LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122753.D
Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-02-12142020

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122753.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.428	564	568	579	rVB	1731549	1589076	61.86%	2.701%
2	5.645	599	605	615	rBV	321984	368356	14.34%	0.626%
3	6.445	737	741	747	rVV	1651628	1625565	63.28%	2.763%
4	6.651	772	776	780	rBV2	645368	716001	27.87%	1.217%
5	6.816	800	804	811	rVB	1470953	1341221	52.21%	2.279%
6	7.075	845	848	854	rVB2	569333	722385	28.12%	1.228%
7	7.210	867	871	874	rBV2	236023	229637	8.94%	0.390%
8	7.357	892	896	897	rBV3	172284	215050	8.37%	0.365%
9	7.375	897	899	902	rVV	1134645	1008499	39.26%	1.714%
10	7.416	904	906	910	rVV	609481	547246	21.30%	0.930%
11	7.469	910	915	918	rVB5	171778	284112	11.06%	0.483%
12	7.622	939	941	944	rVB2	217843	230618	8.98%	0.392%
13	7.675	948	950	953	rVV	925912	674397	26.25%	1.146%
14	7.745	960	962	966	rVB3	188535	203795	7.93%	0.346%
15	7.786	966	969	972	rVB3	169419	192751	7.50%	0.328%
16	7.822	972	975	977	rBV	221987	191203	7.44%	0.325%
17	7.857	977	981	984	rVV3	456163	593212	23.09%	1.008%
18	7.898	984	988	991	rVV3	350346	380580	14.81%	0.647%
19	7.922	991	992	998	rVB3	190118	219814	8.56%	0.374%
20	7.975	998	1001	1005	rBV2	171057	223423	8.70%	0.380%
21	8.057	1010	1015	1017	rBV4	169161	281771	10.97%	0.479%
22	8.104	1017	1023	1025	rVV2	1820525	2568918	100.00%	4.366%
23	8.122	1025	1026	1029	rVV2	331754	274335	10.68%	0.466%
24	8.169	1029	1034	1036	rVB	597877	640367	24.93%	1.088%
25	8.316	1054	1059	1063	rBV	631214	622751	24.24%	1.058%
26	8.375	1066	1069	1071	rBV	703134	652443	25.40%	1.109%
27	8.398	1071	1073	1075	rVB3	338712	276174	10.75%	0.469%
28	8.451	1080	1082	1085	rBV3	257909	204050	7.94%	0.347%
29	8.480	1085	1087	1091	rVB3	360864	370447	14.42%	0.630%
30	8.527	1091	1095	1097	rBV	1094117	952547	37.08%	1.619%
31	8.569	1100	1102	1104	rVB	284067	224128	8.72%	0.381%
32	8.610	1106	1109	1111	rBV2	303870	262582	10.22%	0.446%
33	8.698	1120	1124	1128	rBV	1356244	1166966	45.43%	1.983%
34	8.763	1133	1135	1137	rVV3	221211	213868	8.33%	0.363%
35	8.810	1137	1143	1147	rVB3	574085	924513	35.99%	1.571%
36	8.875	1152	1154	1157	rBV	204621	212060	8.25%	0.360%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122753.D
Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-02-12142020

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.916	1158	1161	1165	rVB2	347175	414292	16.13%	0.704%
38	8.980	1170	1172	1175	rVV2	326670	471350	18.35%	0.801%
39	9.010	1175	1177	1182	rVV3	382952	578496	22.52%	0.983%
40	9.063	1182	1186	1189	rVV2	352856	493814	19.22%	0.839%
41	9.098	1189	1192	1194	rVV	450018	415795	16.19%	0.707%
42	9.127	1194	1197	1201	rVV	1079330	1008514	39.26%	1.714%
43	9.175	1202	1205	1210	rVV	2164299	2097923	81.67%	3.565%
44	9.263	1216	1220	1225	rVV	1336584	1448518	56.39%	2.462%
45	9.304	1225	1227	1229	rVV2	294060	321595	12.52%	0.547%
46	9.327	1229	1231	1237	rVV5	285041	457089	17.79%	0.777%
47	9.374	1237	1239	1243	rVV4	162105	226619	8.82%	0.385%
48	9.445	1244	1251	1254	rVV4	320981	609125	23.71%	1.035%
49	9.516	1260	1263	1265	rVV2	610351	640473	24.93%	1.088%
50	9.539	1265	1267	1269	rVV2	425033	357736	13.93%	0.608%
51	9.580	1269	1274	1276	rVV3	953218	1412668	54.99%	2.401%
52	9.604	1276	1278	1280	rVV2	231457	217034	8.45%	0.369%
53	9.633	1280	1283	1287	rVB2	287949	342330	13.33%	0.582%
54	9.716	1295	1297	1302	rBV2	313042	352937	13.74%	0.600%
55	9.769	1303	1306	1308	rVV	277499	275702	10.73%	0.469%
56	9.792	1308	1310	1314	rVB	777992	633609	24.66%	1.077%
57	9.857	1314	1321	1324	rBV	2038820	1947211	75.80%	3.309%
58	9.963	1336	1339	1343	rVB2	183260	213085	8.29%	0.362%
59	10.057	1351	1355	1357	rVB2	231435	231691	9.02%	0.394%
60	10.174	1372	1375	1377	rBV	228640	227199	8.84%	0.386%
61	10.263	1387	1390	1392	rVV3	162384	190347	7.41%	0.323%
62	10.286	1392	1394	1396	rVV2	430192	339593	13.22%	0.577%
63	10.398	1410	1413	1420	rVV4	191574	269726	10.50%	0.458%
64	10.510	1429	1432	1437	rVV2	317224	336089	13.08%	0.571%
65	10.645	1449	1455	1459	rBV	1312201	1278194	49.76%	2.172%
66	10.763	1472	1475	1483	rVB3	468172	732831	28.53%	1.245%
67	11.239	1553	1556	1559	rVV	219990	215404	8.39%	0.366%
68	11.274	1559	1562	1564	rVB	343705	286128	11.14%	0.486%
69	11.345	1570	1574	1576	rBV	1621513	1592608	62.00%	2.707%
70	11.363	1576	1577	1581	rVV	654136	466313	18.15%	0.793%
71	11.463	1589	1594	1598	rBV	421543	434432	16.91%	0.738%
72	11.580	1611	1614	1619	rBV	448431	417970	16.27%	0.710%
73	11.639	1621	1624	1626	rVV	246674	203437	7.92%	0.346%
74	11.698	1631	1634	1638	rVV	213424	201307	7.84%	0.342%
75	11.751	1639	1643	1648	rVB2	383016	386251	15.04%	0.656%
76	11.845	1656	1659	1662	rBV2	383559	530672	20.66%	0.902%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122753.D
Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-02-12142020

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-BF120520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.880	1662	1665	1668	rVB2	1095565	1042046	40.56%	1.771%
78	11.951	1674	1677	1680	rBV	339454	359929	14.01%	0.612%
79	11.980	1680	1682	1686	rVB2	267980	247704	9.64%	0.421%
80	12.110	1701	1704	1707	rBV2	164372	211427	8.23%	0.359%
81	12.398	1750	1753	1755	rBV	281087	252238	9.82%	0.429%
82	12.421	1755	1757	1761	rVV2	343153	439003	17.09%	0.746%
83	12.486	1765	1768	1772	rBV2	238359	324672	12.64%	0.552%
84	12.557	1777	1780	1783	rBV	875843	681206	26.52%	1.158%
85	12.663	1793	1798	1804	rBV4	1028498	1306663	50.86%	2.221%
86	12.786	1815	1819	1825	rVB	1241506	1414962	55.08%	2.405%
87	12.839	1825	1828	1833	rBV3	151418	187485	7.30%	0.319%
88	12.927	1840	1843	1846	rBV	1988430	1636634	63.71%	2.781%
89	13.004	1853	1856	1863	rBV2	154413	265859	10.35%	0.452%
90	13.110	1872	1874	1878	rVB2	244739	234833	9.14%	0.399%
91	13.215	1889	1892	1897	rVV	260490	262192	10.21%	0.446%
92	13.980	2018	2022	2025	rBV2	1387722	1687711	65.70%	2.868%
93	14.009	2025	2027	2035	rVB	414585	406892	15.84%	0.692%
94	14.145	2048	2050	2058	rVB3	235672	271591	10.57%	0.462%
95	14.451	2100	2102	2107	rVB2	228852	241092	9.38%	0.410%
96	14.756	2151	2154	2157	rBV	213877	215708	8.40%	0.367%
97	15.021	2195	2199	2202	rBV	284026	435881	16.97%	0.741%
98	15.315	2247	2249	2254	rVB	252412	299336	11.65%	0.509%
99	15.380	2256	2260	2266	rBV	313345	428674	16.69%	0.729%
100	15.445	2266	2271	2274	rBV	1020279	1305436	50.82%	2.219%

