LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122693.D
Acq On : 12 Dec 2020 22:55
Operator : JU/CG
Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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: BF122693.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.457	568	573	576	rBV	2826724	2727512	62.90%	2.479%
2	6.469	740	745	750	rBV	2554523	2976795	68.65%	2.706%
3	6.834	803	807	809	rBV	991660	946080	21.82%	0.860%
4	6.898	814	818	821	rBV	236970	273732	6.31%	0.249%
5	6.987	830	833	837	rVB	421217	404861	9.34%	0.368%
6	7.110	849	854	858	rVB4	395980	570212	13.15%	0.518%
7	7.234	869	875	878	rBV3	396768	449374	10.36%	0.408%
8	7.398	892	903	905	rBV	1919626	2679000	61.78%	2.435%
9	7.416	905	906	913	rVB5	408499	612531	14.13%	0.557%
10	7.481	913	917	921	rVB4	612669	972570	22.43%	0.884%
11	7.545	921	928	932	rBV2	563890	1344637	31.01%	1.222%
12	7.592	932	936	938	rBV4	272496	288103	6.64%	0.262%
13	7.622	938	941	943	rBV	787949	721073	16.63%	0.655%
14	7.645	943	945	948	rVB2	604929	475035	10.96%	0.432%
15	7.722	953	958	960	rBV3	385833	595180	13.73%	0.541%
16	7.763	963	965	969	rVB4	802145	754550	17.40%	0.686%
17	7.863	979	982	984	rBV2	304756	286766	6.61%	0.261%
18	7.887	984	986	989	rVB3	433740	368865	8.51%	0.335%
19	7.945	991	996	1000	rVB5	474267	710522	16.39%	0.646%
20	8.004	1001	1006	1008	rBV2	568123	732828	16.90%	0.666%
21	8.075	1013	1018	1021	rBV3	469453	858849	19.81%	0.781%
22	8.122	1021	1026	1029	rBV	1228815	1689458	38.96%	1.536%
23	8.186	1032	1037	1040	rVB	1945778	2006835	46.28%	1.824%
24	8.216	1040	1042	1044	rBV2	432864	354812	8.18%	0.322%
25	8.281	1049	1053	1055	rBV2	579094	783107	18.06%	0.712%
26	8.328	1058	1061	1064	rBV2	726352	752462	17.35%	0.684%
27	8.357	1064	1066	1069	rVB3	248638	243984	5.63%	0.222%
28	8.416	1069	1076	1079	rBV5	1138804	1793973	41.37%	1.631%
29	8.469	1083	1085	1088	rBV3	567291	529375	12.21%	0.481%
30	8.510	1089	1092	1095	rVB4	591844	609322	14.05%	0.554%
31	8.551	1095	1099	1103	rBV	3435205	4108172	94.74%	3.734%
32	8.586	1103	1105	1108	rVB3	796960	721082	16.63%	0.655%
33	8.628	1110	1112	1115	rVB2	452084	377260	8.70%	0.343%
34	8.669	1115	1119	1121	rBV3	835029	1062734	24.51%	0.966%
35	8.763	1132	1135	1136	rBV3	388288	468500	10.80%	0.426%
36	8.816	1140	1144	1146	rVB2	1350057	1574713	36.32%	1.431%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122693.D
Acq On : 12 Dec 2020 22:55
Operator : JU/CG
Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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	8.875	1151	1154	1156	rVB3	552459	482269	11.12%	0.438%
38	8.916	1156	1161	1162	rBV3	574406	940508	21.69%	0.855%
39	9.004	1173	1176	1178	rBV4	566743	725767	16.74%	0.660%
40	9.033	1178	1181	1185	rVB3	1054878	1146151	26.43%	1.042%
41	9.075	1185	1188	1189	rBV2	258943	317178	7.31%	0.288%
42	9.151	1197	1201	1205	rVV2	3782358	3553826	81.96%	3.230%
43	9.198	1205	1209	1211	rVB	3083834	2664434	61.45%	2.422%
44	9.292	1219	1225	1227	rBV2	1217793	2043848	47.14%	1.858%
45	9.322	1227	1230	1233	rBV3	515700	683728	15.77%	0.621%
46	9.398	1240	1243	1246	rVB5	750231	731553	16.87%	0.665%
47	9.469	1253	1255	1258	rVB2	719924	644629	14.87%	0.586%
48	9.539	1264	1267	1269	rBV2	618868	527003	12.15%	0.479%
49	9.563	1269	1271	1273	rVB2	661986	480290	11.08%	0.437%
50	9.604	1273	1278	1281	rBV2	3445601	4336061	100.00%	3.941%
51	9.751	1299	1303	1306	rBV4	693815	855192	19.72%	0.777%
52	9.792	1306	1310	1313	rVV3	1090146	1124762	25.94%	1.022%
53	9.851	1317	1320	1321	rVV2	699737	700024	16.14%	0.636%
54	9.875	1322	1324	1327	rVB	1371182	1401813	32.33%	1.274%
55	9.916	1329	1331	1333	rBV3	421760	285838	6.59%	0.260%
56	9.986	1340	1343	1347	rVB2	786626	895892	20.66%	0.814%
57	10.033	1347	1351	1353	rVV2	407192	676433	15.60%	0.615%
58	10.075	1355	1358	1363	rVV3	1211417	1654202	38.15%	1.504%
59	10.133	1364	1368	1375	rVB5	996097	1748670	40.33%	1.589%
60	10.198	1375	1379	1381	rBV2	624593	705870	16.28%	0.642%
61	10.222	1381	1383	1385	rVV3	324966	328935	7.59%	0.299%
62	10.245	1385	1387	1391	rVV2	518277	583297	13.45%	0.530%
63	10.286	1391	1394	1399	rVV5	651698	792848	18.28%	0.721%
64	10.339	1400	1403	1405	rVV3	459784	551651	12.72%	0.501%
65	10.363	1405	1407	1413	rVB6	522854	757731	17.48%	0.689%
66	10.422	1413	1417	1423	rBV5	587415	1054581	24.32%	0.959%
67	10.528	1430	1435	1441	rVB	1745691	1974890	45.55%	1.795%
68	10.575	1441	1443	1448	rVB3	416987	544348	12.55%	0.495%
69	10.663	1455	1458	1461	rVB	1914162	1749642	40.35%	1.590%
70	10.792	1476	1480	1488	rVB	1905110	2188387	50.47%	1.989%
71	11.257	1555	1559	1565	rVB	1233353	1309792	30.21%	1.190%
72	11.363	1573	1577	1579	rBV	1302277	1400918	32.31%	1.273%
73	11.386	1579	1581	1584	rVV	3108507	2764273	63.75%	2.512%
74	11.439	1586	1590	1592	rVB	1113118	1029449	23.74%	0.936%
75	11.586	1613	1615	1617	rBV	267025	254807	5.88%	0.232%
76	11.863	1659	1662	1664	rBV	432553	376267	8.68%	0.342%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122693.D
Acq On : 12 Dec 2020 22:55
Operator : JU/CG
Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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	11.892	1664	1667	1671	rVB	663441	605820	13.97%	0.551%
78	11.939	1672	1675	1677	rVV	280418	254467	5.87%	0.231%
79	11.974	1677	1681	1683	rVV	781028	793600	18.30%	0.721%
80	11.998	1683	1685	1689	rVB	308828	276671	6.38%	0.251%
81	12.157	1709	1712	1714	rBV	373264	299315	6.90%	0.272%
82	12.410	1752	1755	1758	rBV	239513	246197	5.68%	0.224%
83	12.580	1779	1784	1787	rBV	3642309	3500755	80.74%	3.182%
84	12.804	1816	1822	1827	rBV2	2701910	3656327	84.32%	3.323%
85	12.945	1839	1846	1849	rBV	3192239	3112923	71.79%	2.829%
86	13.021	1854	1859	1862	rBV2	245584	393837	9.08%	0.358%
87	13.133	1875	1878	1881	rVB	650089	618484	14.26%	0.562%
88	13.198	1886	1889	1891	rVV	595878	505865	11.67%	0.460%
89	13.233	1891	1895	1898	rVV2	353612	422145	9.74%	0.384%
90	13.751	1979	1983	1985	rBV2	233629	249021	5.74%	0.226%
91	13.992	2018	2024	2028	rBV2	1948720	2972433	68.55%	2.702%
92	14.027	2028	2030	2033	rVB	1475940	1157171	26.69%	1.052%
93	14.386	2087	2091	2094	rVV	290142	330789	7.63%	0.301%
94	15.039	2197	2202	2205	rBV	1109361	1667903	38.47%	1.516%
95	15.339	2249	2253	2259	rVB	658842	852453	19.66%	0.775%
96	15.404	2259	2264	2269	rBV	996413	1197327	27.61%	1.088%
97	15.462	2269	2274	2277	rVV	760371	985521	22.73%	0.896%
98	15.492	2277	2279	2286	rVB2	313609	388649	8.96%	0.353%
99	16.915	2515	2521	2530	rVB2	503681	968643	22.34%	0.880%
100	17.356	2589	2596	2605	rBV	360637	753492	17.38%	0.685%

