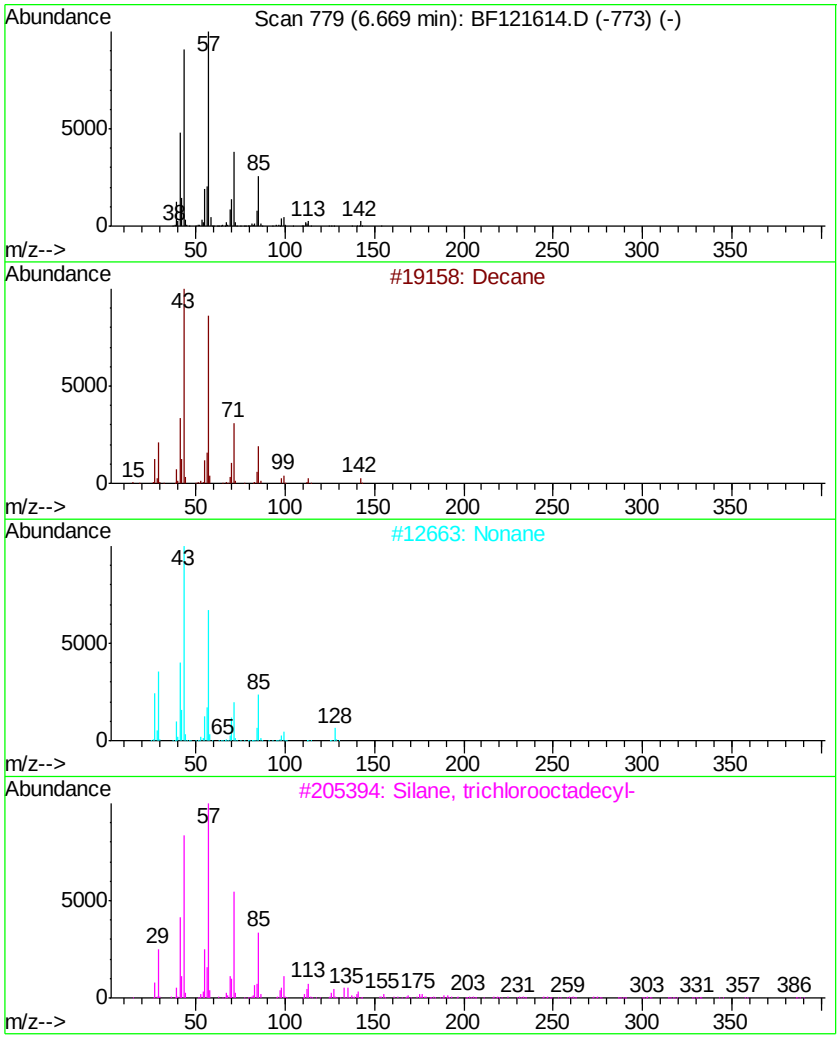
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

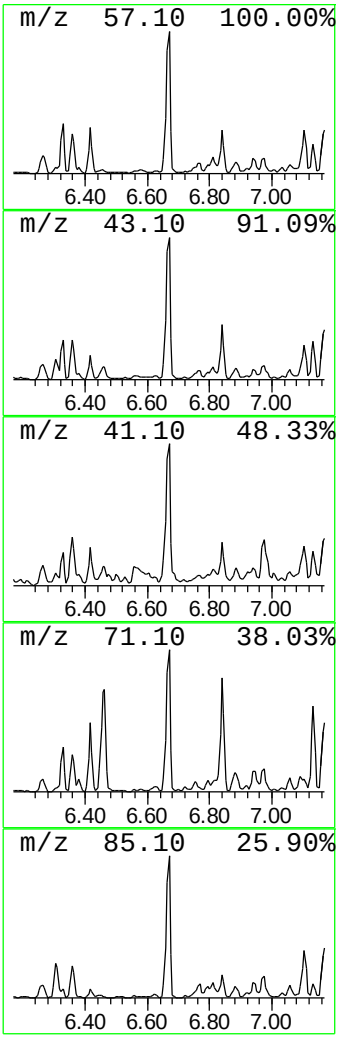
****

Peak Number 5 Decane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	118.36 ng	7674970	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	90
2	Nonane	128	C9H20	000111-84-2	83
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	78
4	Hexadecane	226	C16H34	000544-76-3	72
5	Tridecane	184	C13H28	000629-50-5	72





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Acq On : 18 Sep 2020 13:55
Operator : JU/CG
Sample : L4057-02
Misc :
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Instrument : BNA_F
ClientSampleId : JA-DRUM-COMP

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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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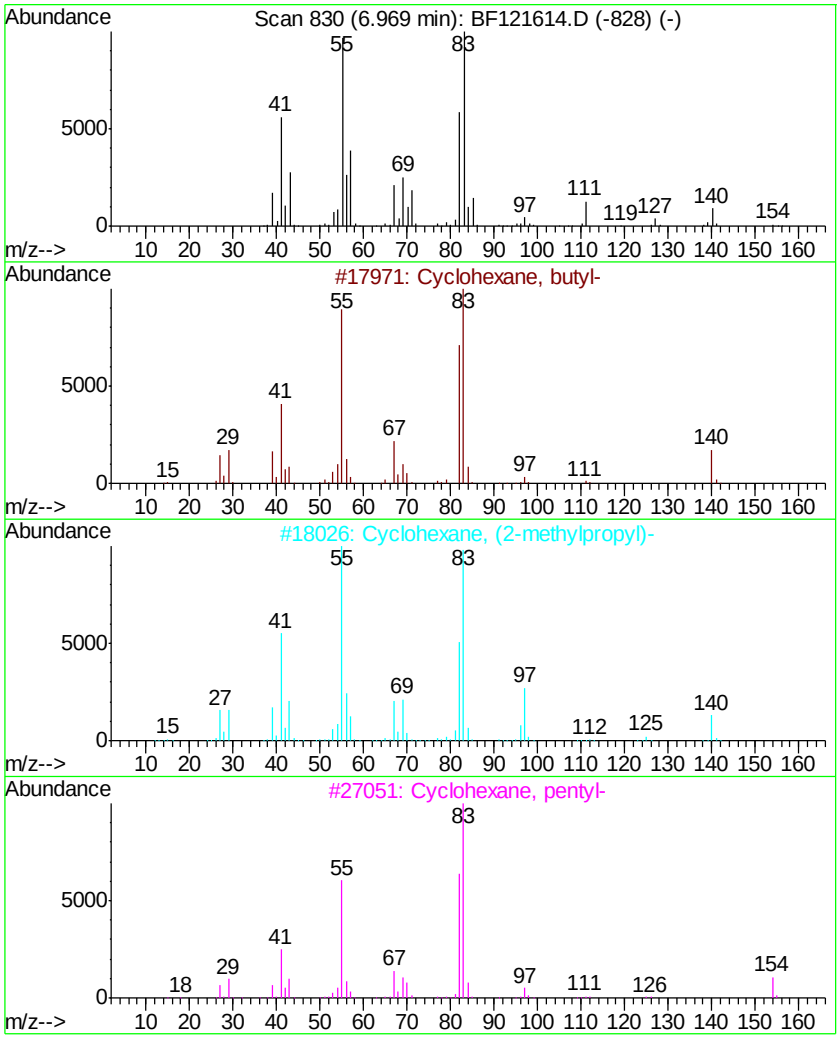
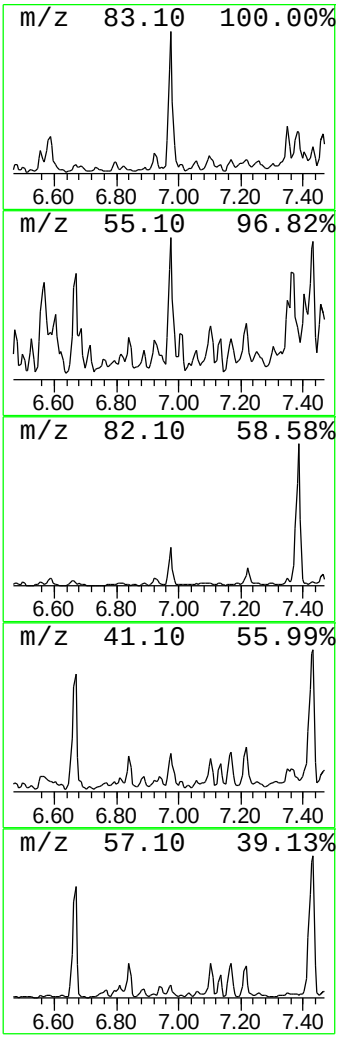
Peak Number 6 Cyclohexane, butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	26.44 ng	1714460	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	83
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	83
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	74
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	64





Library Search Compound Report

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ClientSampleId : JA-DRUM-COMP