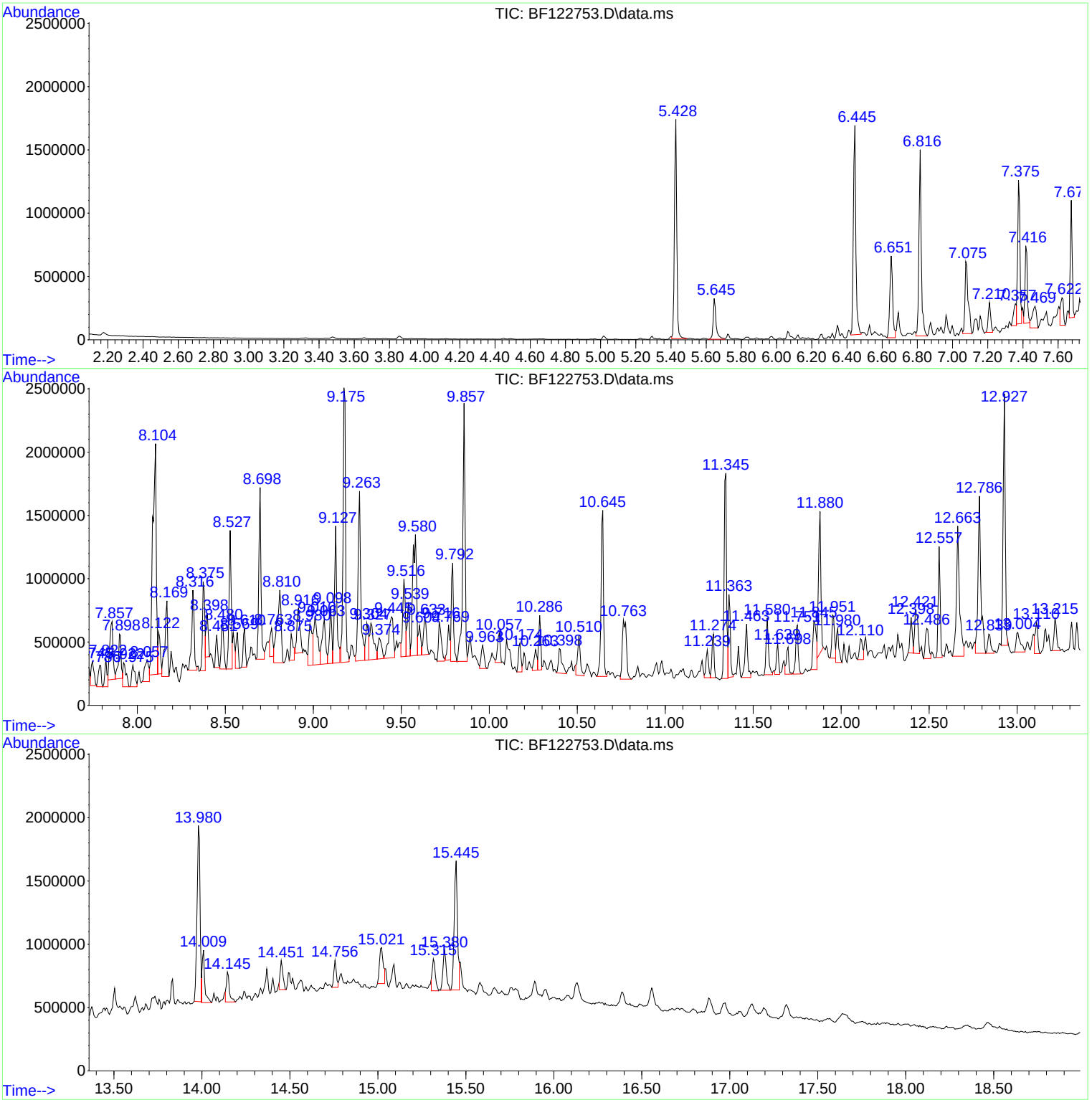
Sum of corrected areas: 58840142

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122753.D
Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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\BF121620\
Data File : BF122753.D
Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-12142020

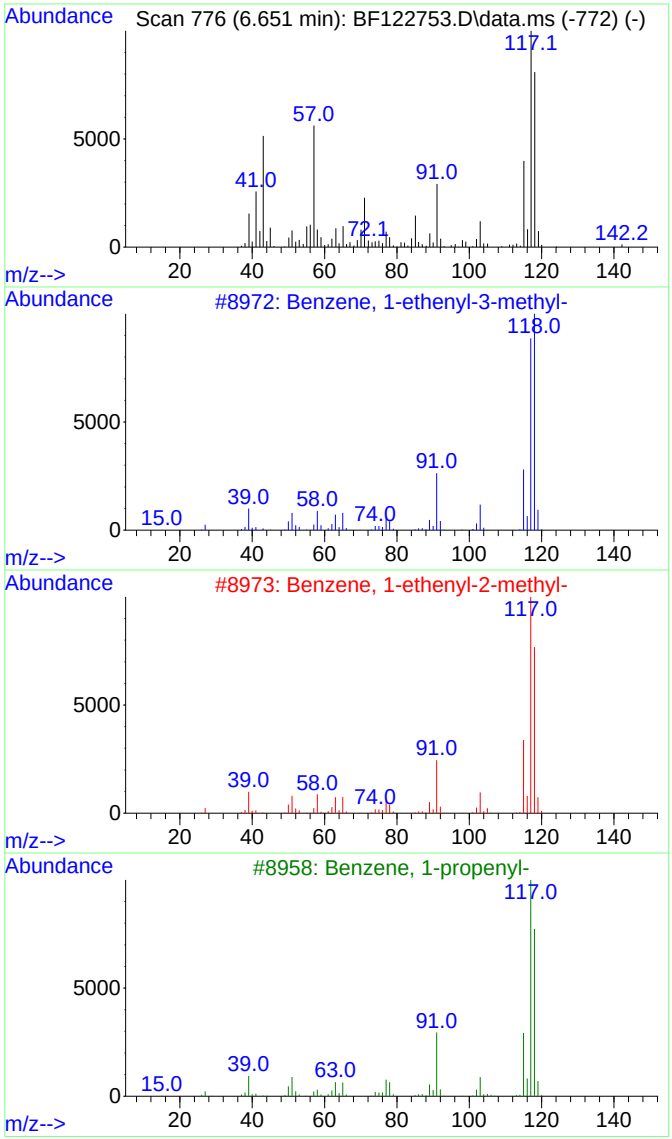
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

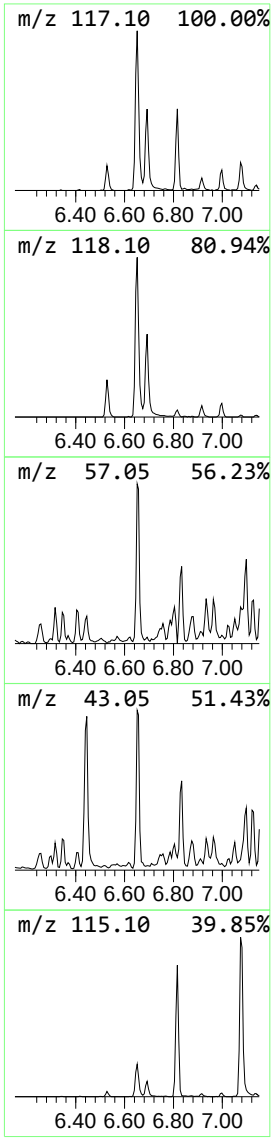
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.651	10.68 ng	716001	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	95
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	94
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122753.D
Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

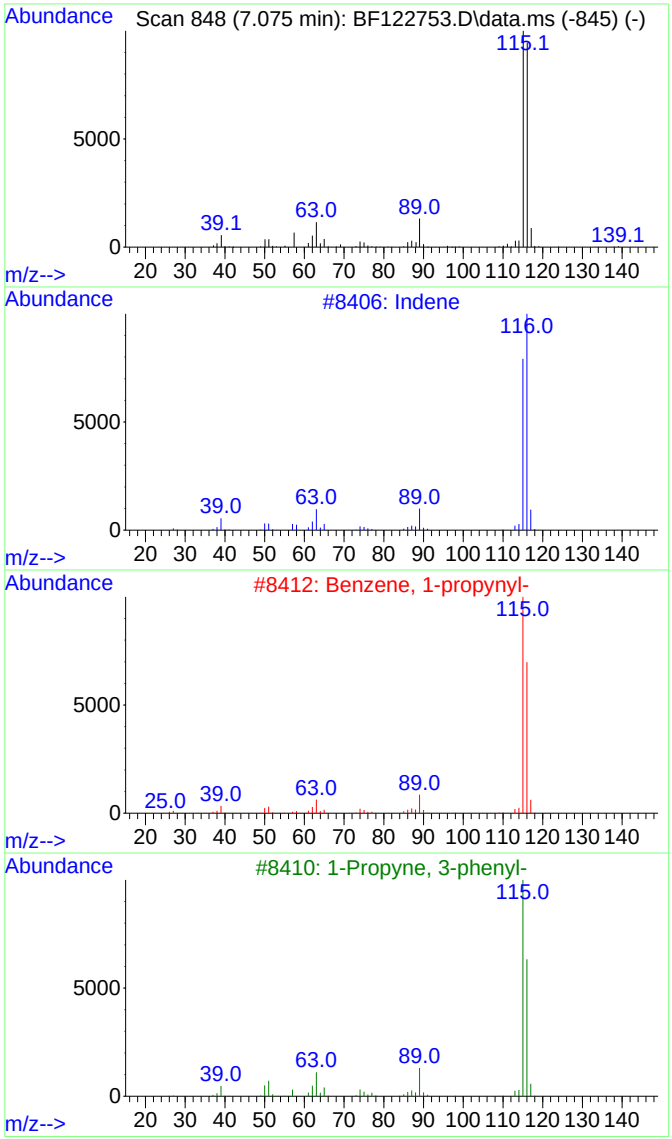
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

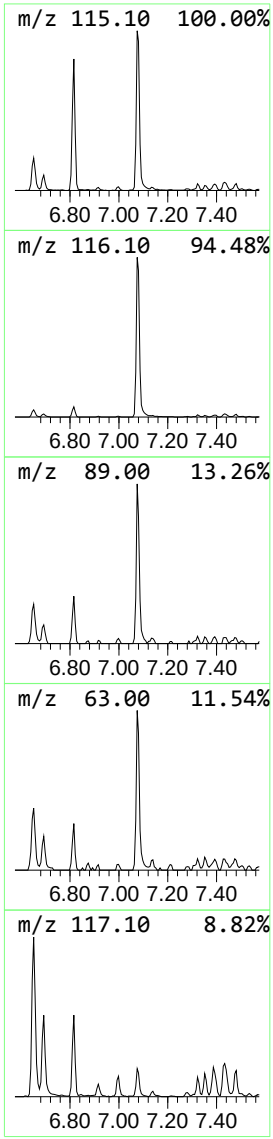
****

Peak Number 3 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.075	10.77 ng	722385	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122753.D
Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-12142020

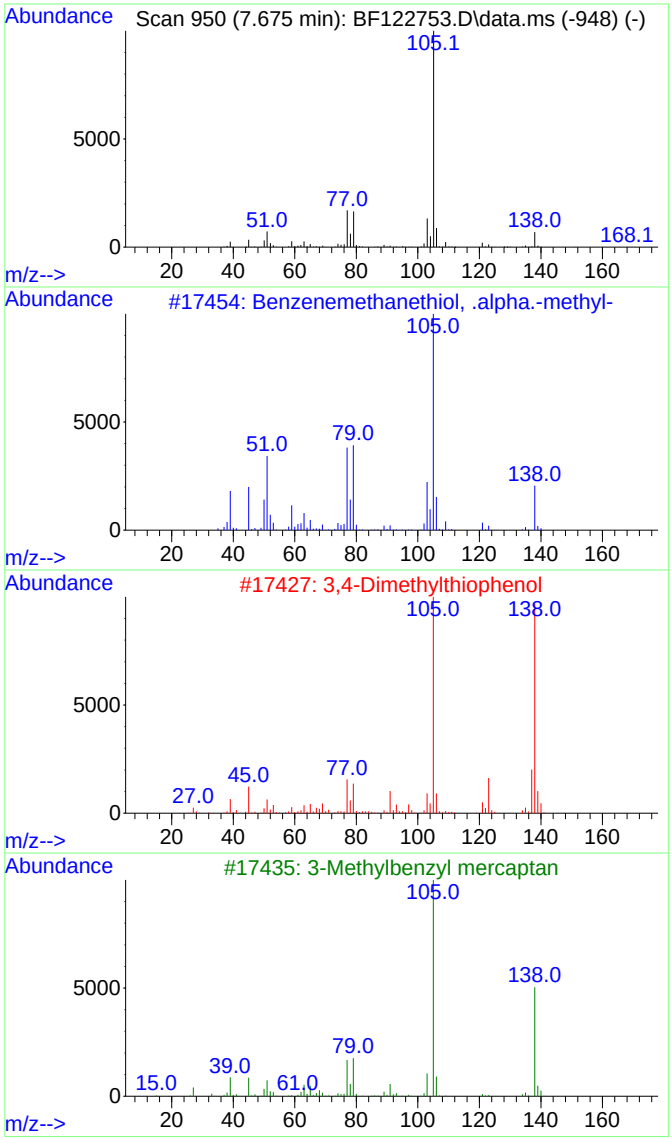
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