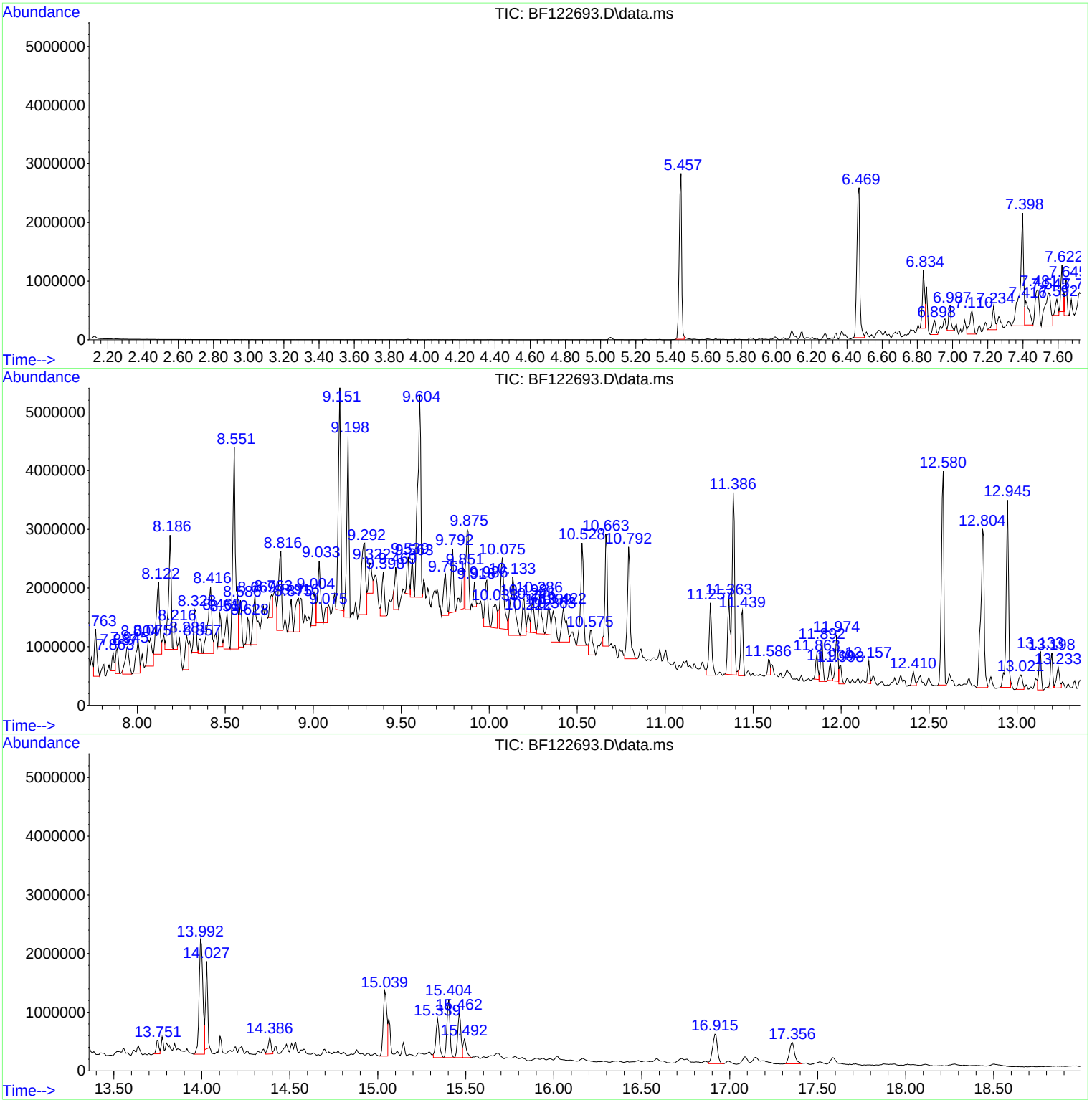
Sum of corrected areas: 110022429

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122693.D
Acq On : 12 Dec 2020 22:55
Operator : JU/CG
Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JBD-SB-01-0-52

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\BF121220\
Data File : BF122693.D
Acq On : 12 Dec 2020 22:55
Operator : JU/CG
Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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

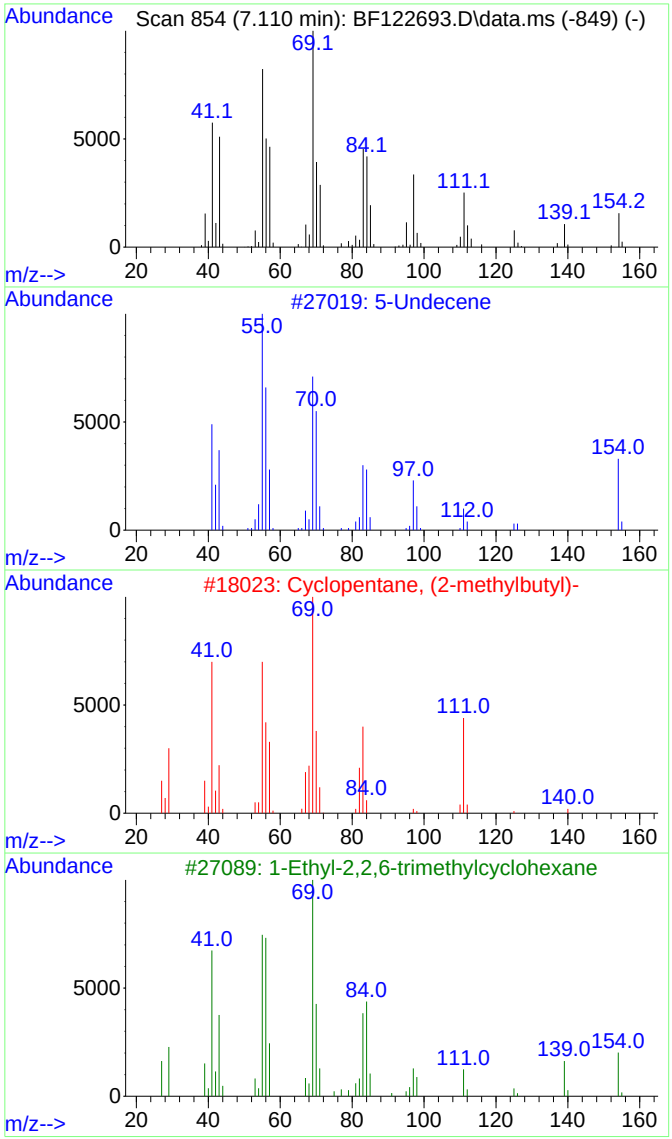
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