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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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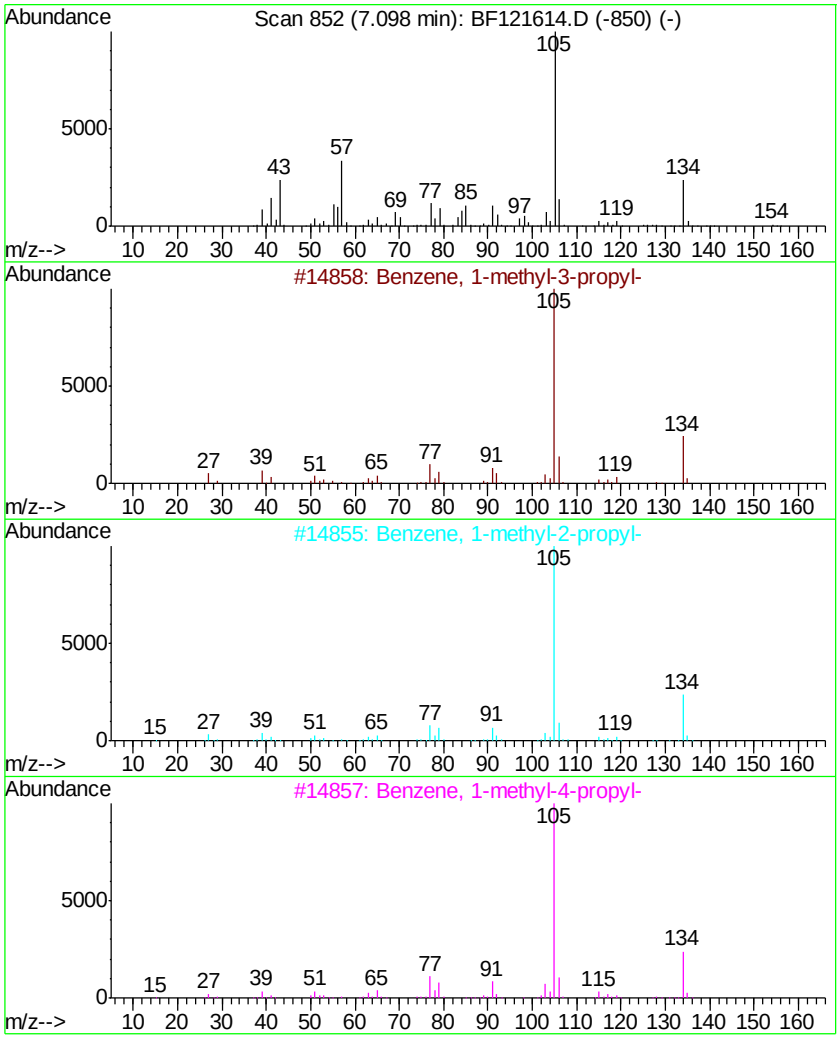
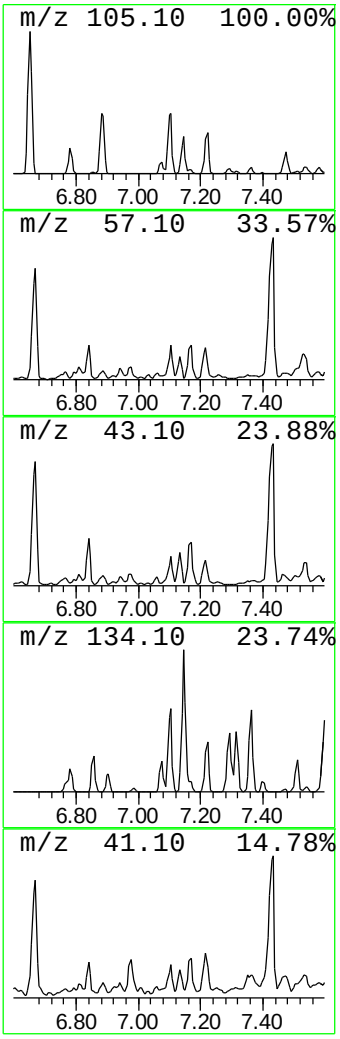
Peak Number 7 Benzene, 1-methyl-3-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	34.56 ng	2240800	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	92
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	64
5	2-Tolyloxirane	134	C9H10O	002783-26-8	47





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ClientSampleId : JA-DRUM-COMP

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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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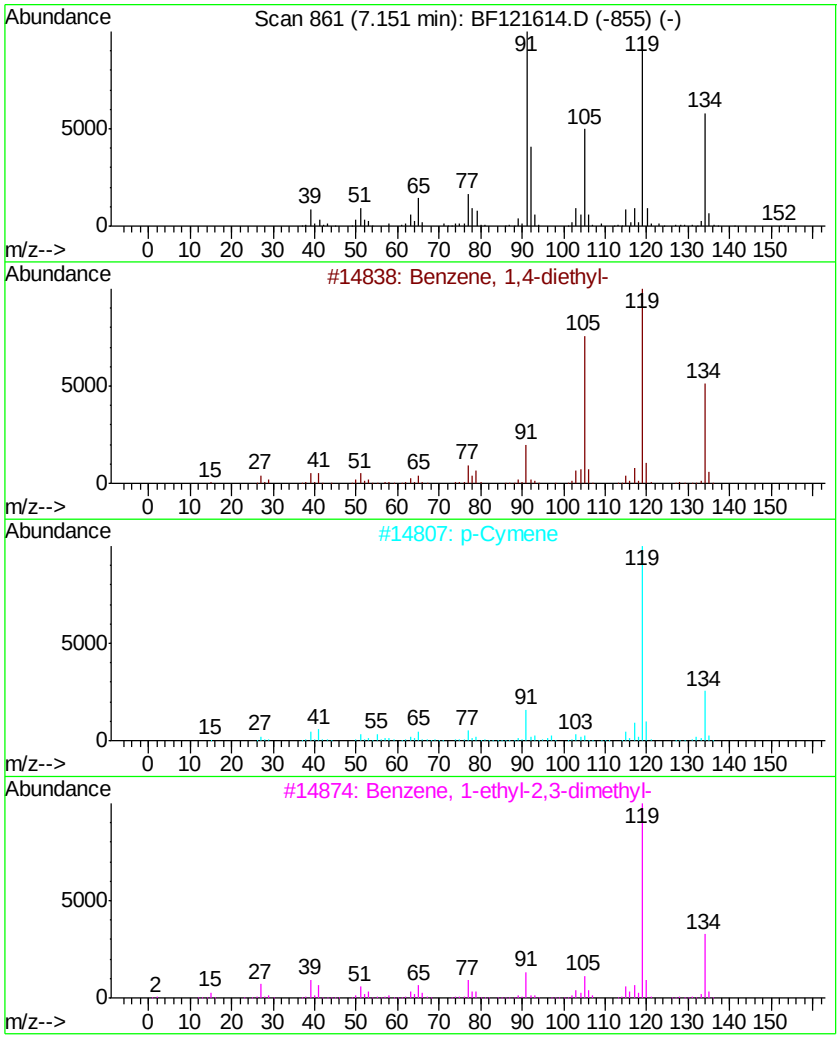
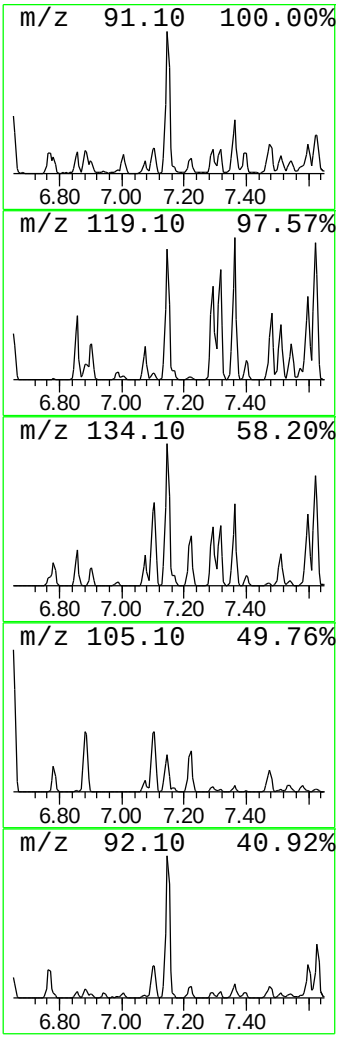
Peak Number 8 Benzene, 1,4-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	42.35 ng	2746310	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
2	p-Cymene	134	C10H14	000099-87-6	93
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90





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ClientSampleId : JA-DRUM-COMP