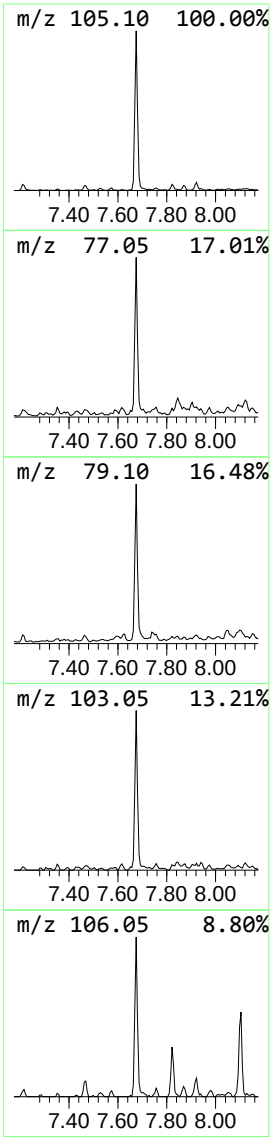
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzenemethanethiol, .alpha... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.675	5.25 ng	674397	Naphthalene-d8	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	81
2	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
3	3-Methylbenzyl mercaptan	138	C8H10S	025697-56-7	72
4	3,5-Dimethylthiophenol	138	C8H10S	038360-81-5	64
5	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122753.D
Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

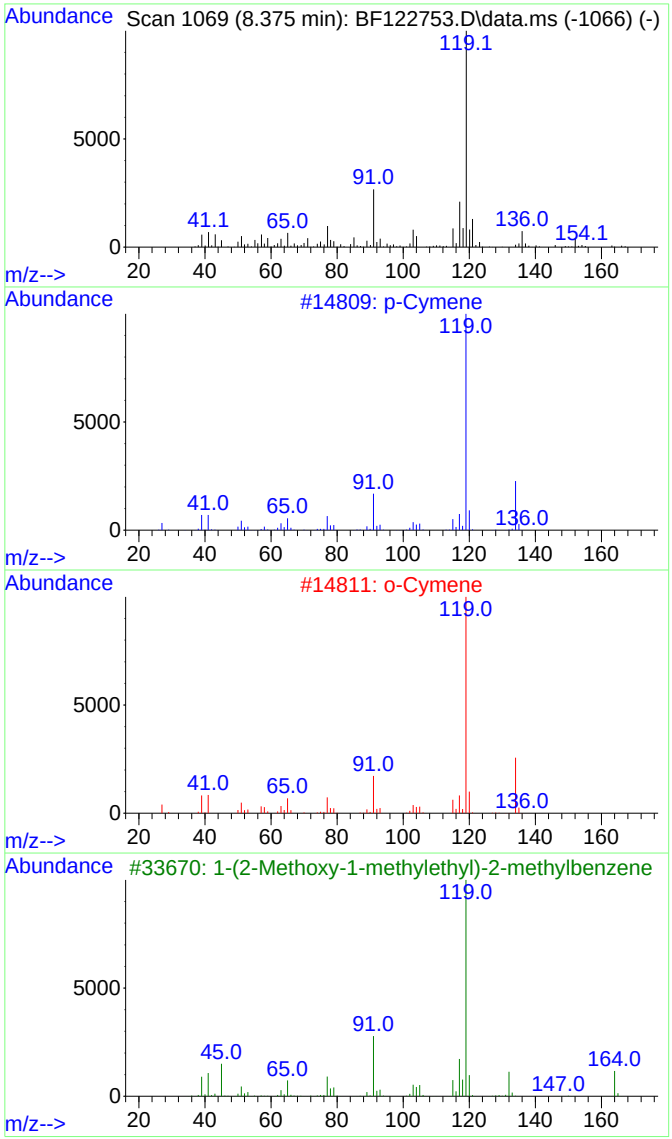
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

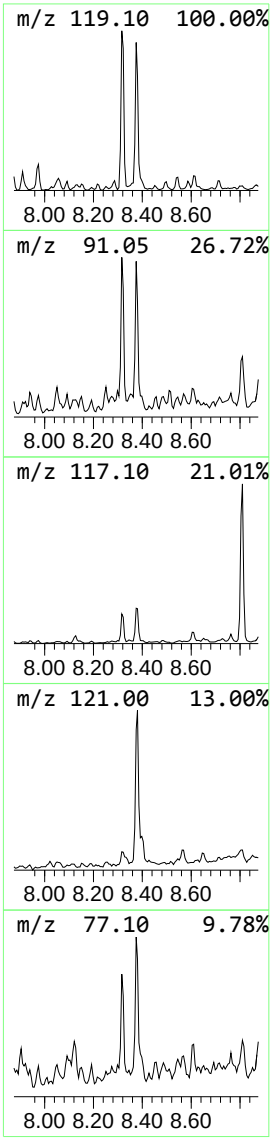
****

Peak Number 5 p-Cymene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.375	5.08 ng	652443	Naphthalene-d8	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	70
2	o-Cymene	134	C10H14	000527-84-4	70
3	1-(2-Methoxy-1-methylethyl)-2-me...	164	C11H16O	1000210-02-1	59
4	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	58
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122753.D
Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

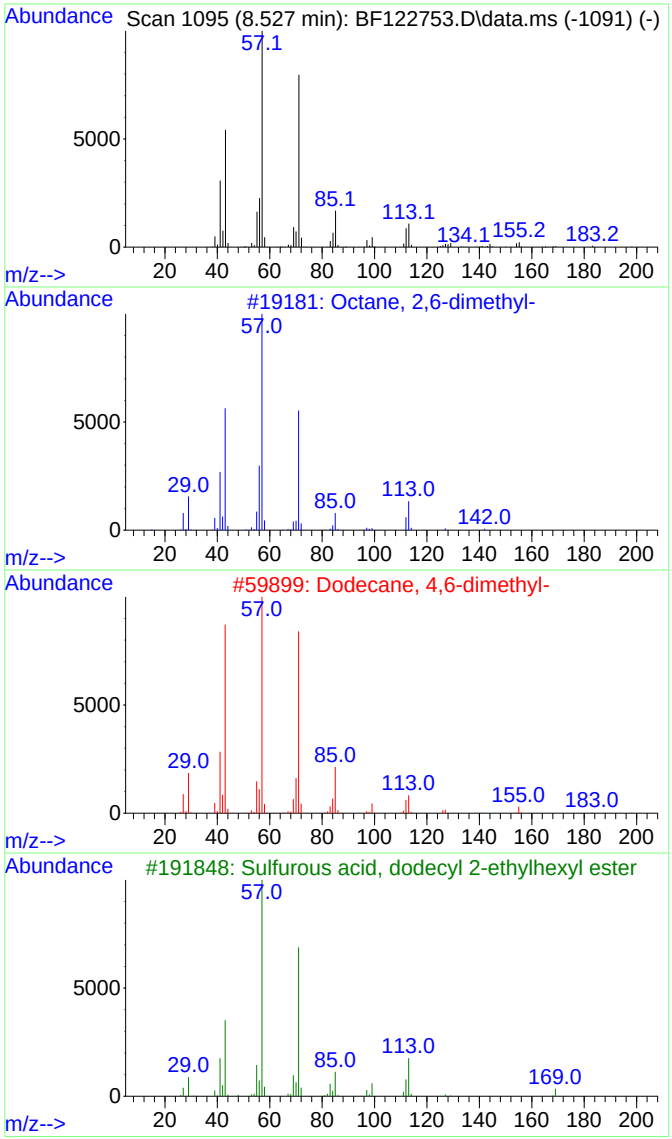
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

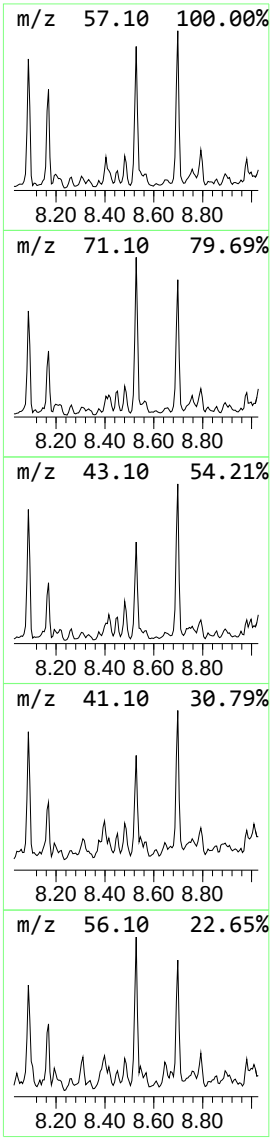
****

Peak Number 6 Octane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.527	7.42 ng	952547	Naphthalene-d8	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	87
3	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	78
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122753.D
Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