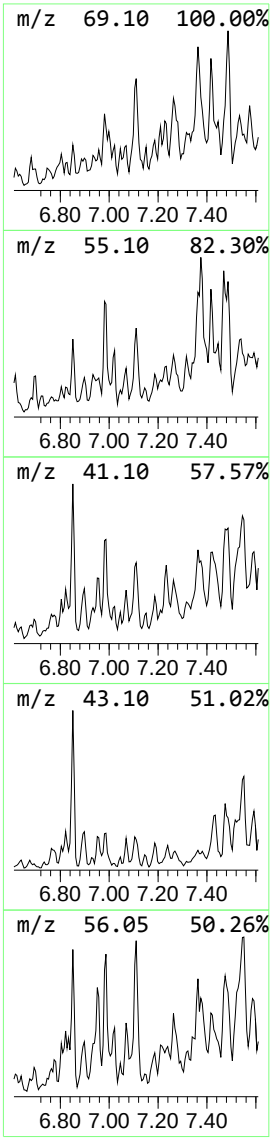
****

Peak Number 1 5-Undecene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.110	12.05 ng	570212	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Undecene	154	C11H22	004941-53-1	76
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	58
3	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	46
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	43
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122693.D
Acq On : 12 Dec 2020 22:55
Operator : JU/CG
Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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

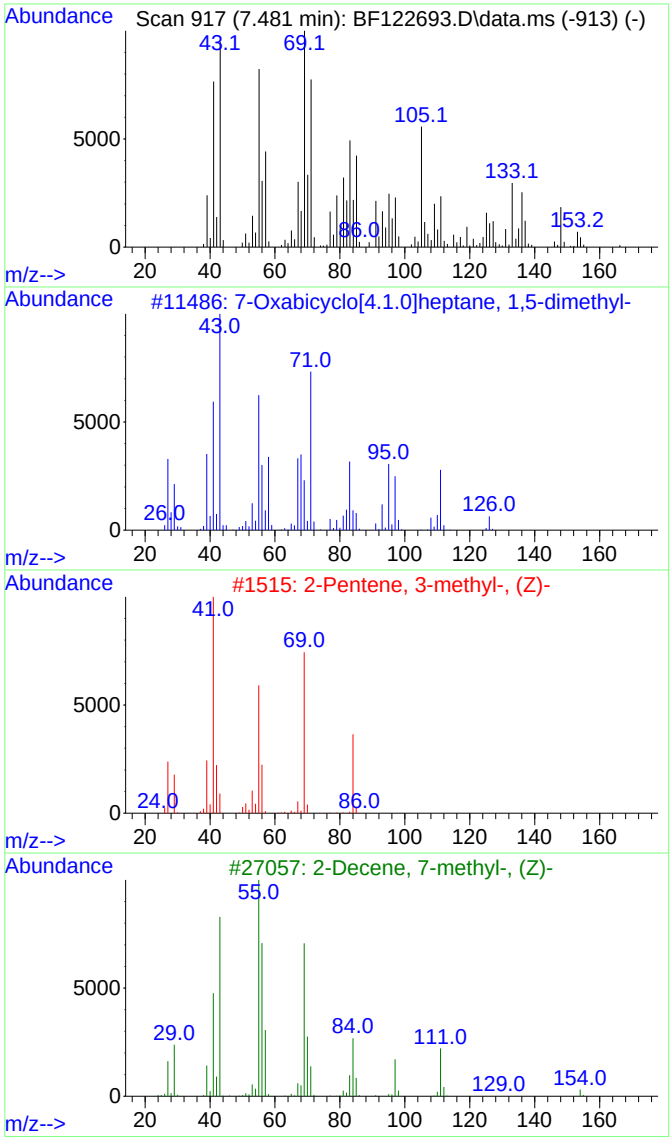
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

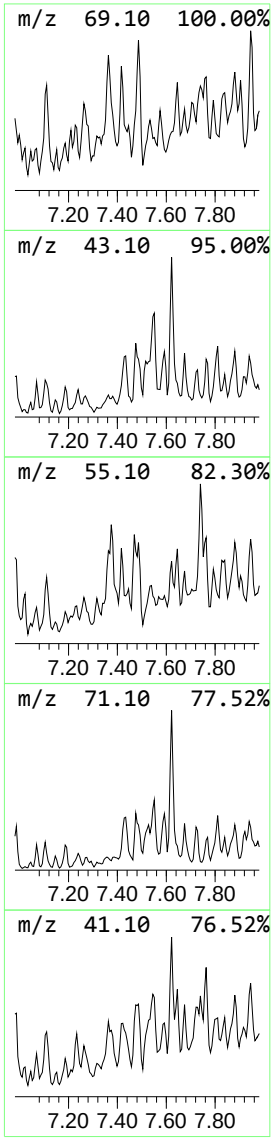
****

Peak Number 2 unknown7.481 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.481	11.51 ng	972570	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Oxabicyclo[4.1.0]heptane, 1,5-...	126	C8H14O	162239-52-3	42
2	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	35
3	2-Decene, 7-methyl-, (Z)-	154	C11H22	074630-23-2	30
4	1,6-Heptadiene, 3,5-dimethyl-	124	C9H16	068701-99-5	25
5	Cyclohexanone, 3,5-dimethyl-, cis-	126	C8H14O	007214-52-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122693.D
Acq On : 12 Dec 2020 22:55
Operator : JU/CG
Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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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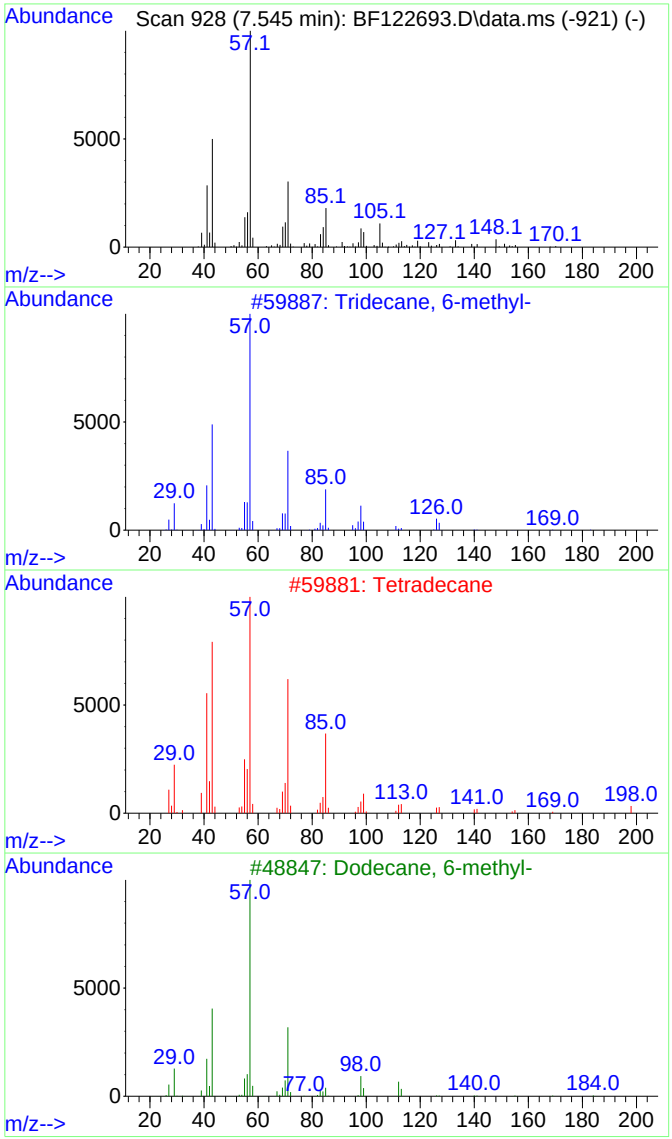
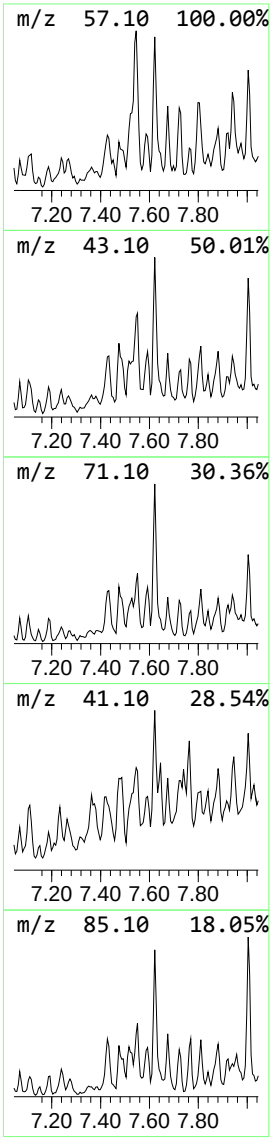
Peak Number 3 Tridecane, 6-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.545	15.92 ng	1344640	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
2	Tetradecane	198	C14H30	000629-59-4	50
3	Dodecane, 6-methyl-	184	C13H28	006044-71-9	47
4	Heneicosane	296	C21H44	000629-94-7	47
5	Undecane	156	C11H24	001120-21-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122693.D
Acq On : 12 Dec 2020 22:55
Operator : JU/CG
Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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