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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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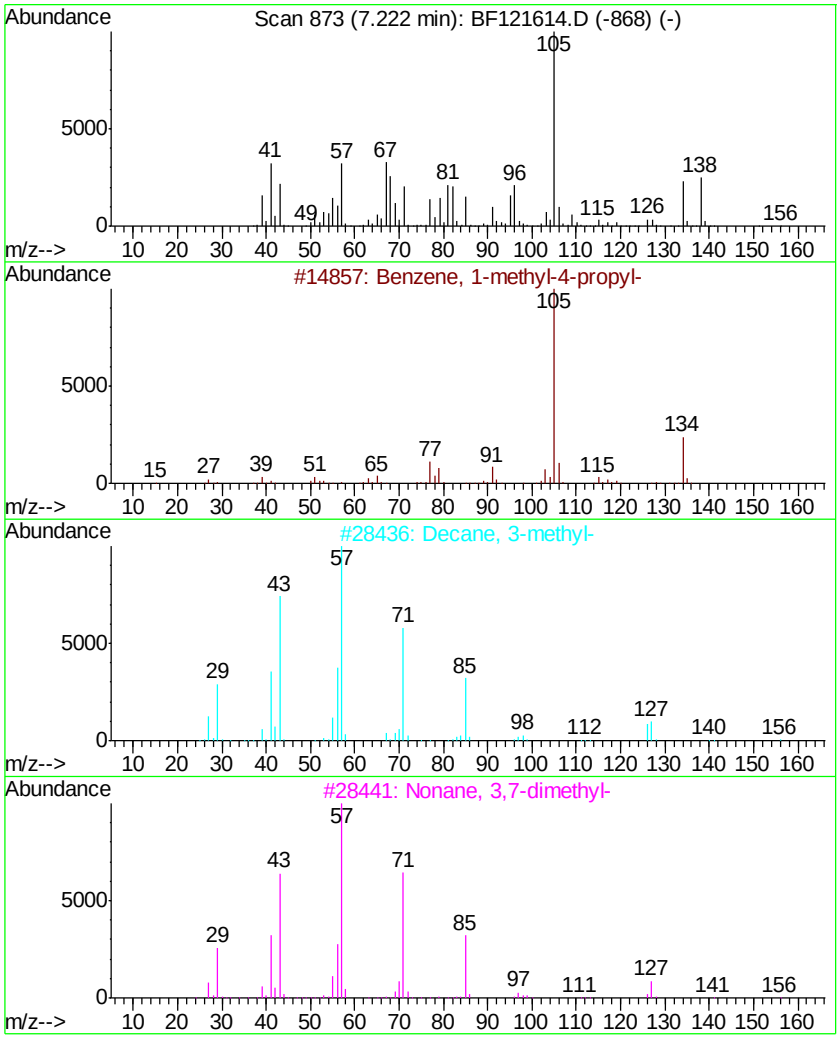
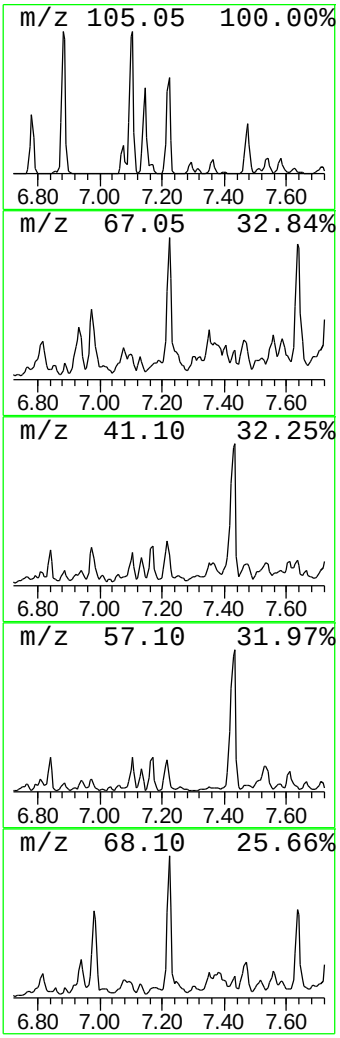
Peak Number 9 Benzene, 1-methyl-4-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	42.54 ng	2758600	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	56
2	Decane, 3-methyl-	156	C11H24	013151-34-3	46
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38
4	Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	35
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	30





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Instrument : BNA_F
ClientSampleId : JA-DRUM-COMP

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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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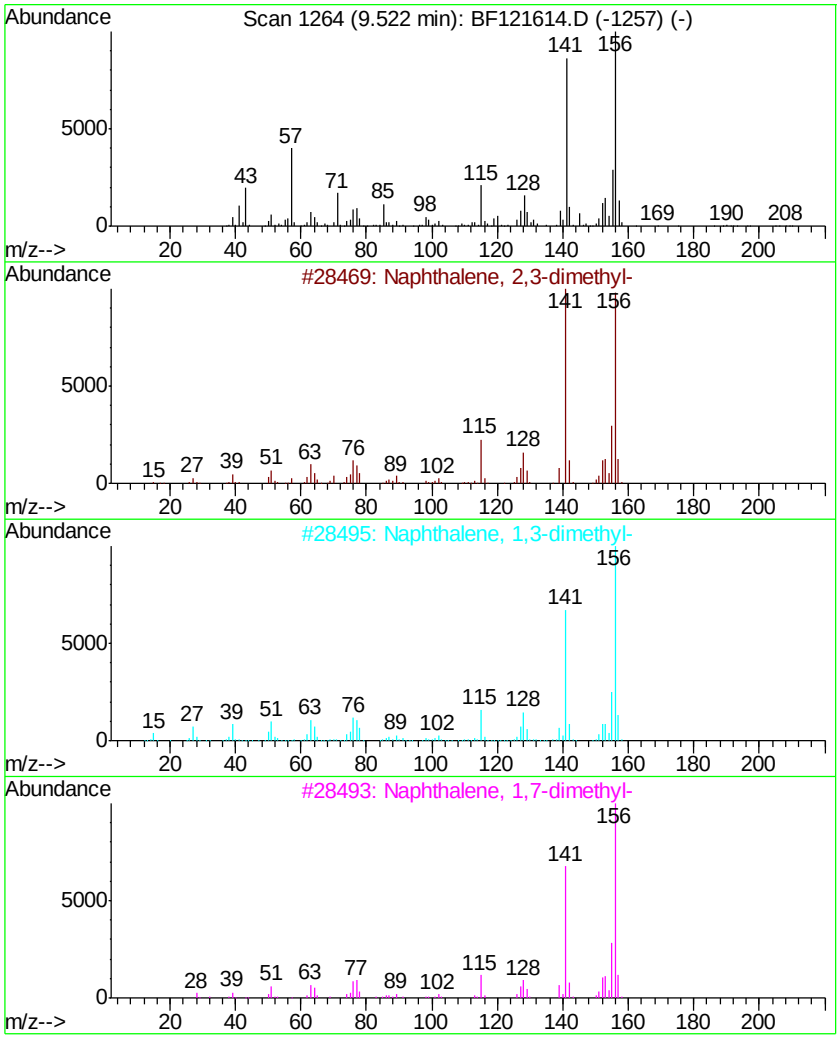
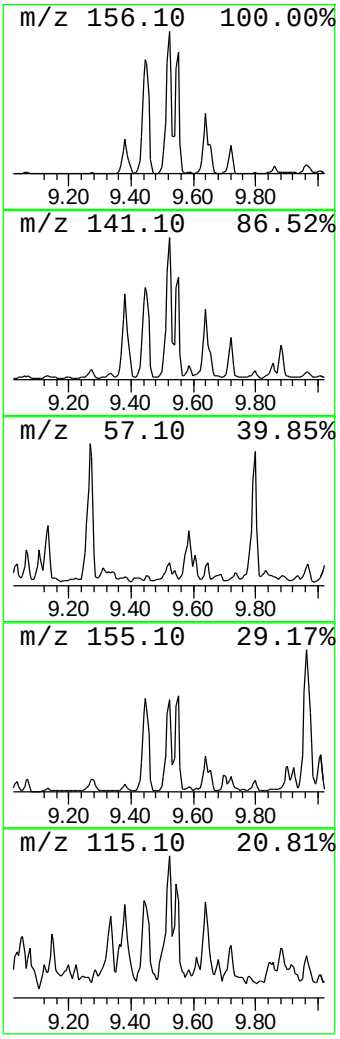
Peak Number 10 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	36.15 ng	2601080	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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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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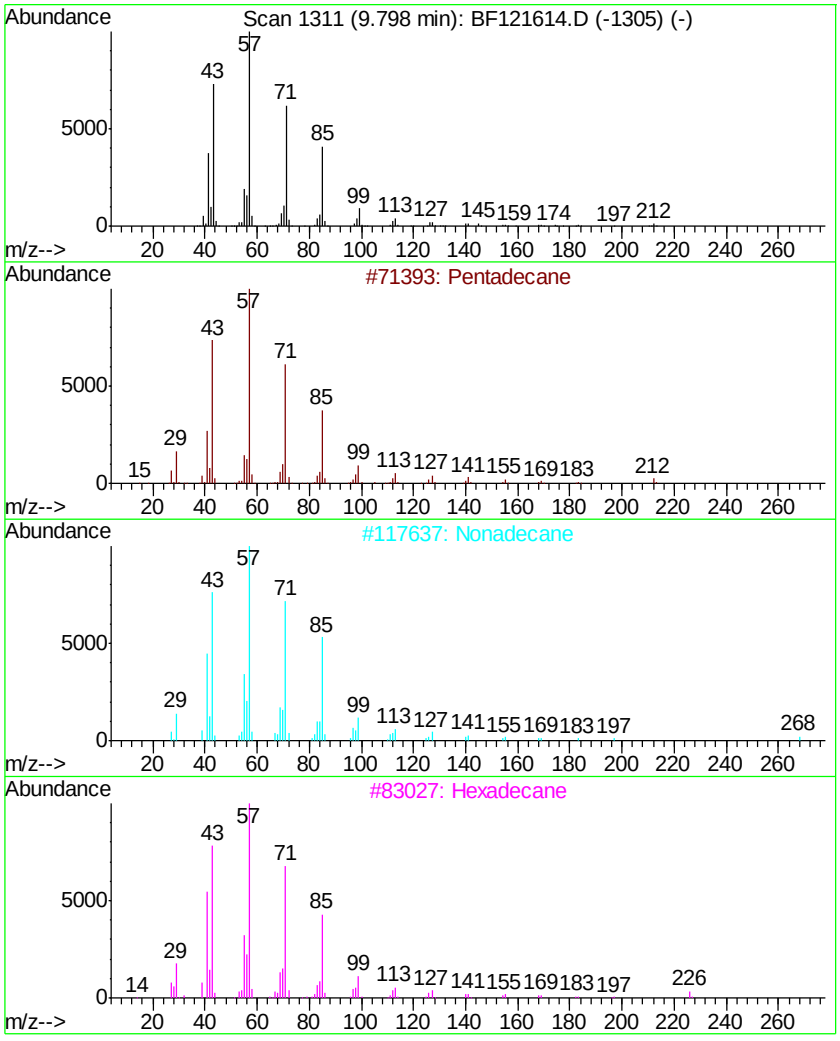
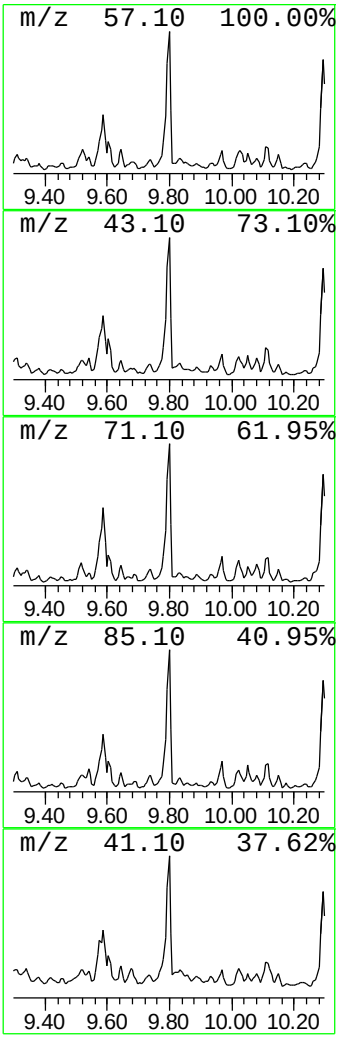
Peak Number 11 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	56.16 ng	4040540	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tridecane	184	C13H28	000629-50-5	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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ClientSampleId : JA-DRUM-COMP