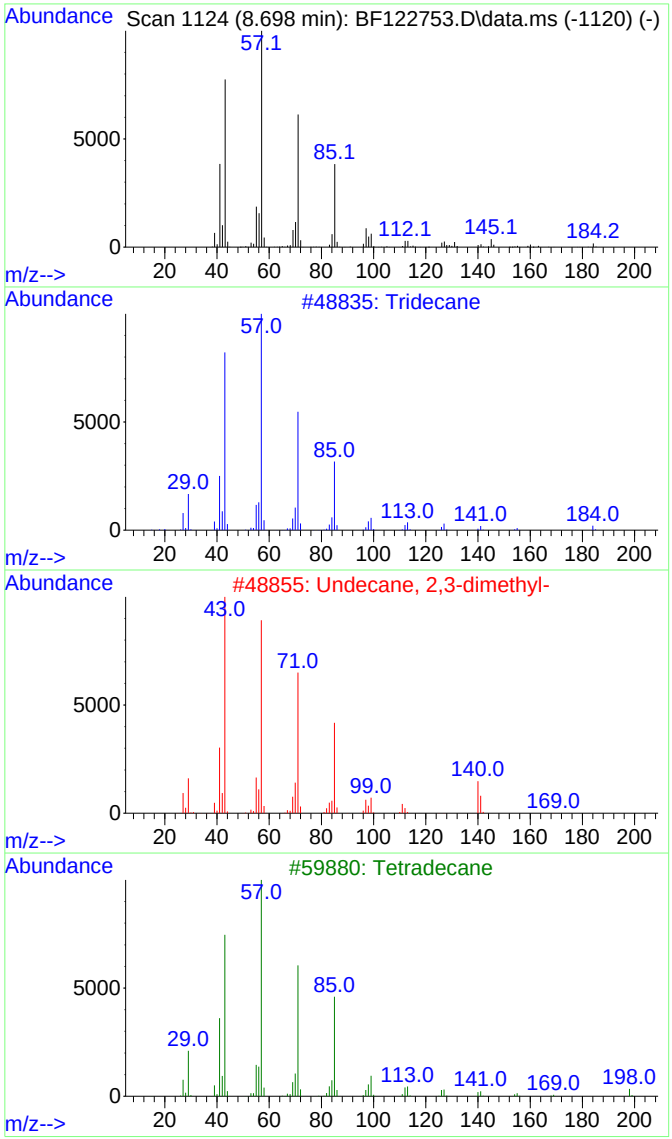
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

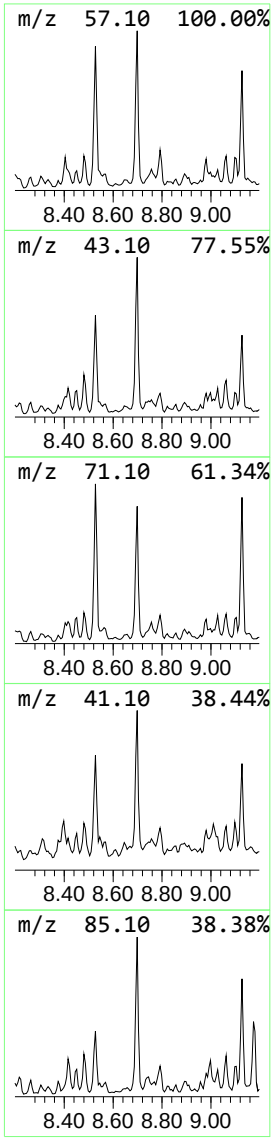
****

Peak Number 7 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.698	9.09 ng	1166970	Naphthalene-d8	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Hexadecane	226	C16H34	000544-76-3	64
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58





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Data File : BF122753.D
Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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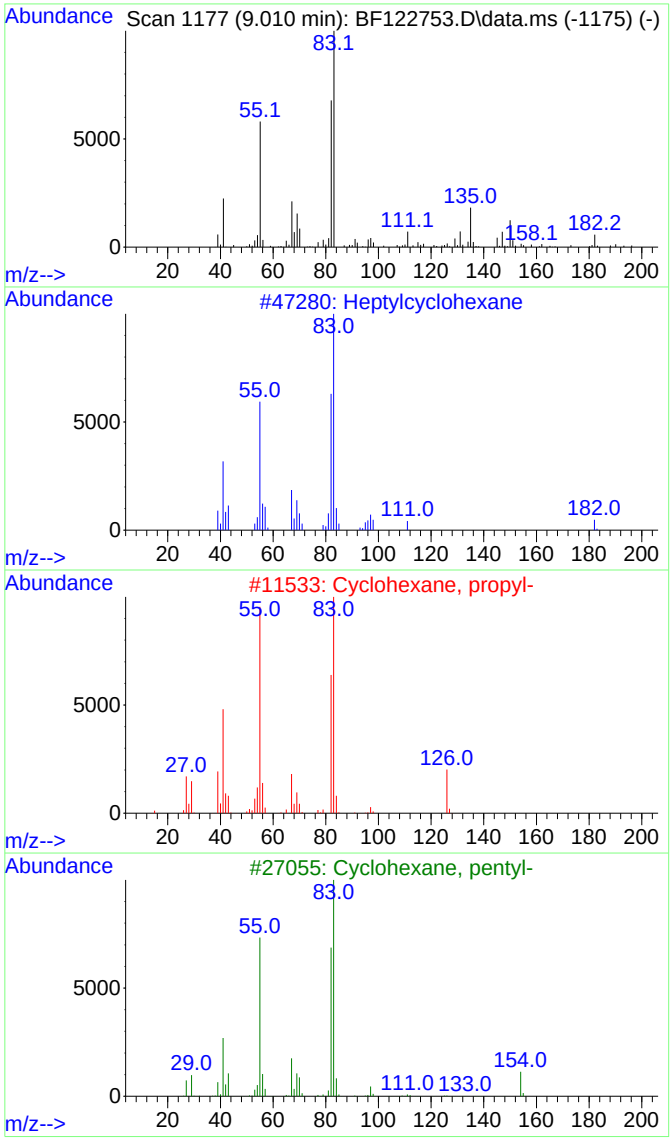
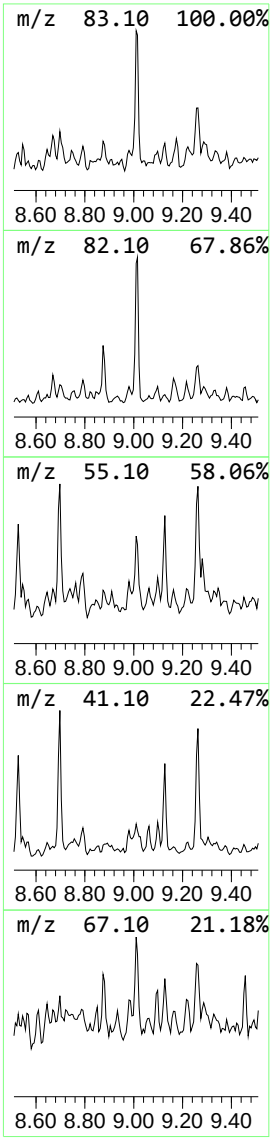
Peak Number 8 Heptylcyclohexane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.010	5.94 ng	578496	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	64
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	59
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	59
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59





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Data File : BF122753.D
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Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

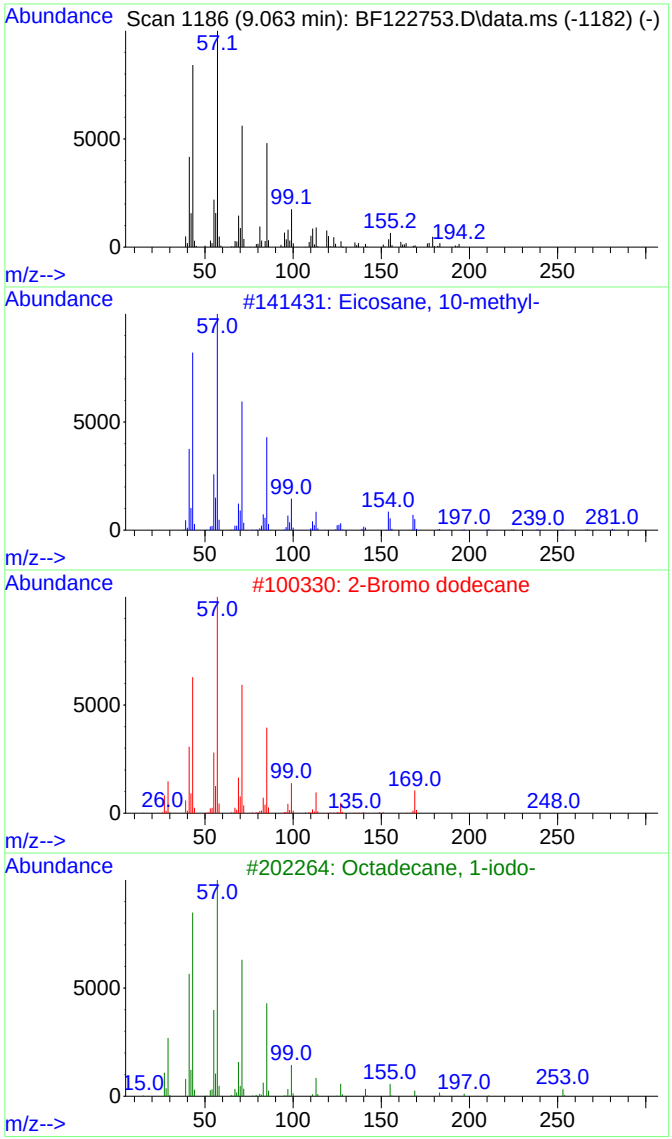
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

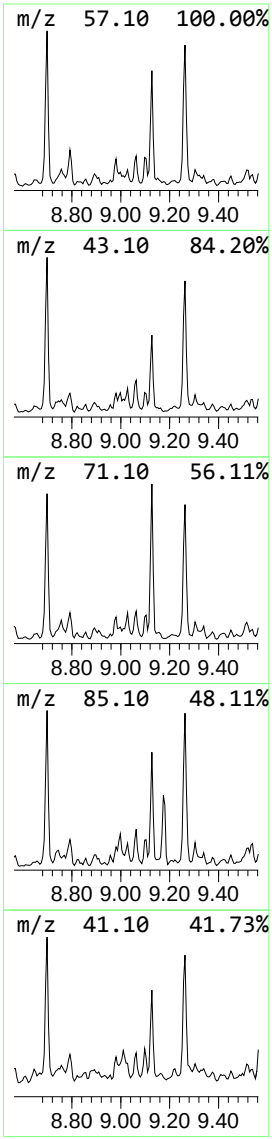
****

Peak Number 9 Eicosane, 10-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.063	5.07 ng	493814	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
4	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	78
5	10-Methylnonadecane	282	C20H42	056862-62-5	72