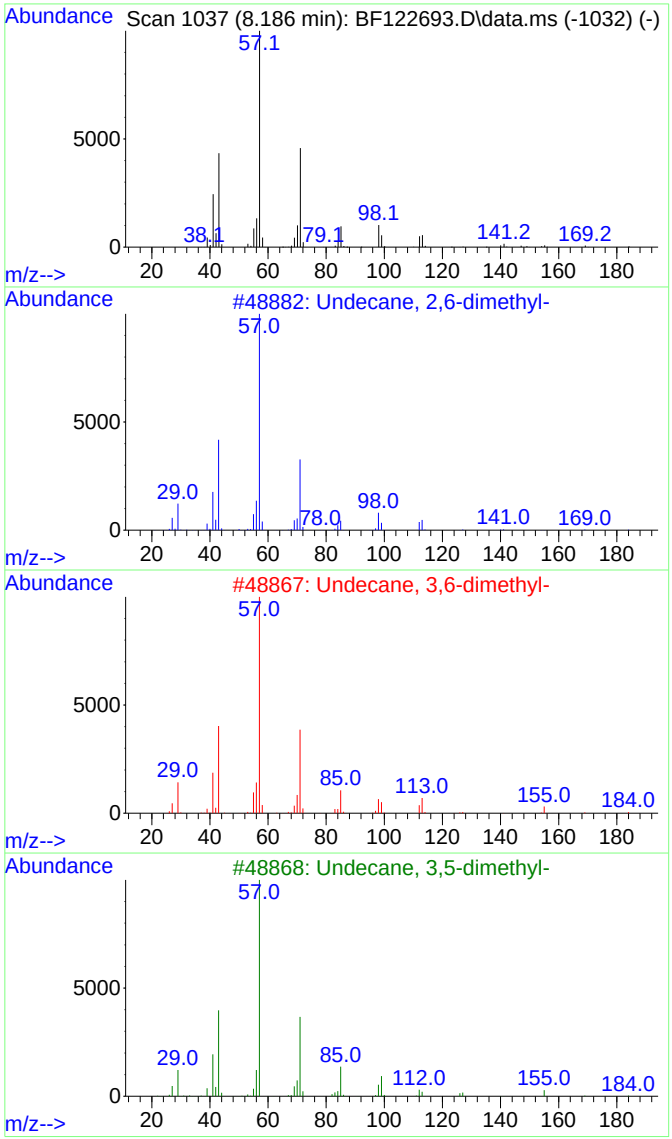
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

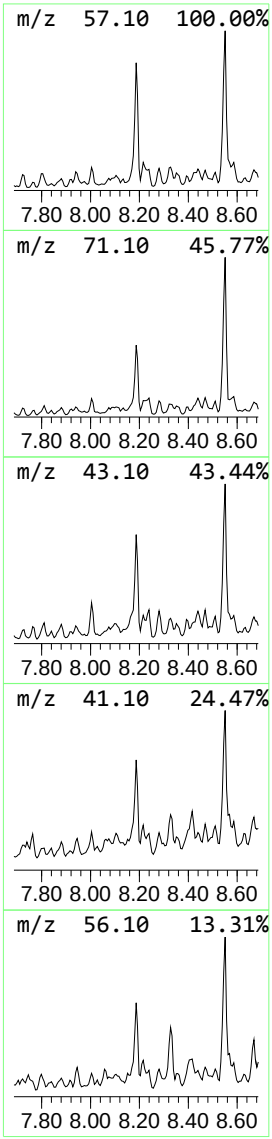
****

Peak Number 4 Undecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.186	23.76 ng	2006840	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122693.D
Acq On : 12 Dec 2020 22:55
Operator : JU/CG
Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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

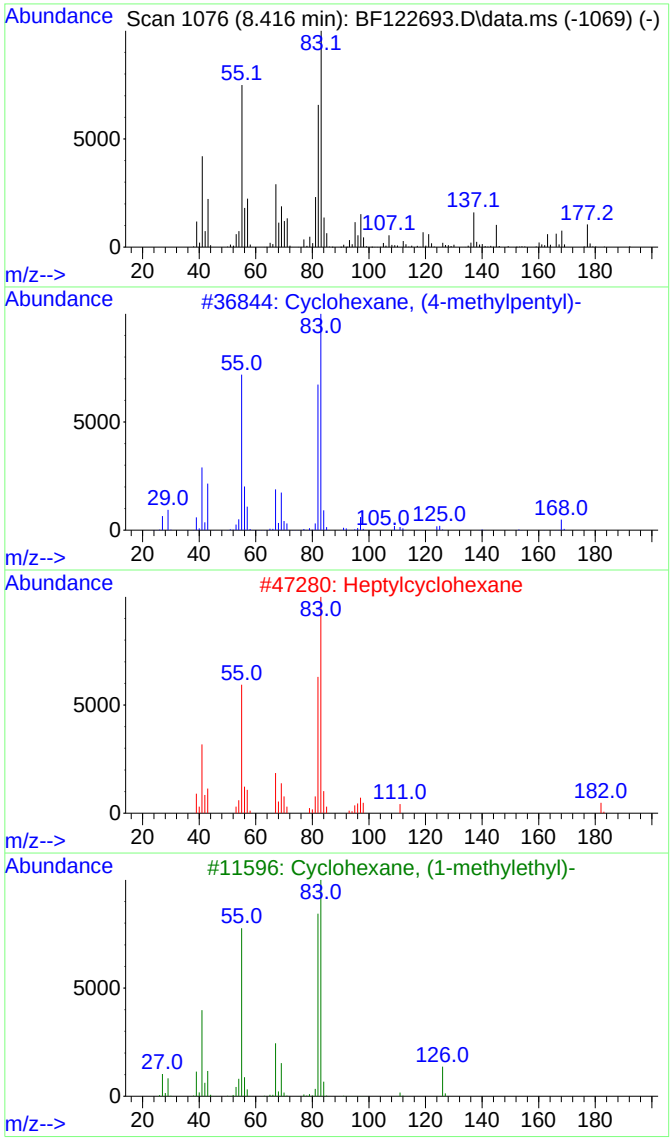
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