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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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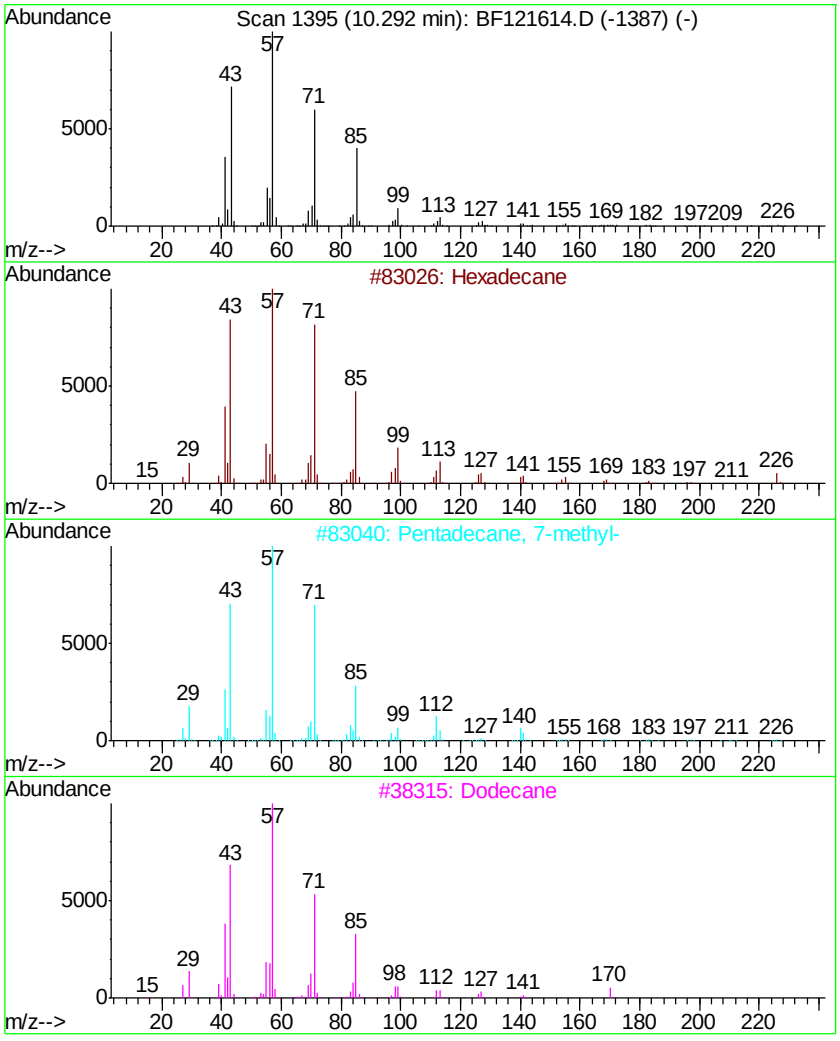
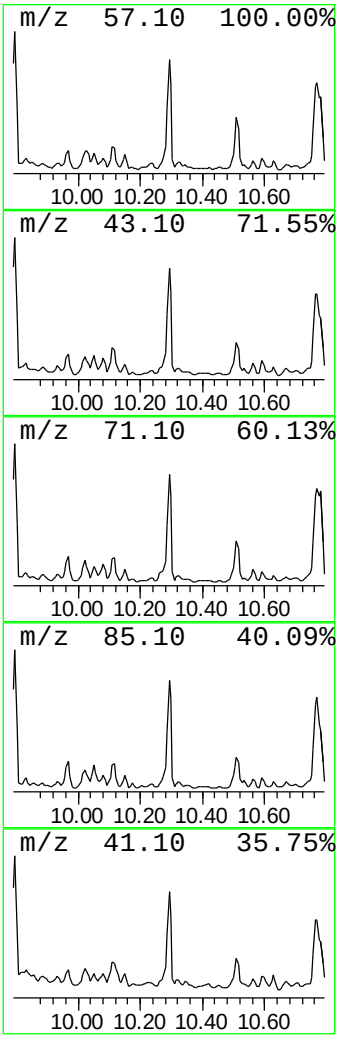
Peak Number 12 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	51.58 ng	3711180	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87
3	Dodecane	170	C12H26	000112-40-3	86
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	72
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68