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Data File : BF122753.D
Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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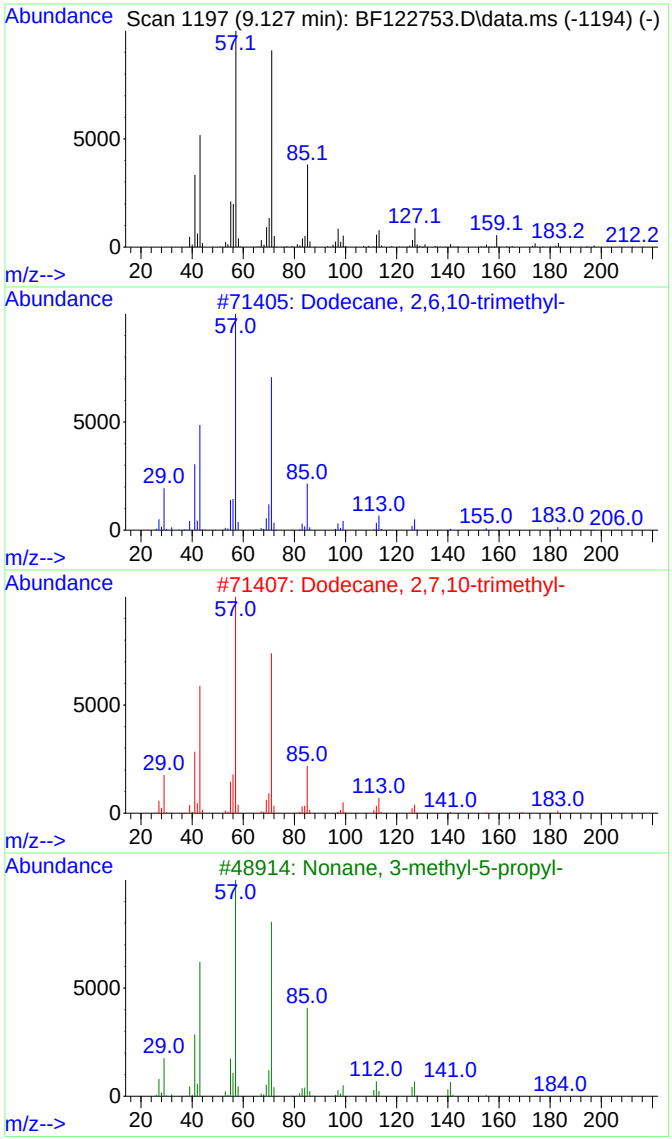
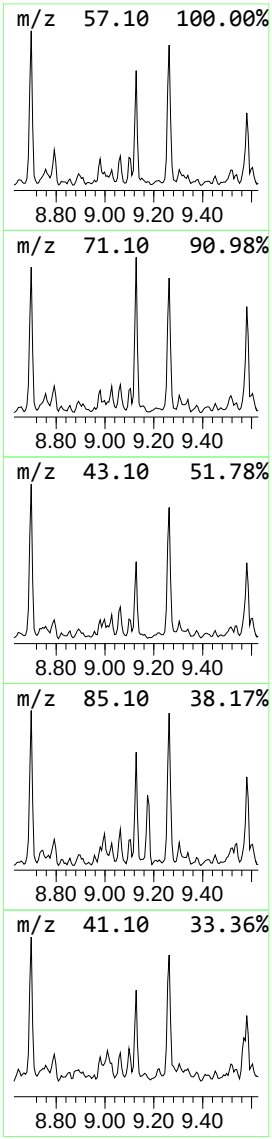
Peak Number 10 Dodecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.127	10.36 ng	1008510	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
5	l-Threitol, 2-O-nonyl-	248	C13H28O4	163776-15-6	53





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Data File : BF122753.D
Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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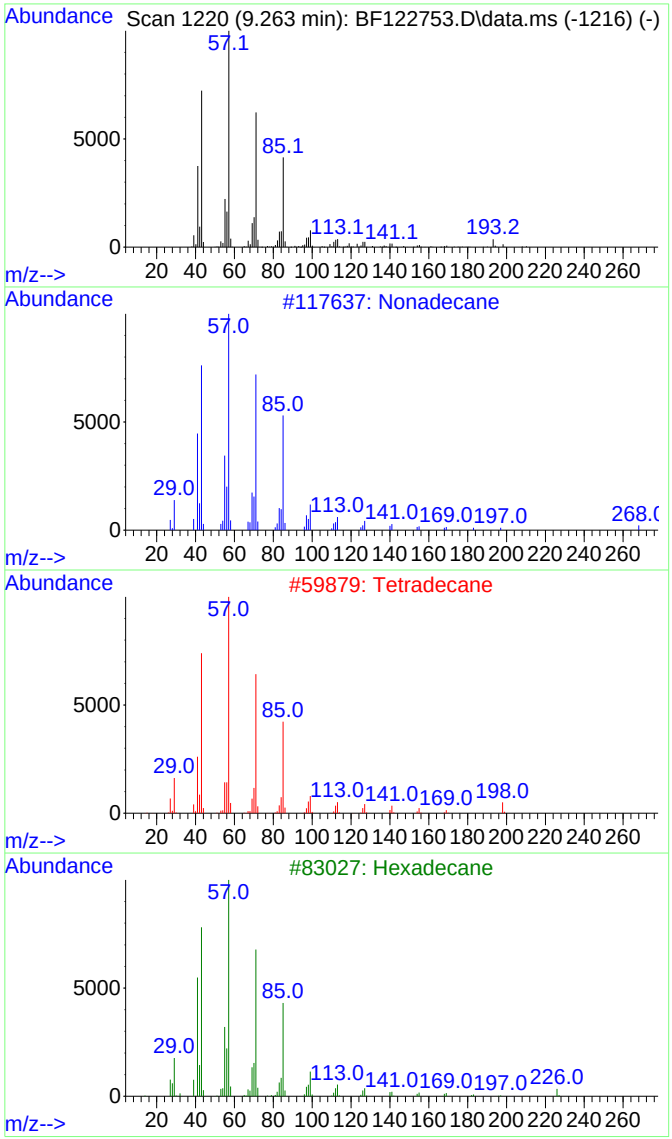
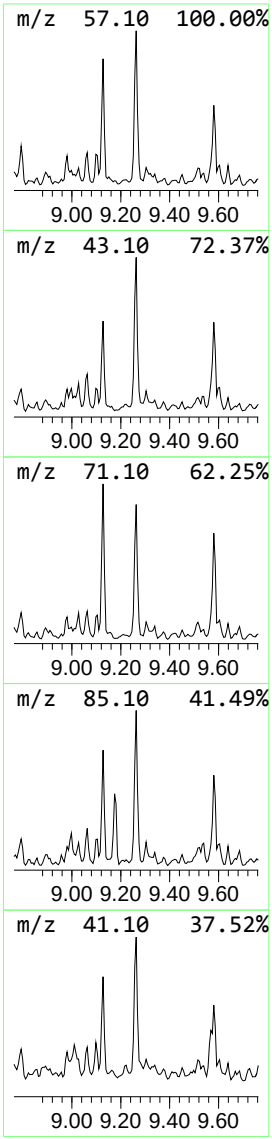
Peak Number 11 Nonadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.263	14.88 ng	1448520	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





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Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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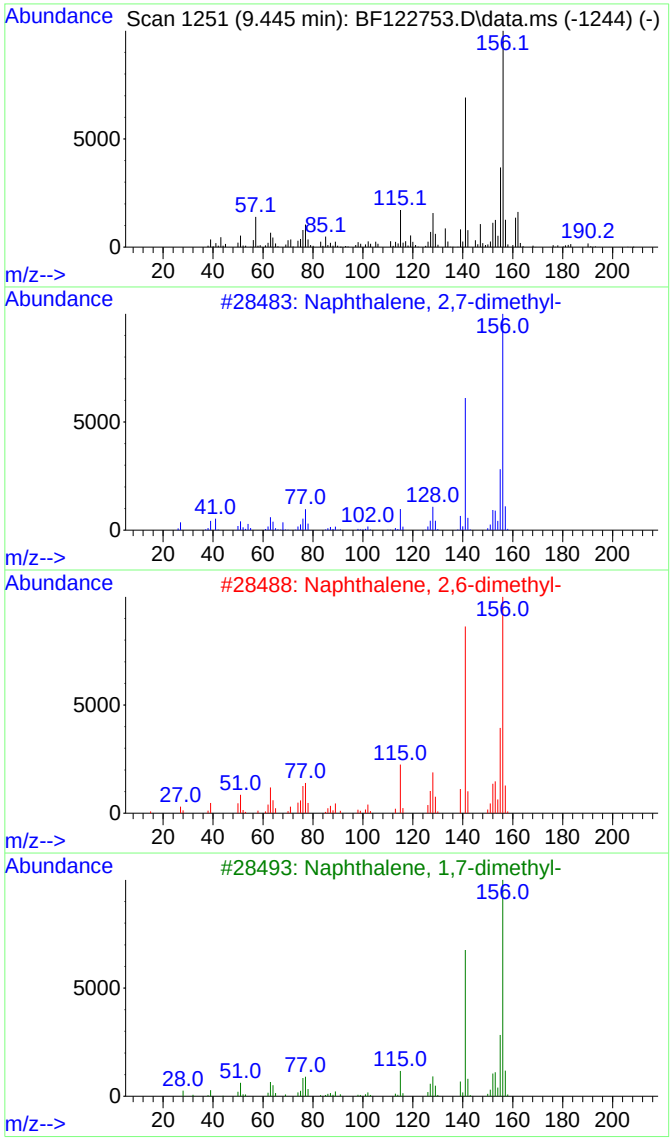
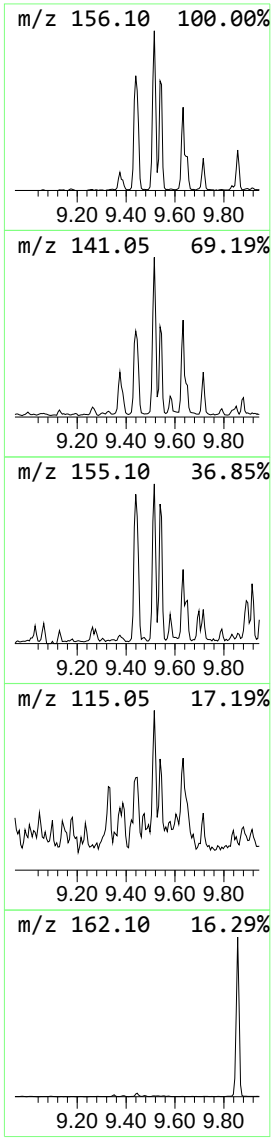
Peak Number 12 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.445	6.26 ng	609125	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Data File : BF122753.D
Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-12142020