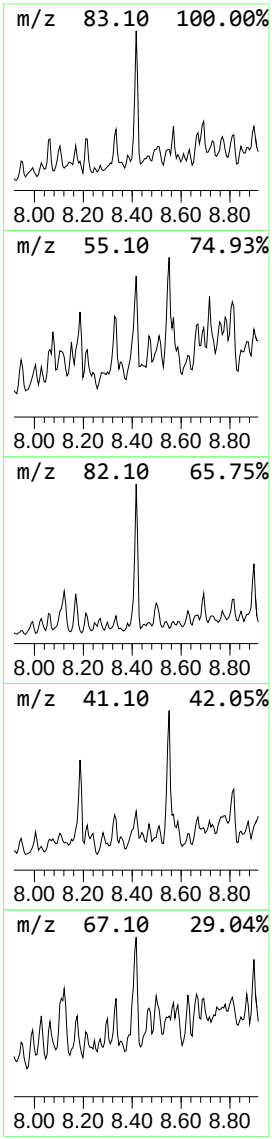
****

Peak Number 5 Cyclohexane, (4-methylpentyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.416	21.24 ng	1793970	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
2	Heptylcyclohexane	182	C13H26	005617-41-4	64
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	53





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Acq On : 12 Dec 2020 22:55
Operator : JU/CG
Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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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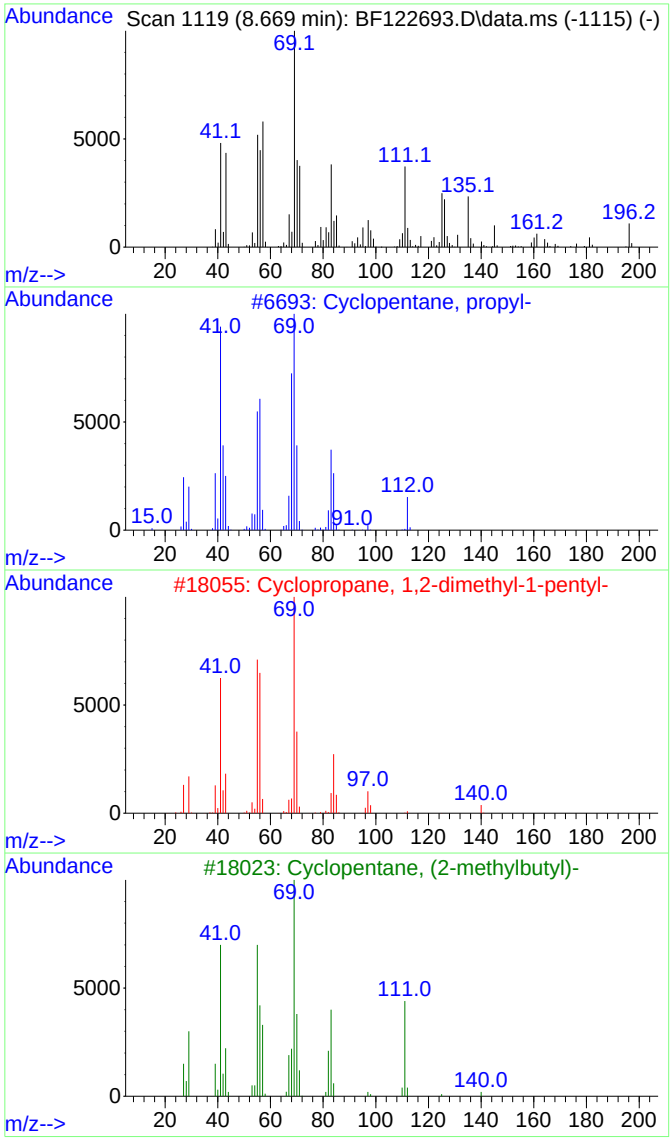
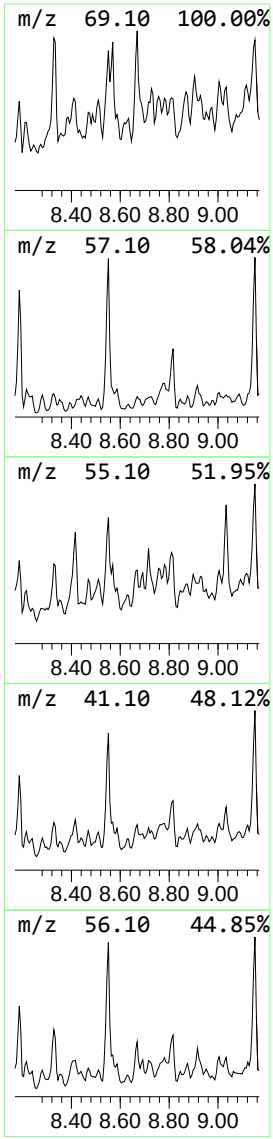
Peak Number 6 Cyclopentane, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.669	12.58 ng	1062730	Naphthalene-d8	8.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, propyl-	112	C8H16	002040-96-2	58
2	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	49
3	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	49
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	45
5	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	43





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Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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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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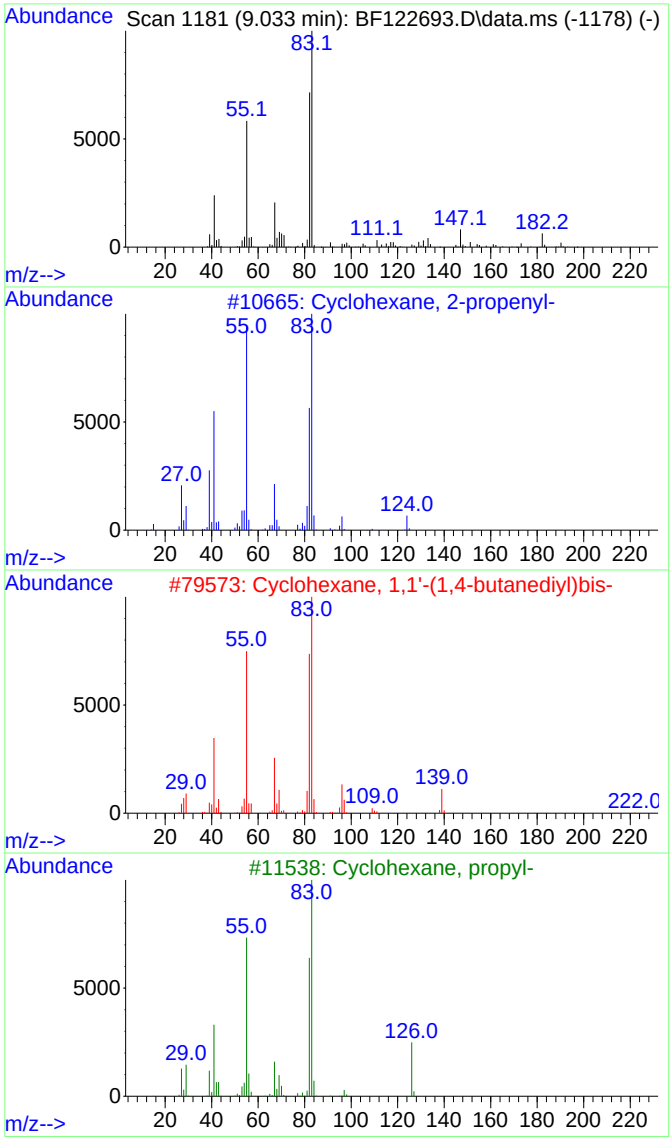
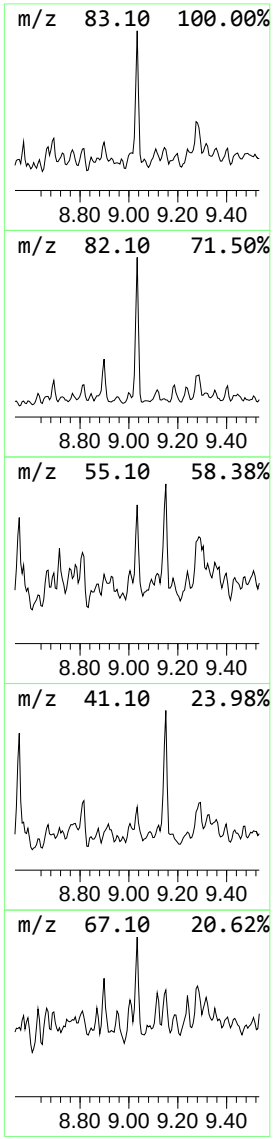
Peak Number 7 Cyclohexane, 2-propenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.033	16.35 ng	1146150	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	72
2	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	72
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	56