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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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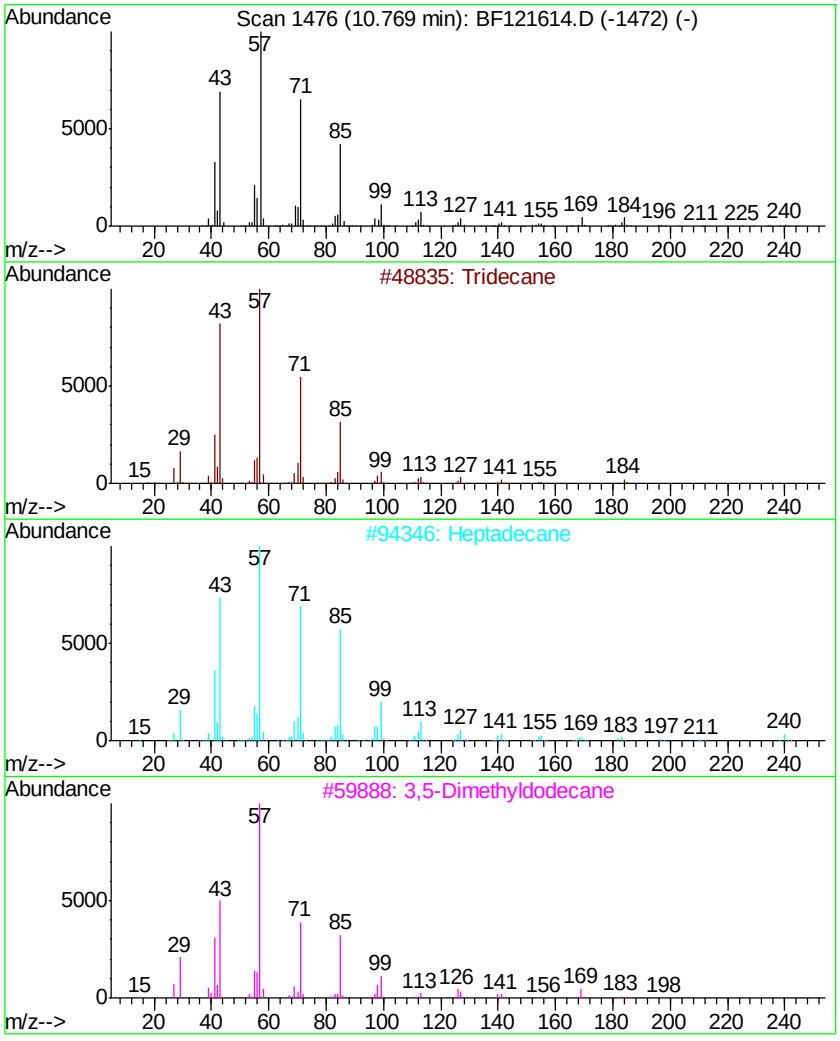
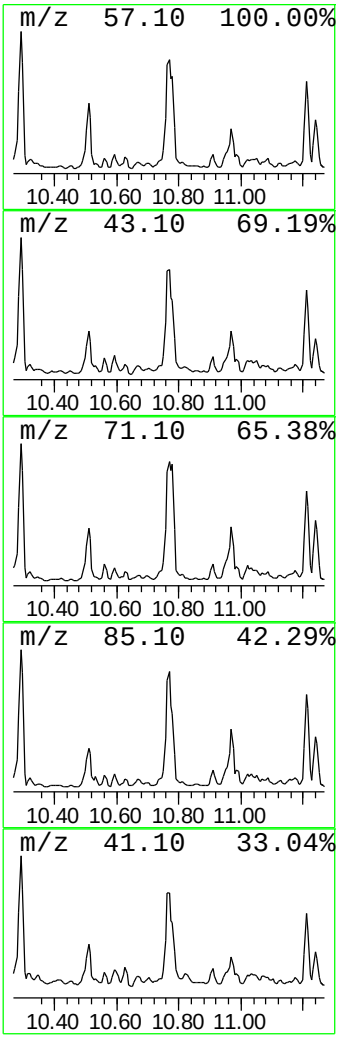
Peak Number 13 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	82.48 ng	4668700	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Heptadecane	240	C17H36	000629-78-7	93
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87





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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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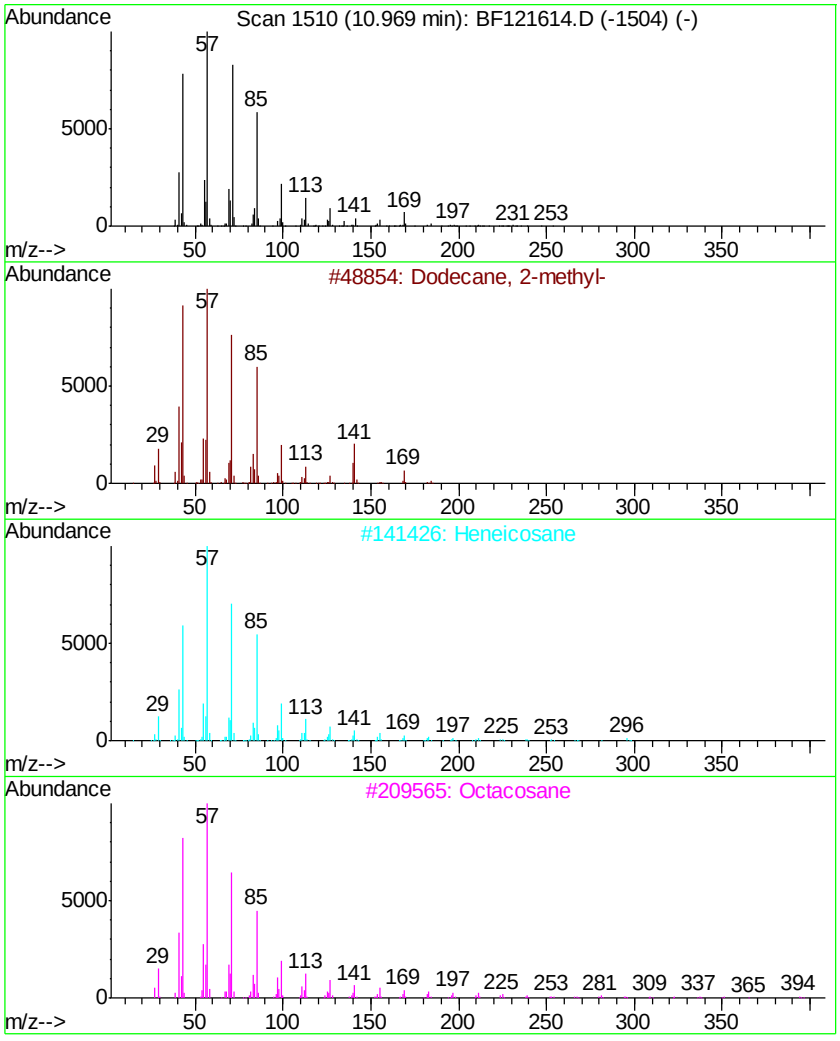
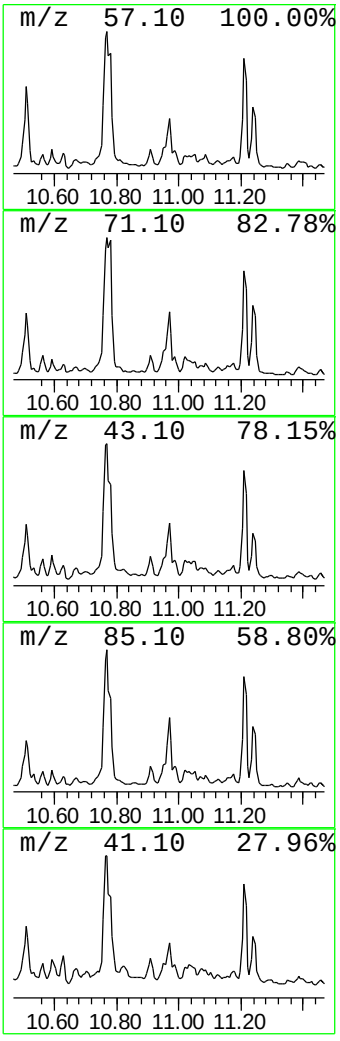
Peak Number 14 Dodecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	33.37 ng	1888830	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	91
2	Heneicosane	296	C21H44	000629-94-7	83
3	Octacosane	394	C28H58	000630-02-4	83
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
5	Tetracosane	338	C24H50	000646-31-1	78





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ClientSampleId : JA-DRUM-COMP