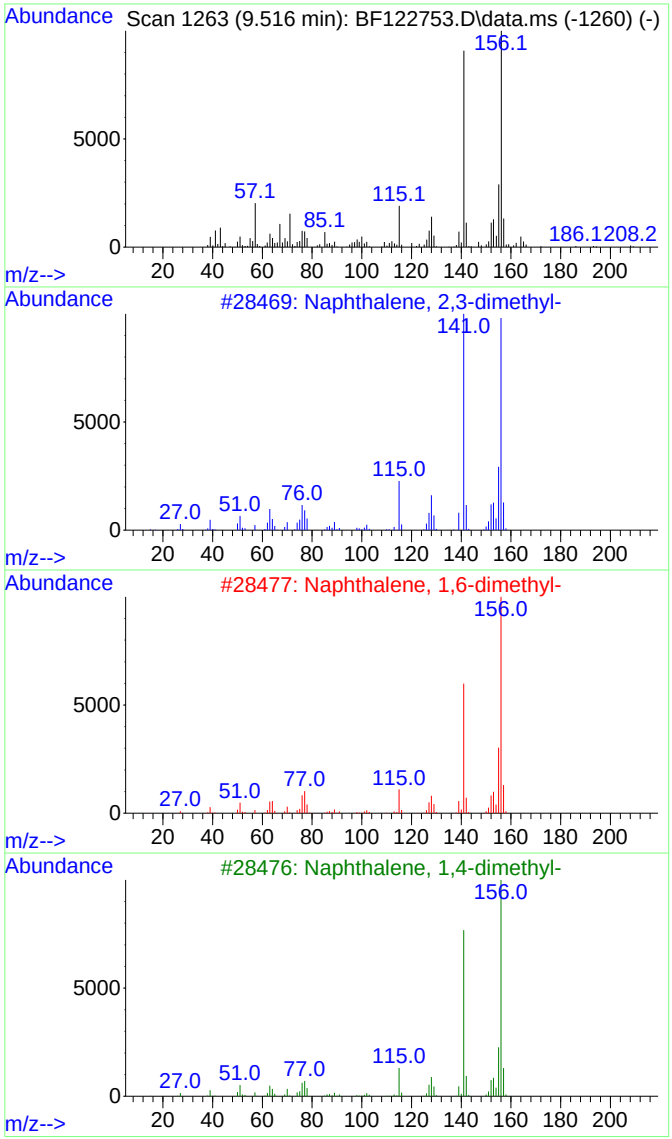
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

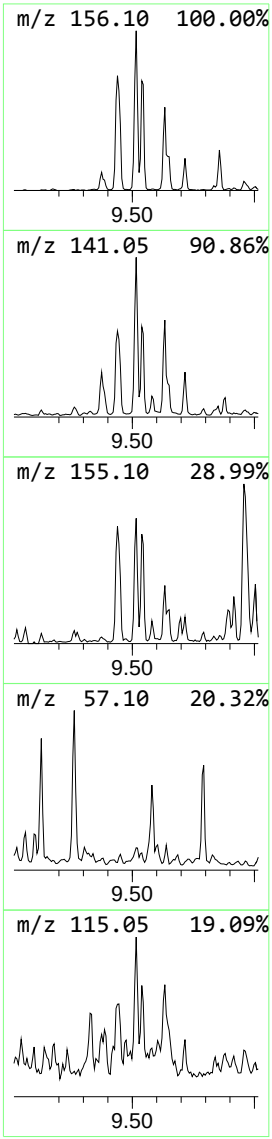
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	6.58 ng	640473	Acenaphthene-d10	9.857

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, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-02-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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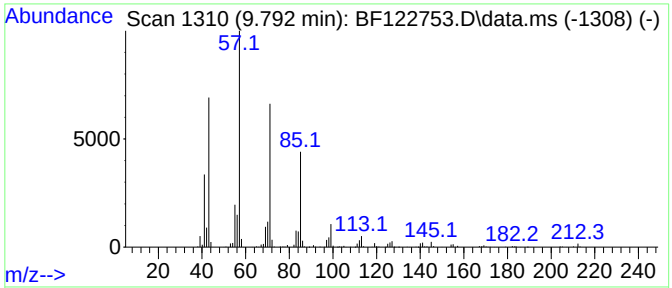
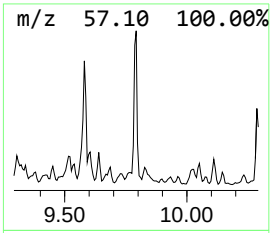
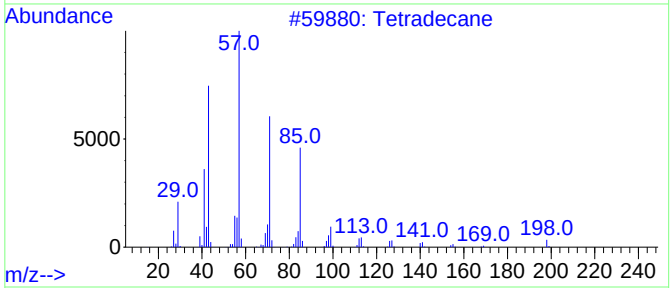
Peak Number 14 Tetradecane Concentration Rank 12

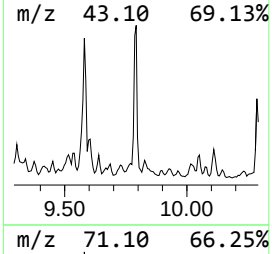
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.792	6.51 ng	633609	Acenaphthene-d10	9.857

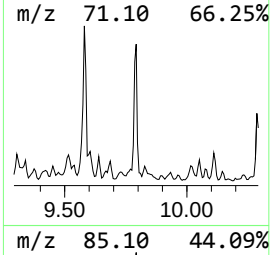
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	9-methylheptadecane	254	C18H38	026741-18-4	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72

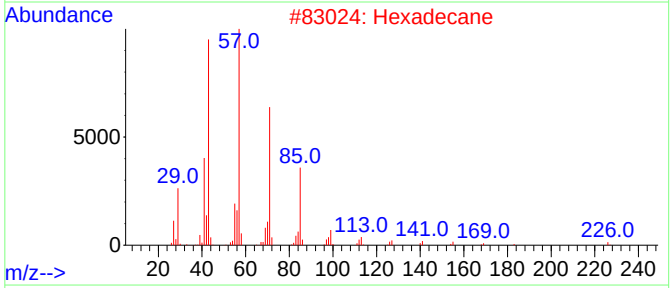


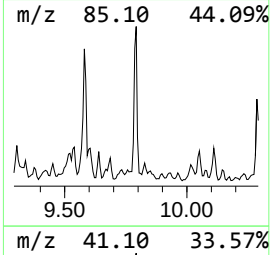


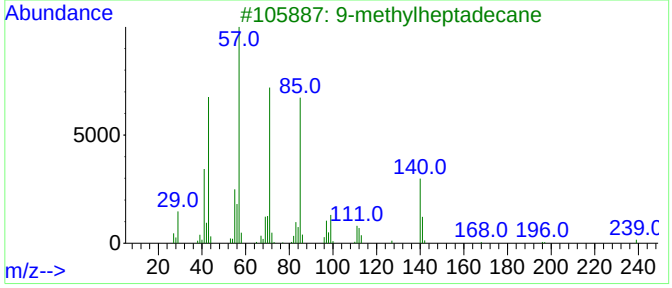


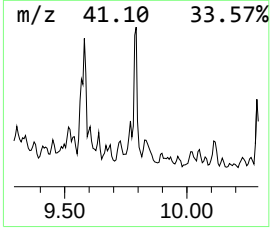












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Data File : BF122753.D
Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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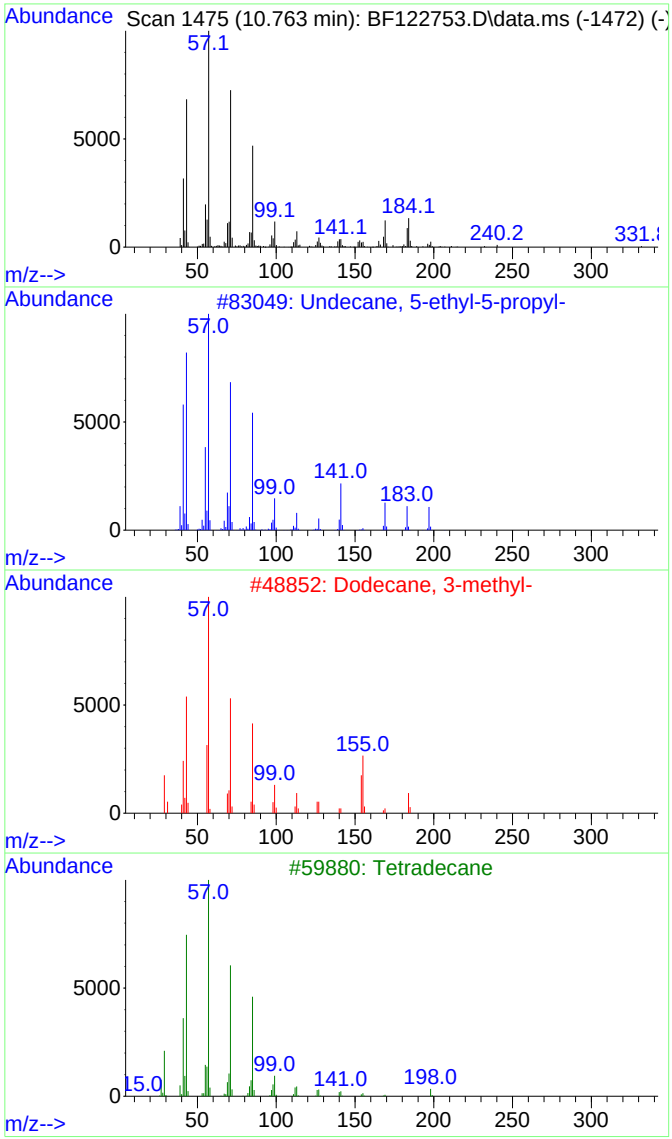
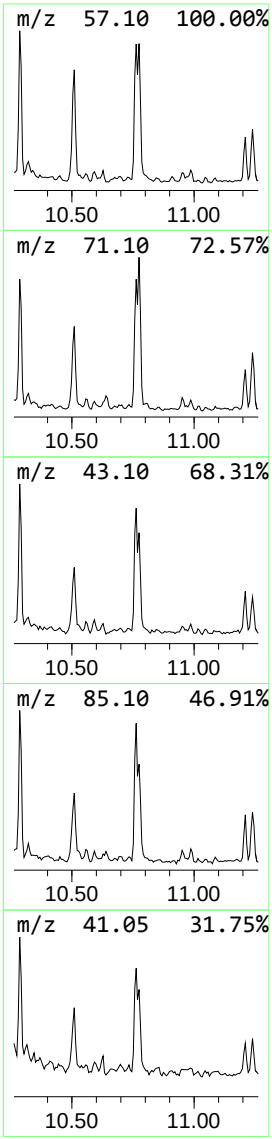
Peak Number 15 Undecane, 5-ethyl-5-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.763	9.20 ng	732831	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	87
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	83
3	Tetradecane	198	C14H30	000629-59-4	76
4	Eicosane	282	C20H42	000112-95-8	76
5	Octadecane	254	C18H38	000593-45-3	74