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Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JBD-SB-01-0-52

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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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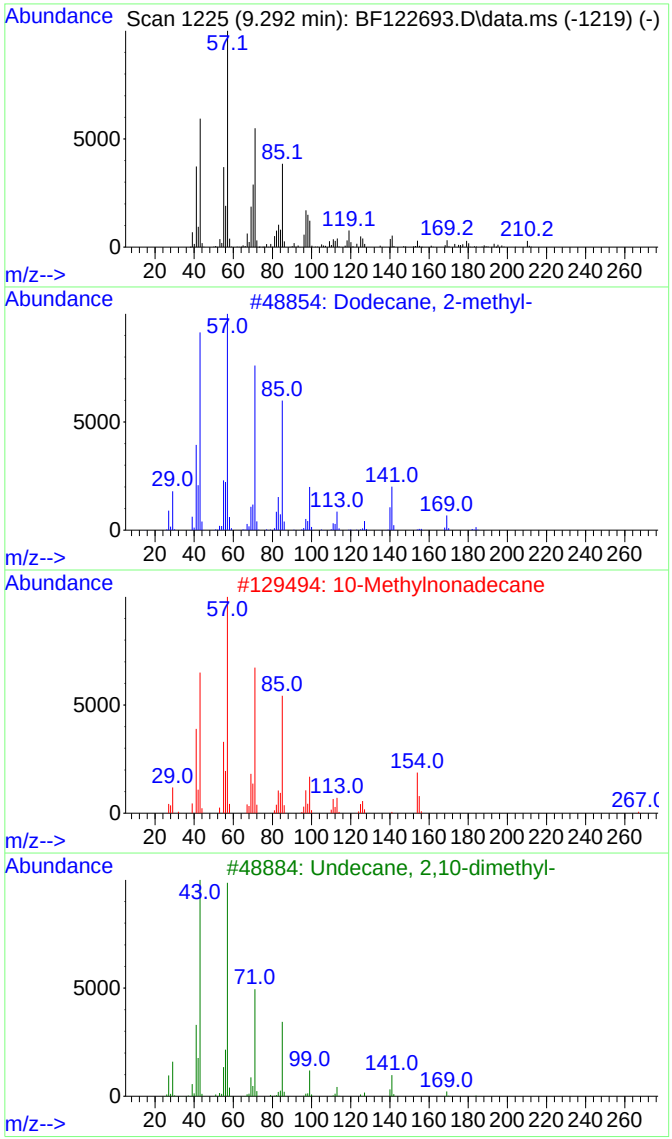
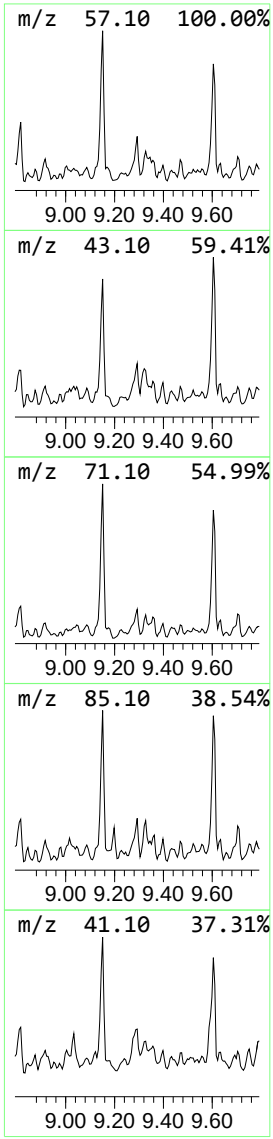
Peak Number 8 Dodecane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.292	29.16 ng	2043850	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	76
2	10-Methylnonadecane	282	C20H42	056862-62-5	72
3	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	64
4	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	64
5	Nonadecane	268	C19H40	000629-92-5	64





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Operator : JU/CG
Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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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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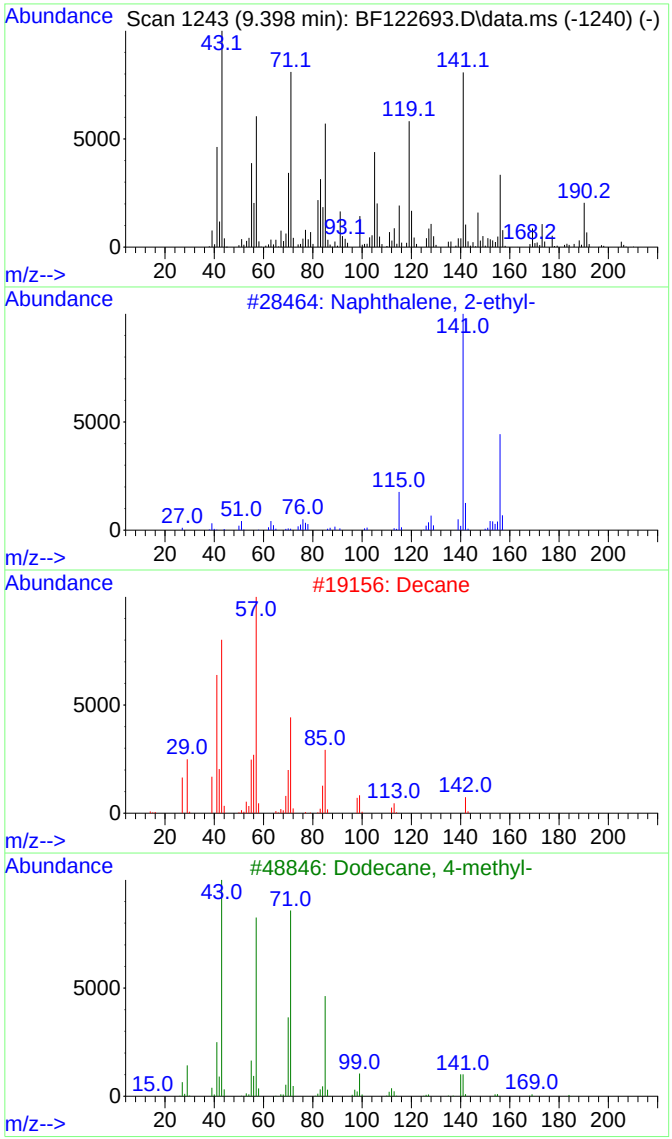
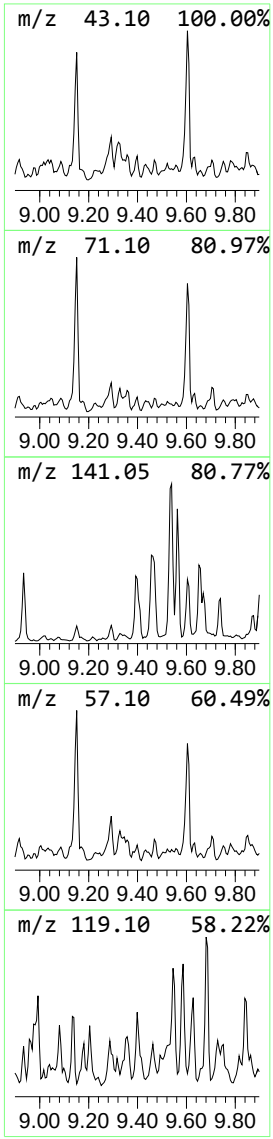
Peak Number 9 unknown9.398 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.398	10.44 ng	731553	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	35
2	Decane	142	C10H22	000124-18-5	30
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	30
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	25
5	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	22