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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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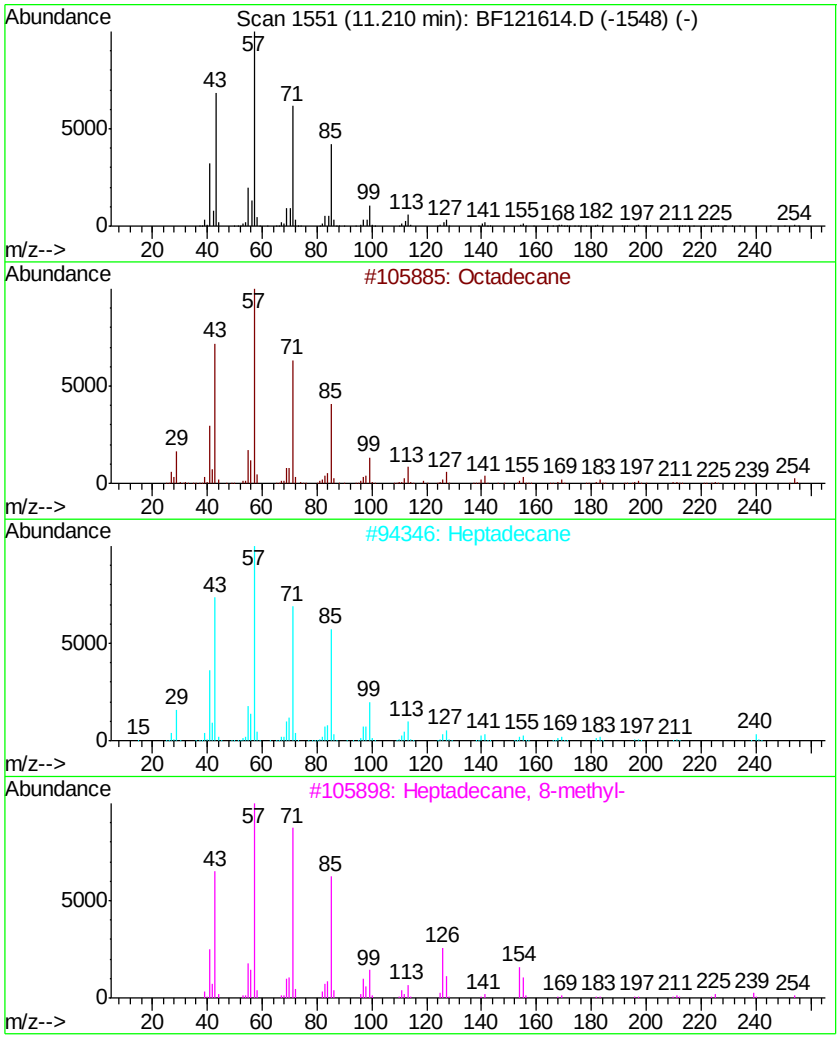
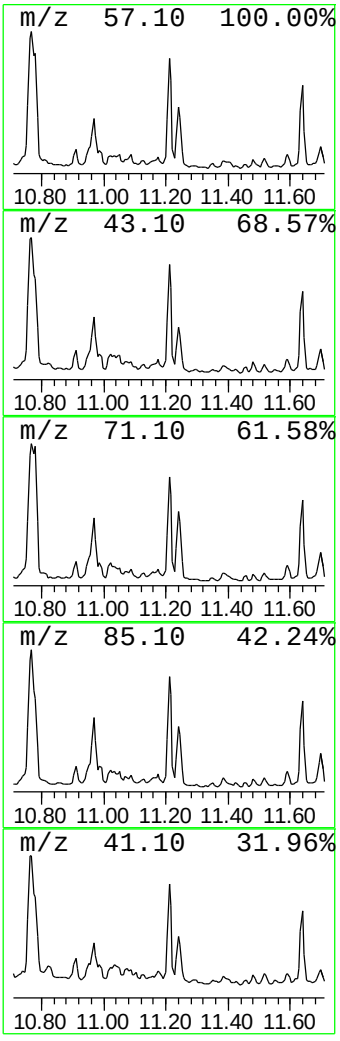
Peak Number 15 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	34.33 ng	1943000	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	87
4	Tridecane	184	C13H28	000629-50-5	87
5	Hexadecane	226	C16H34	000544-76-3	81





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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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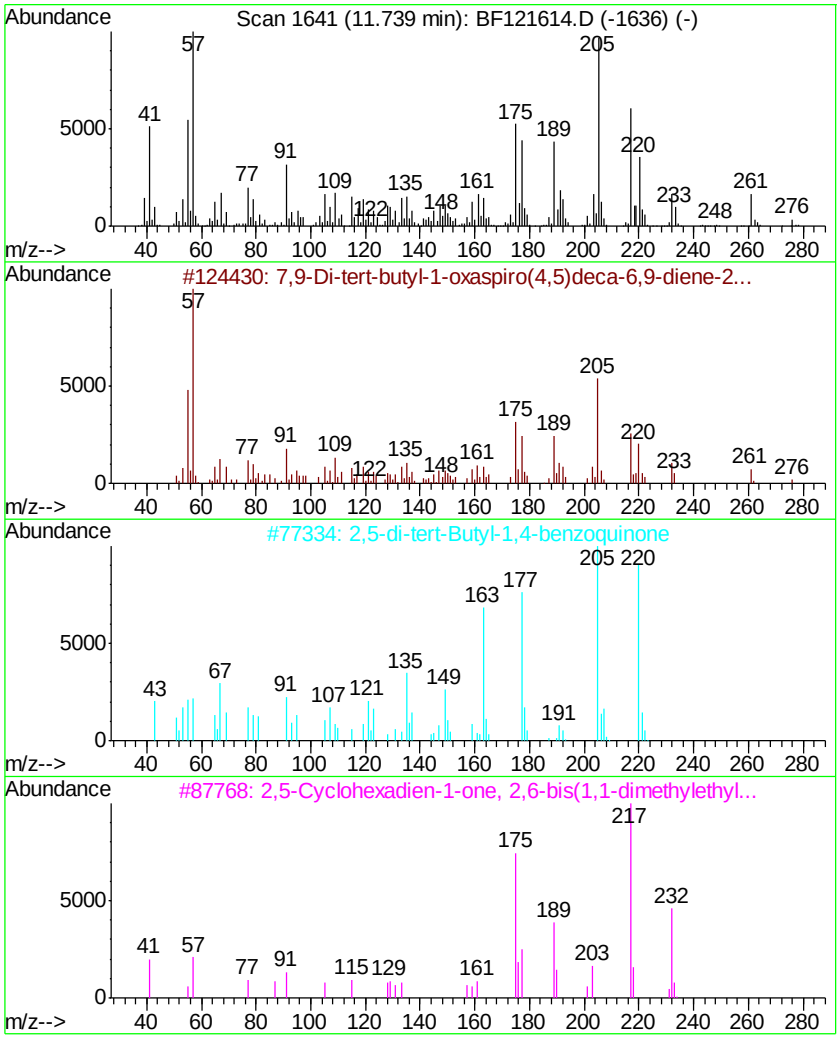
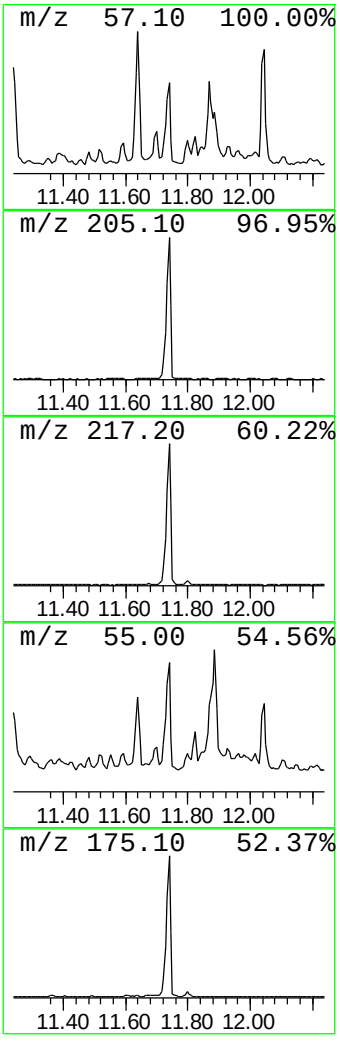
Peak Number 16 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	50.44 ng	2855040	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	44
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	42
4	Benzenamine, N,N-diethyl-4-(2-ni...	220	C12H16N2O2	064462-51-7	38
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	35





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Sample : L4057-02
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ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId : JA-DRUM-COMP

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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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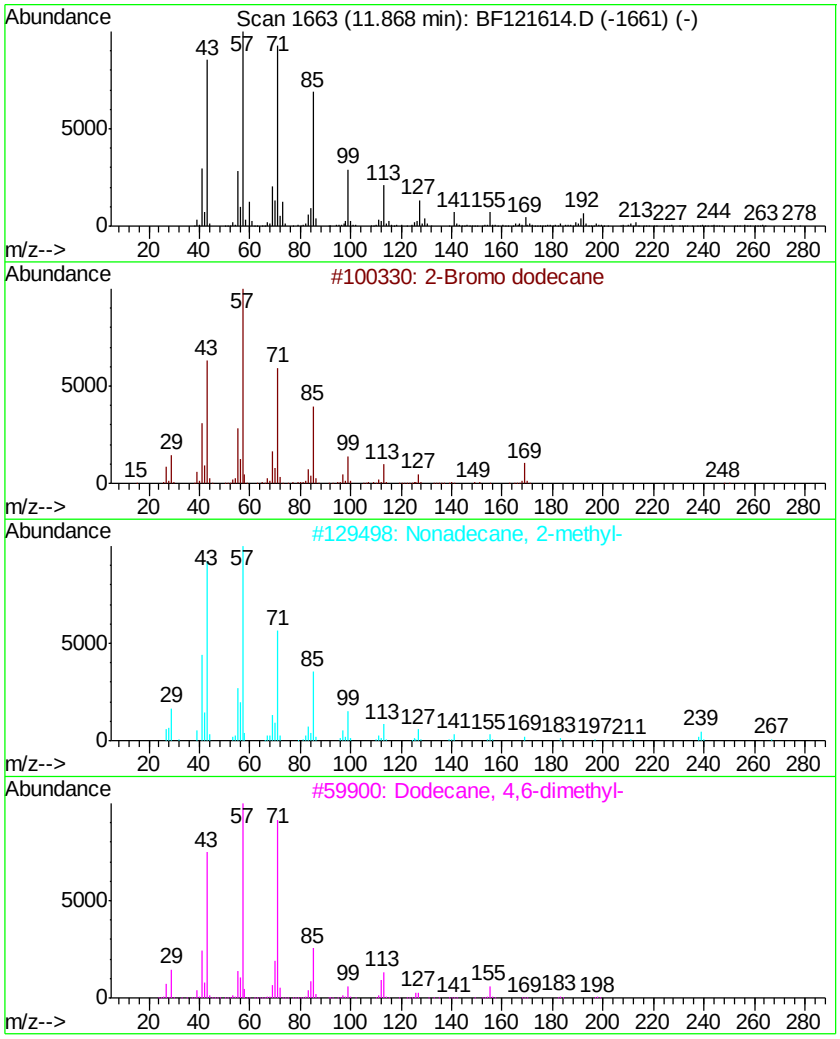
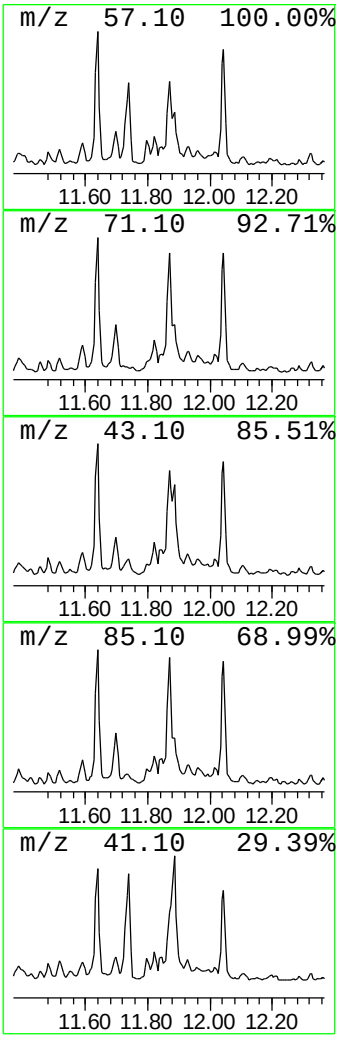
Peak Number 17 2-Bromo dodecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	31.80 ng	1800280	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	72
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	60
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	58
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53