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Data File : BF122753.D
Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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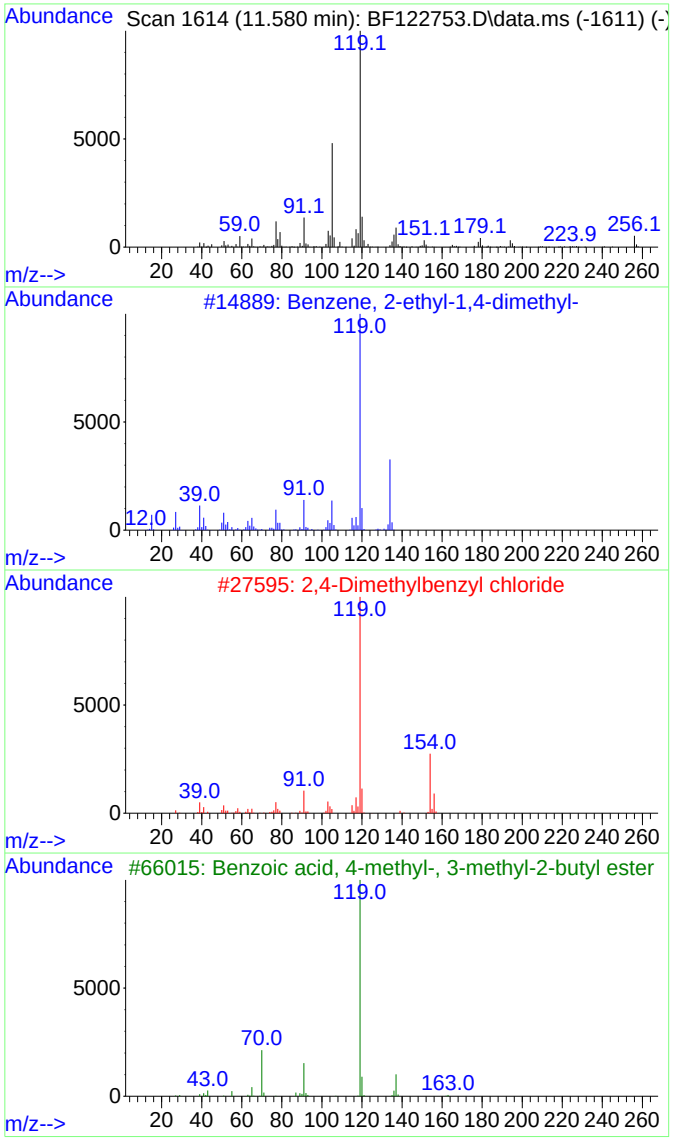
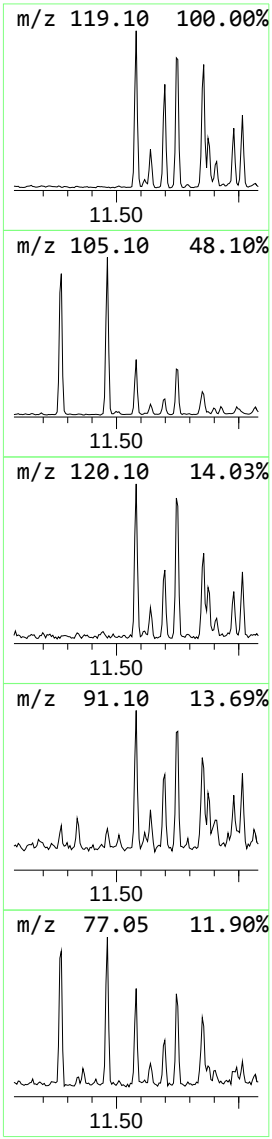
Peak Number 16 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.580	5.25 ng	417970	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	59
2	2,4-Dimethylbenzyl chloride	154	C9H11Cl	000824-55-5	59
3	Benzoic acid, 4-methyl-, 3-methy...	206	C13H18O2	212261-12-6	59
4	trans-3-Caren-2-ol	152	C10H16O	1000151-75-4	59
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122753.D
Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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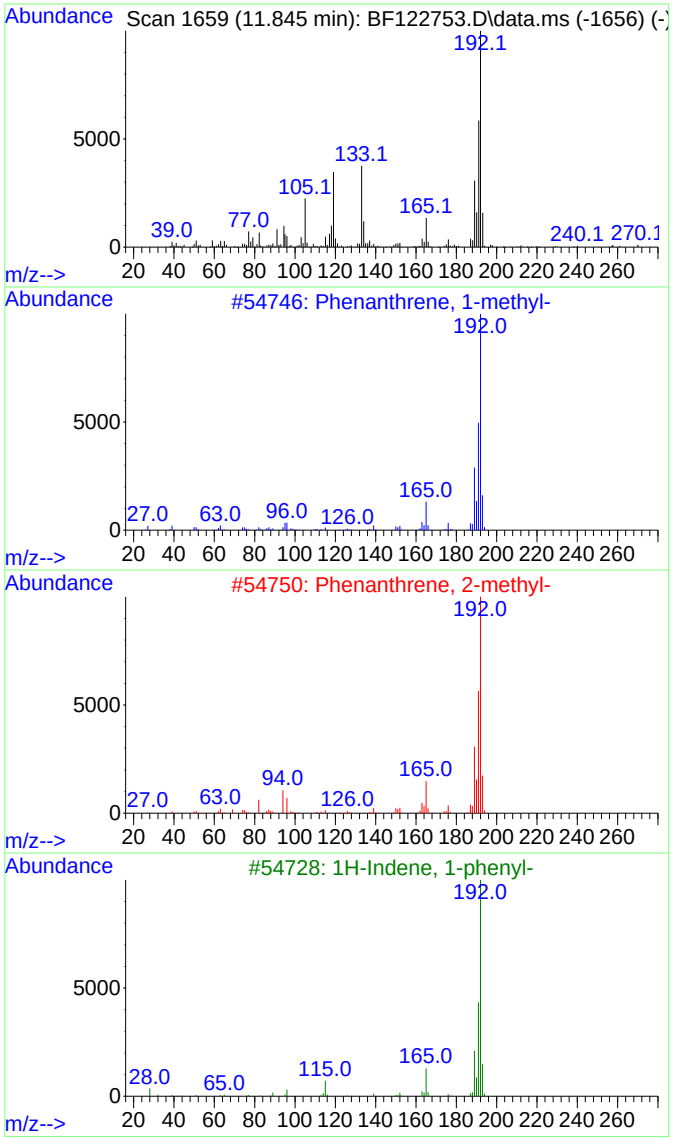
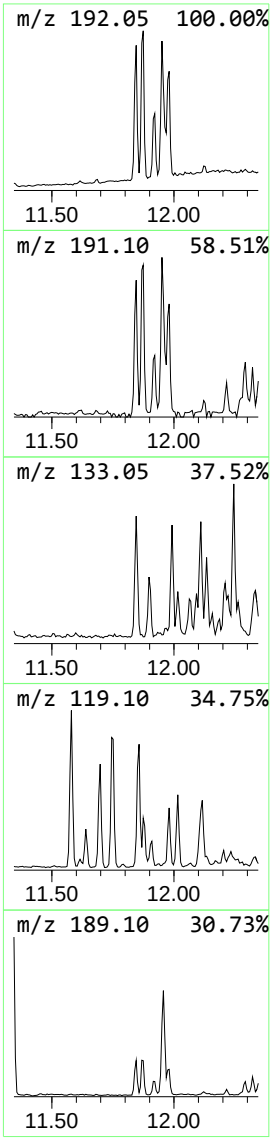
Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	6.66 ng	530672	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	91
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122753.D
Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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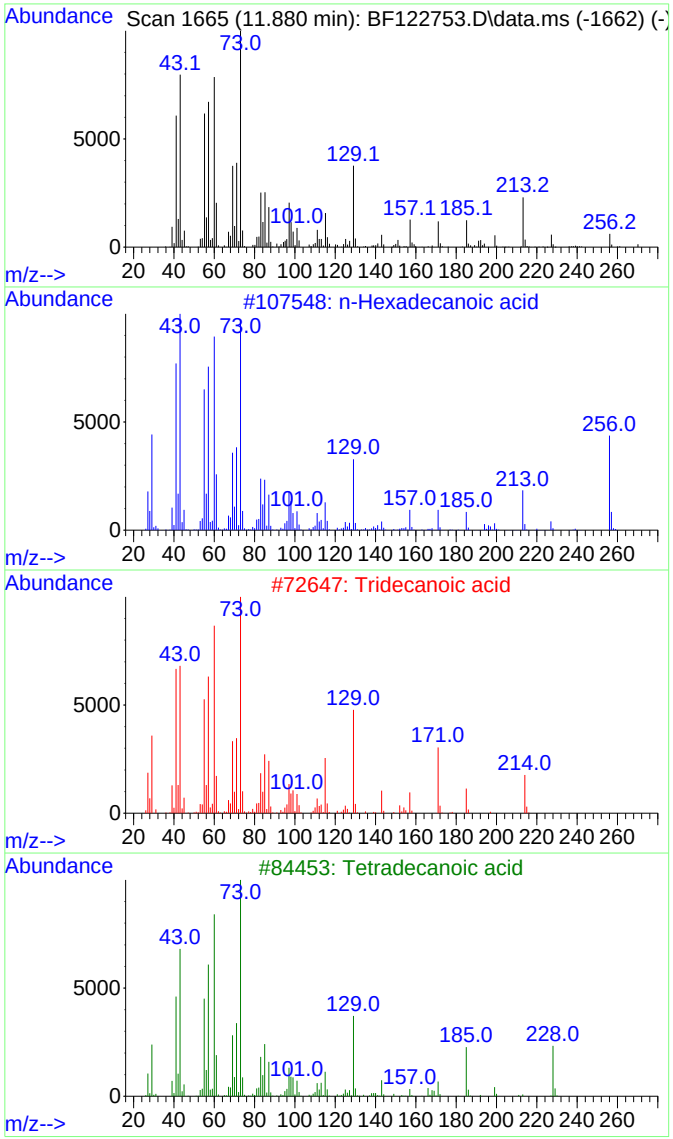
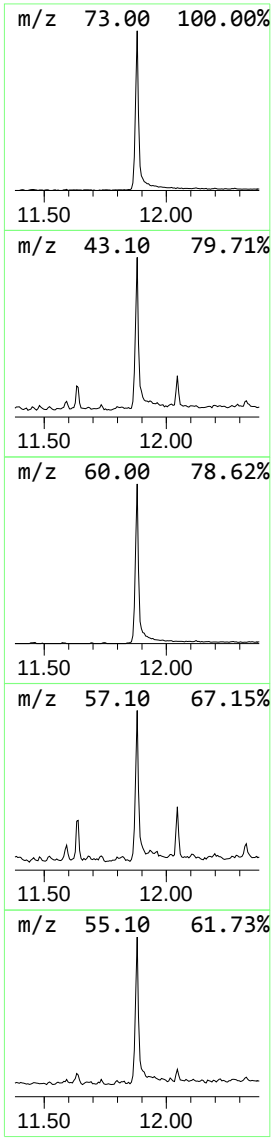
Peak Number 18 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.880	13.09 ng	1042050	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122753.D
Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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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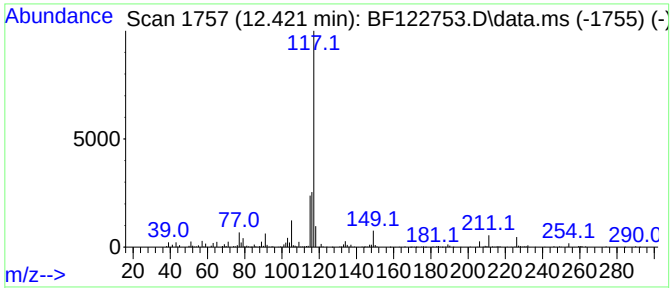
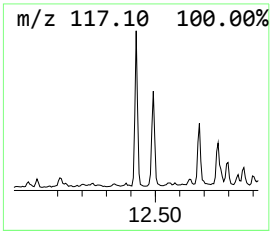
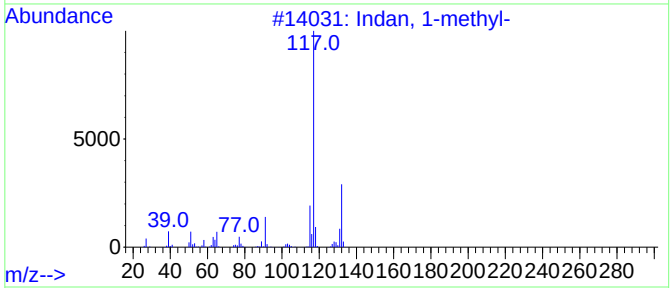
Peak Number 19 Indan, 1-methyl- Concentration Rank 15