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Sample : L5066-01
Misc :
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Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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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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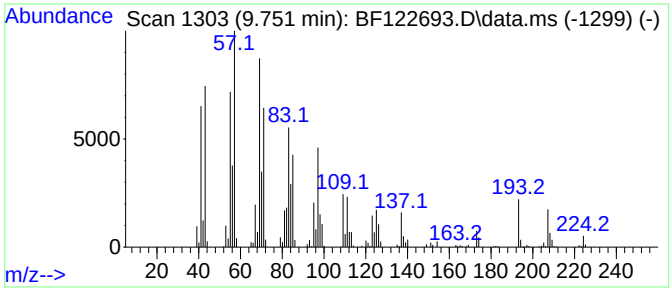
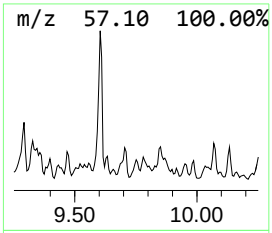
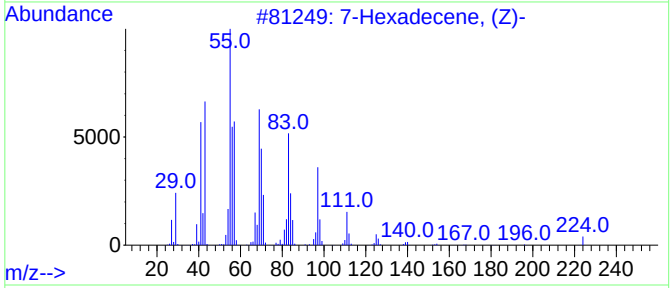
Peak Number 10 7-Hexadecene, (Z)- Concentration Rank 14

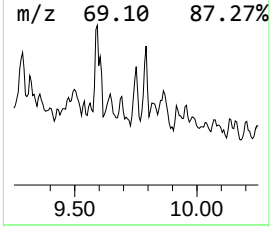
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.751	12.20 ng	855192	Acenaphthene-d10	9.880

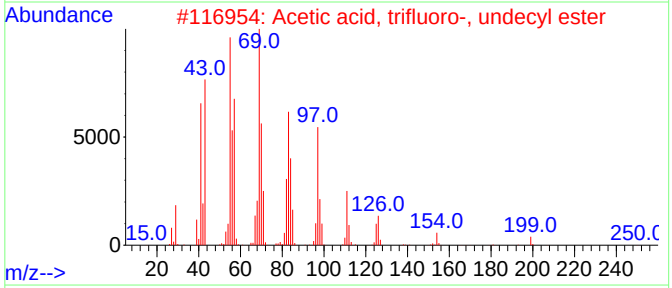
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	64
2	Acetic acid, trifluoro-, undecyl...	268	C13H23F3O2	053800-01-4	60
3	Cetene	224	C16H32	000629-73-2	56
4	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	49
5	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	43

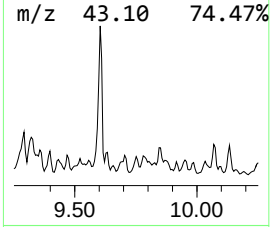


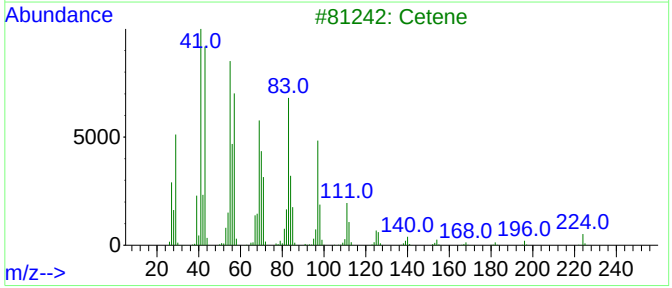


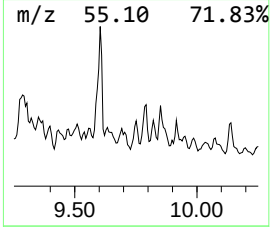


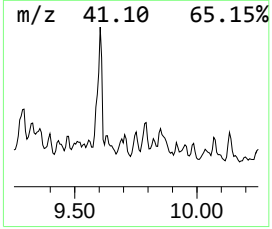












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Data File : BF122693.D
Acq On : 12 Dec 2020 22:55
Operator : JU/CG
Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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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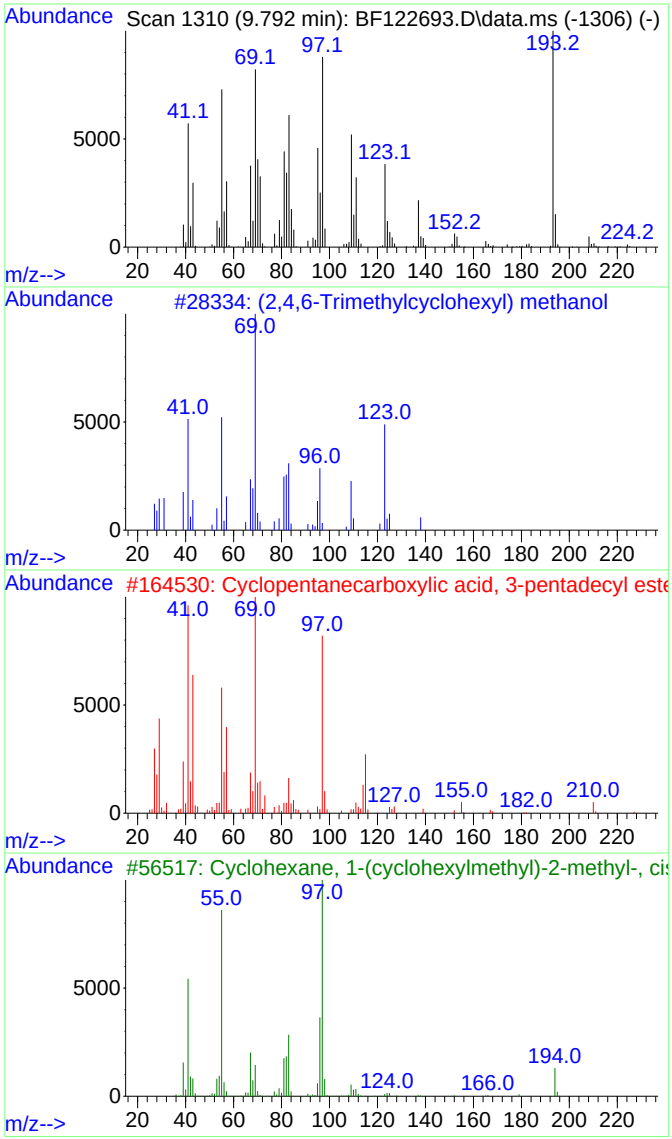
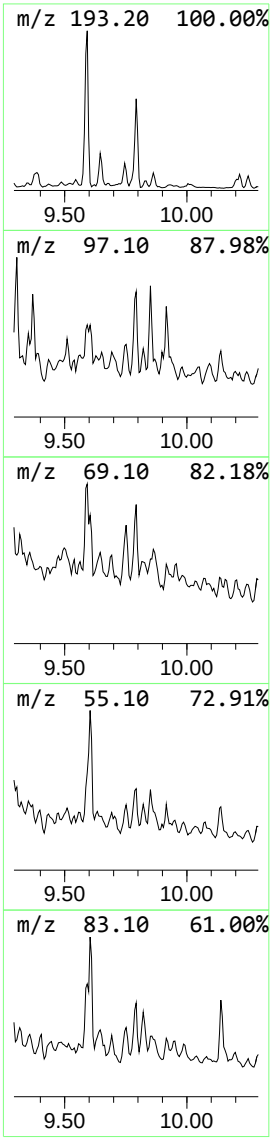
Peak Number 11 unknown9.792 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.792	16.05 ng	1124760	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,4,6-Trimethylcyclohexyl) meth...	156	C10H20O	013702-56-2	22
2	Cyclopentanecarboxylic acid, 3-p...	324	C21H40O2	1000280-59-1	22
3	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	18
4	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	15
5	Cyclopropanemethanol, 2,2,3,3-te...	128	C8H16O	002415-96-5	14