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Data File : BF121614.D
Acq On : 18 Sep 2020 13:55
Operator : JU/CG
Sample : L4057-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JA-DRUM-COMP

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

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

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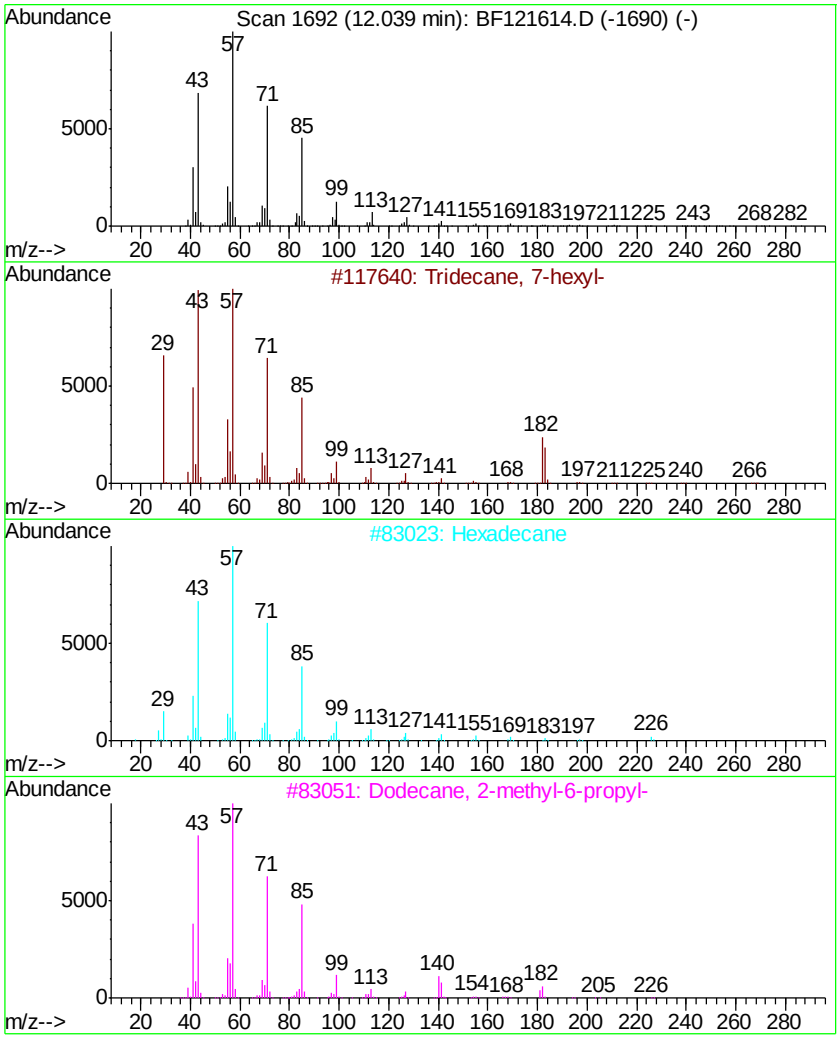
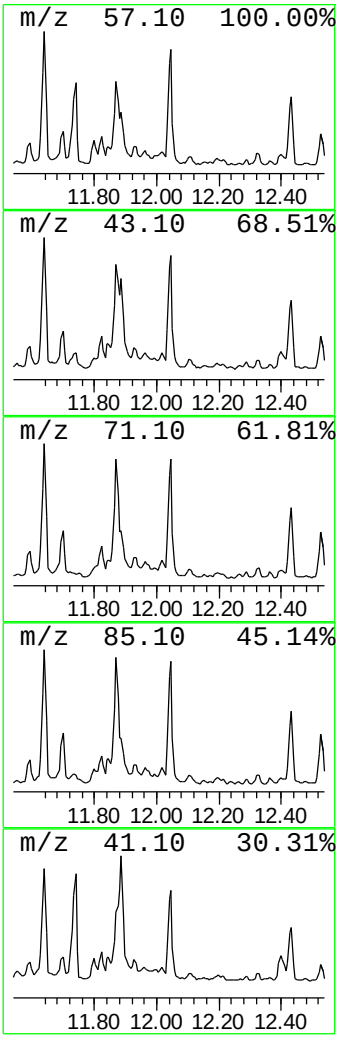
Peak Number 18 Tridecane, 7-hexyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	27.87 ng	1577280	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	95
2	Hexadecane	226	C16H34	000544-76-3	93
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5	Nonadecane	268	C19H40	000629-92-5	91





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Acq On : 18 Sep 2020 13:55
Operator : JU/CG
Sample : L4057-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JA-DRUM-COMP

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

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

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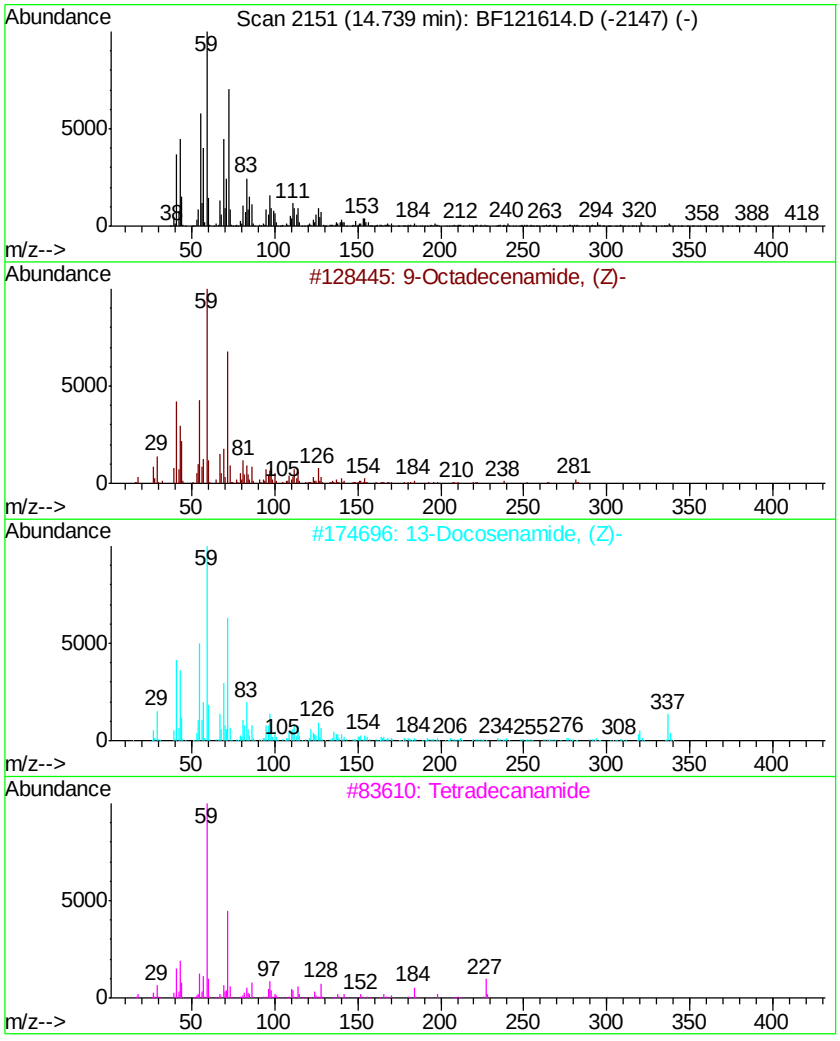
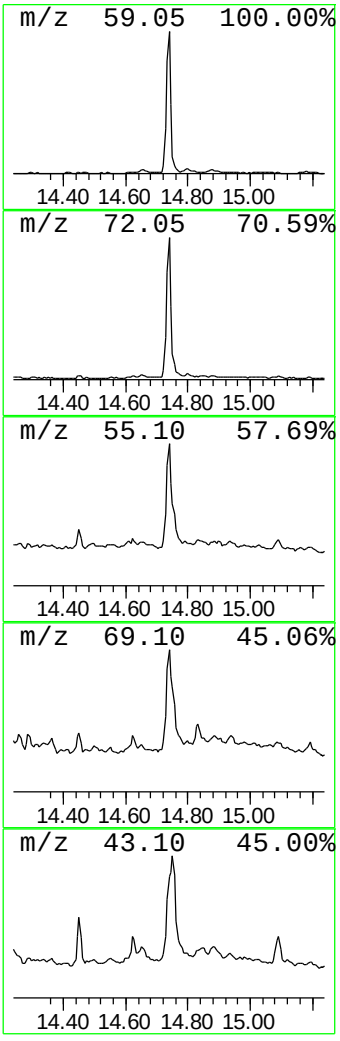
Peak Number 19 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	68.10 ng	3271840	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	97
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	76
3	Tetradecanamide	227	C14H29NO	000638-58-4	59
4	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	50
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
Data File : BF121614.D
Acq On : 18 Sep 2020 13:55
Operator : JU/CG
Sample : L4057-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JA-DRUM-COMP