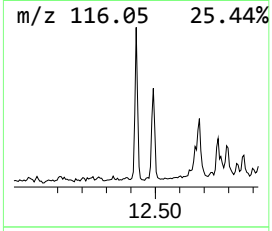
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.421	5.51 ng	439003	Phenanthrene-d10	11.345

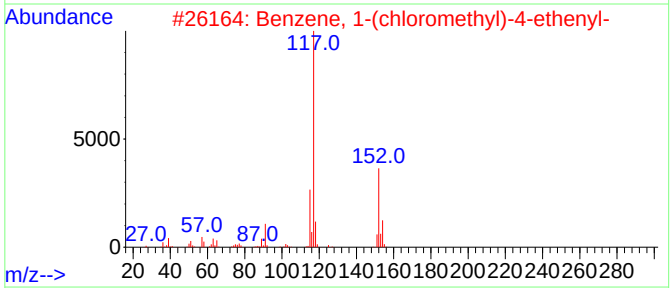
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	53
2	Benzene, 1-(chloromethyl)-4-ethe...	152	C9H9Cl	001592-20-7	53
3	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	45
5	Borinic acid, diethyl-, 1-phenyl...	202	C13H19BO	034602-33-0	45

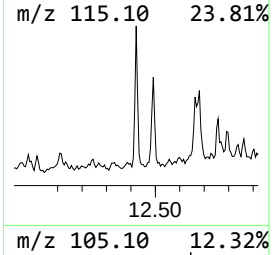


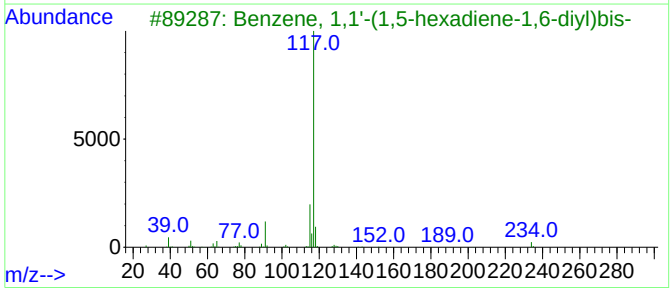


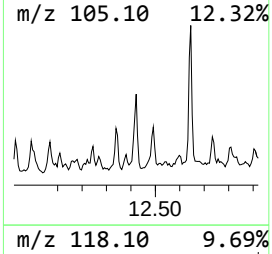


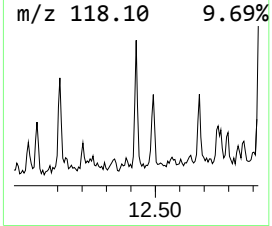












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122753.D
Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

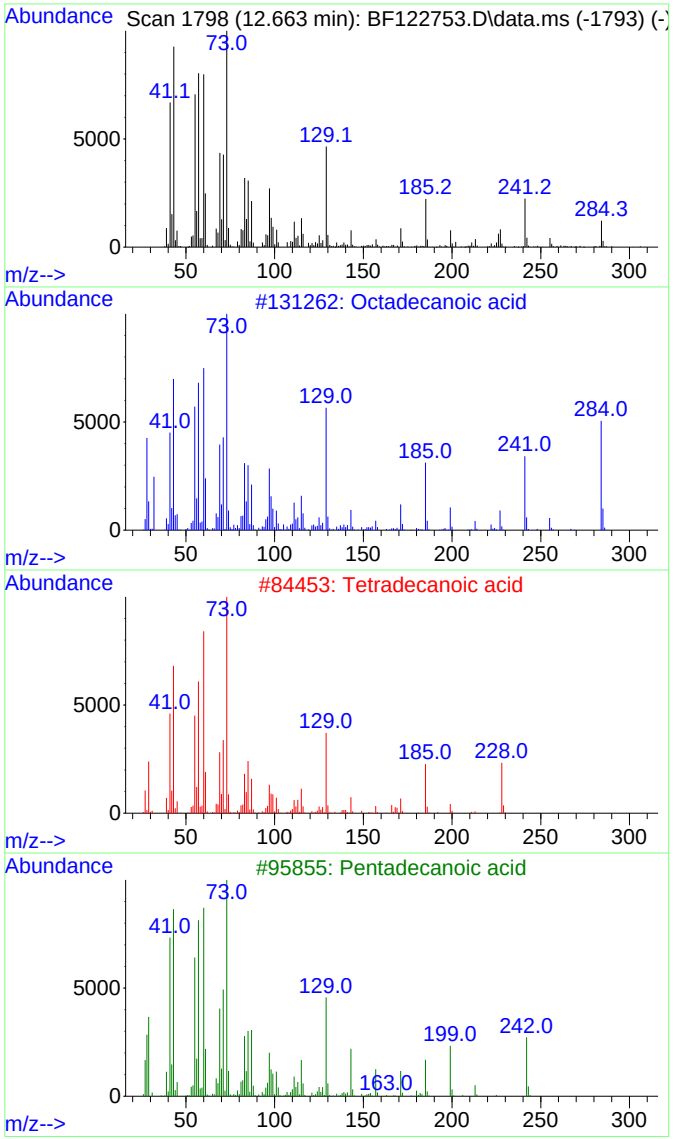
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

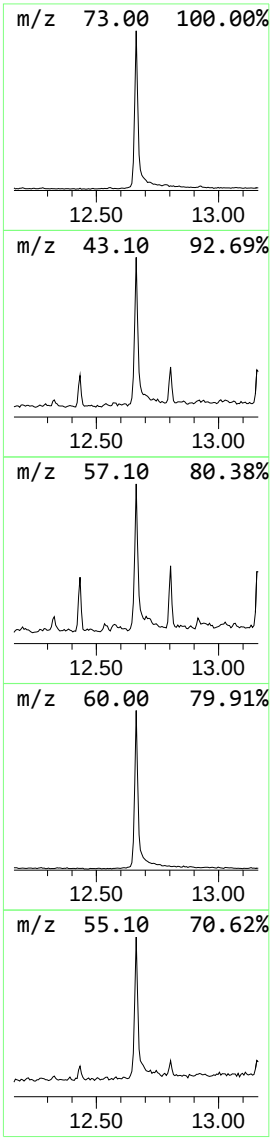
****

Peak Number 20 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.663	16.41 ng	1306660	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122753.D
Acq On : 16 Dec 2020 16:45
Operator : JU/CG
Sample : L5092-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-02-12142020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.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-ethe...	6.651	10.7	ng	716001	1	6.816	1341220	20.0
Indene	7.075	10.8	ng	722385	1	6.816	1341220	20.0
Benzenemethanet...	7.675	5.3	ng	674397	2	8.104	2568920	20.0
p-Cymene	8.375	5.1	ng	652443	2	8.104	2568920	20.0
Octane, 2,6-dim...	8.527	7.4	ng	952547	2	8.104	2568920	20.0
Tridecane	8.698	9.1	ng	1166970	2	8.104	2568920	20.0
Heptylcyclohexane	9.010	5.9	ng	578496	3	9.857	1947210	20.0
Eicosane, 10-me...	9.063	5.1	ng	493814	3	9.857	1947210	20.0
Dodecane, 2,6,1...	9.127	10.4	ng	1008510	3	9.857	1947210	20.0
Nonadecane	9.263	14.9	ng	1448520	3	9.857	1947210	20.0
Naphthalene, 2,...	9.445	6.3	ng	609125	3	9.857	1947210	20.0
Naphthalene, 2,...	9.516	6.6	ng	640473	3	9.857	1947210	20.0
Tetradecane	9.792	6.5	ng	633609	3	9.857	1947210	20.0
Undecane, 5-eth...	10.763	9.2	ng	732831	4	11.345	1592610	20.0
Benzene, 2-ethy...	11.580	5.3	ng	417970	4	11.345	1592610	20.0
Phenanthrene, 1...	11.845	6.7	ng	530672	4	11.345	1592610	20.0
n-Hexadecanoic ...	11.880	13.1	ng	1042050	4	11.345	1592610	20.0
Indan, 1-methyl-	12.421	5.5	ng	439003	4	11.345	1592610	20.0
Octadecanoic acid	12.663	16.4	ng	1306660	4	11.345	1592610	20.0