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

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

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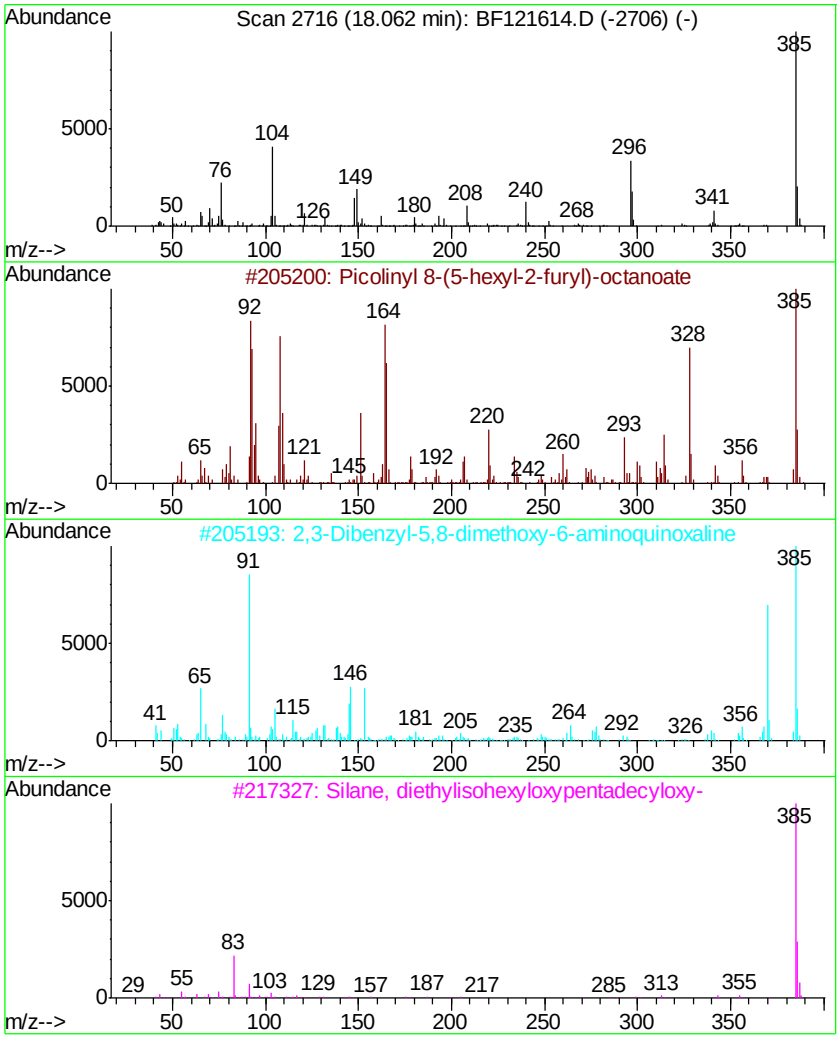
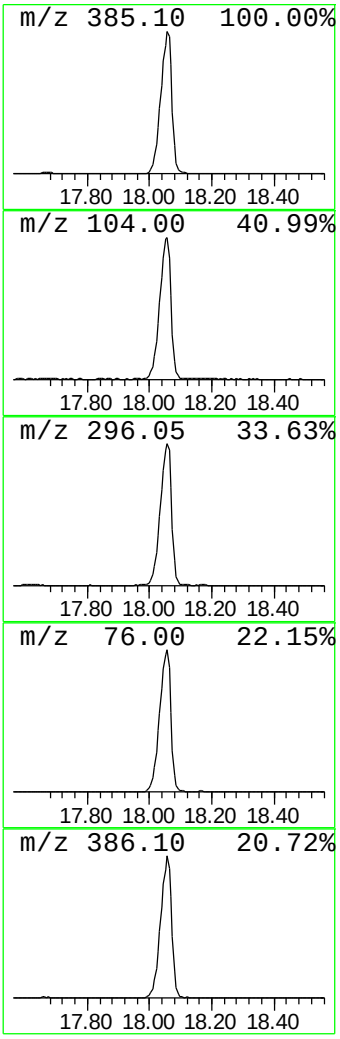
Peak Number 20 unknown18.06 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	39.28 ng	1887400	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picolinyl 8-(5-hexyl-2-furyl)-oc...	385	C24H35NO3	1000335-93-0	30
2	2,3-Dibenzyl-5,8-dimethoxy-6-ami...	385	C24H23N3O2	056393-28-3	17
3	Silane, diethylisohexyloxypentad...	414	C25H54O2Si	1000363-32-2	12
4	Silane, diethylheptyloxytetradec...	414	C25H54O2Si	1000363-95-7	12
5	Silane, diethyl(2-methylpent-3-y...	414	C25H54O2Si	1000363-78-6	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091820\
Data File : BF121614.D
Acq On : 18 Sep 2020 13:55
Operator : JU/CG
Sample : L4057-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JA-DRUM-COMP

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-dime...	5.67	31.3	ng	2026720	1	6.83	1296840	20.0
Nonane	5.74	50.2	ng	3257030	1	6.83	1296840	20.0
Nonane, 3-methyl-	6.07	41.2	ng	2672620	1	6.83	1296840	20.0
Benzene, 1-ethyl-...	6.35	46.6	ng	3023050	1	6.83	1296840	20.0
Decane	6.67	118.4	ng	7674970	1	6.83	1296840	20.0
Cyclohexane, butyl-	6.97	26.4	ng	1714460	1	6.83	1296840	20.0
Benzene, 1-methyl...	7.10	34.6	ng	2240800	1	6.83	1296840	20.0
Benzene, 1,4-diet...	7.15	42.4	ng	2746310	1	6.83	1296840	20.0
Benzene, 1-methyl...	7.22	42.5	ng	2758600	1	6.83	1296840	20.0
Naphthalene, 2,3-...	9.52	36.1	ng	2601080	3	9.86	1439020	20.0
Pentadecane	9.80	56.2	ng	4040540	3	9.86	1439020	20.0
Hexadecane	10.29	51.6	ng	3711180	3	9.86	1439020	20.0
Tridecane	10.77	82.5	ng	4668700	4	11.35	1132090	20.0
Dodecane, 2-methyl-	10.97	33.4	ng	1888830	4	11.35	1132090	20.0
Octadecane	11.21	34.3	ng	1943000	4	11.35	1132090	20.0
7,9-Di-tert-butyl...	11.74	50.4	ng	2855040	4	11.35	1132090	20.0
2-Bromo dodecane	11.87	31.8	ng	1800280	4	11.35	1132090	20.0
Tridecane, 7-hexyl-	12.04	27.9	ng	1577280	4	11.35	1132090	20.0
9-Octadecenamide,...	14.74	68.1	ng	3271840	6	15.44	960959	20.0
unknown18.06	18.06	39.3	ng	1887400	6	15.44	960959	20.0