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Operator : JU/CG
Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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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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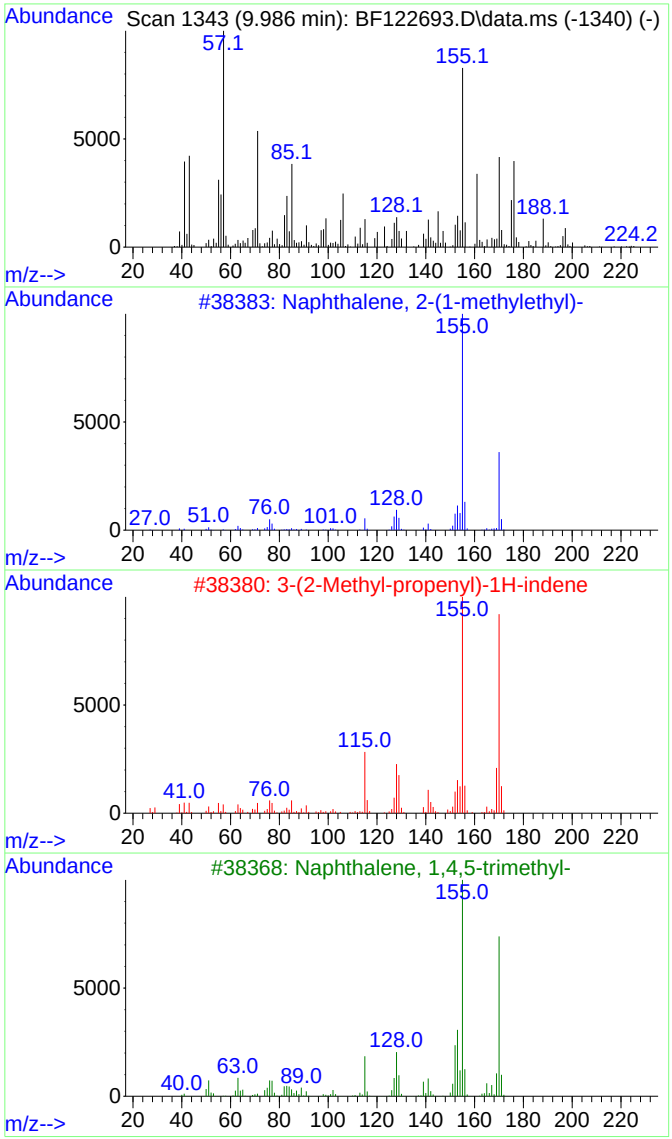
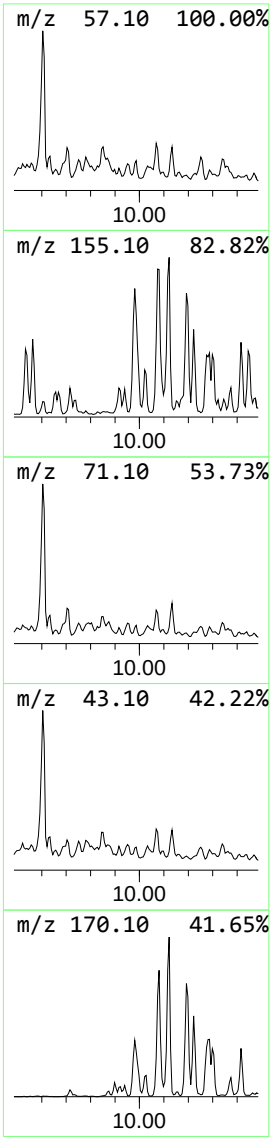
Peak Number 12 unknown9.986 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.986	12.78 ng	895892	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	42
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	42
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	38
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	30
5	Dodecane	170	C12H26	000112-40-3	30





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Sample : L5066-01
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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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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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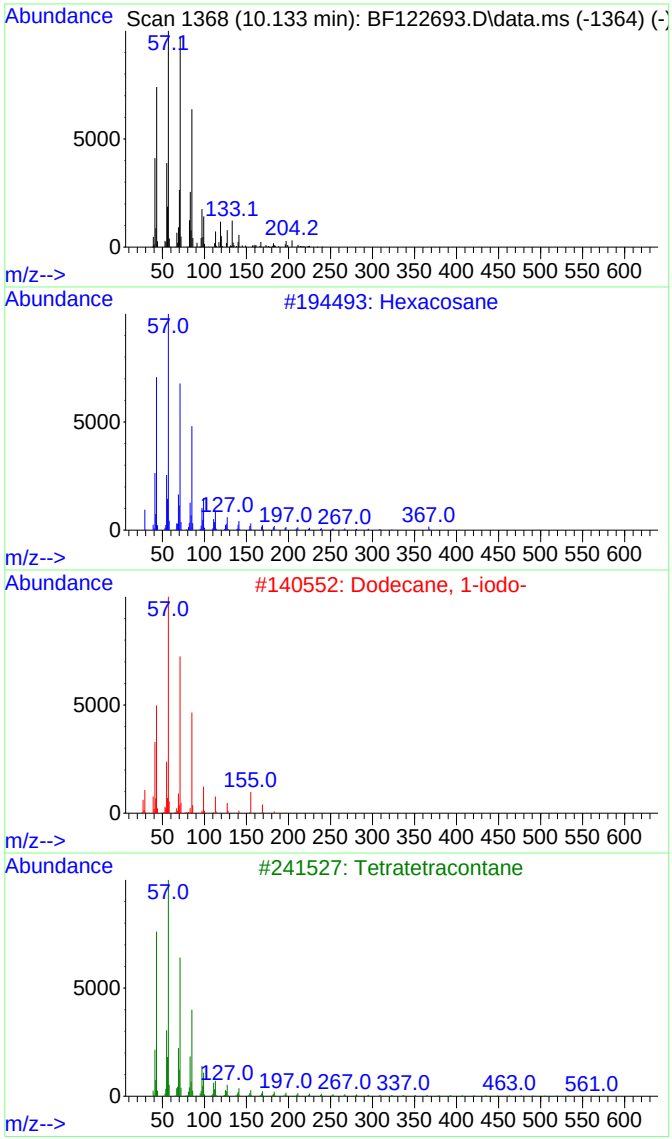
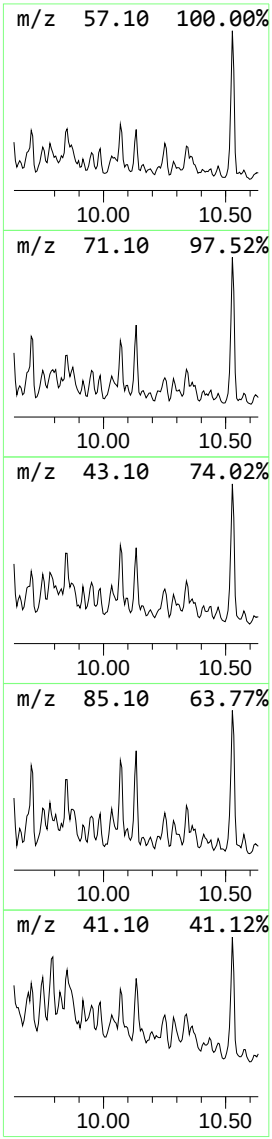
Peak Number 13 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.133	24.95 ng	1748670	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	72
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	53
3	Tetratetracontane	619	C44H90	007098-22-8	52
4	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	52
5	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	50





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Acq On : 12 Dec 2020 22:55
Operator : JU/CG
Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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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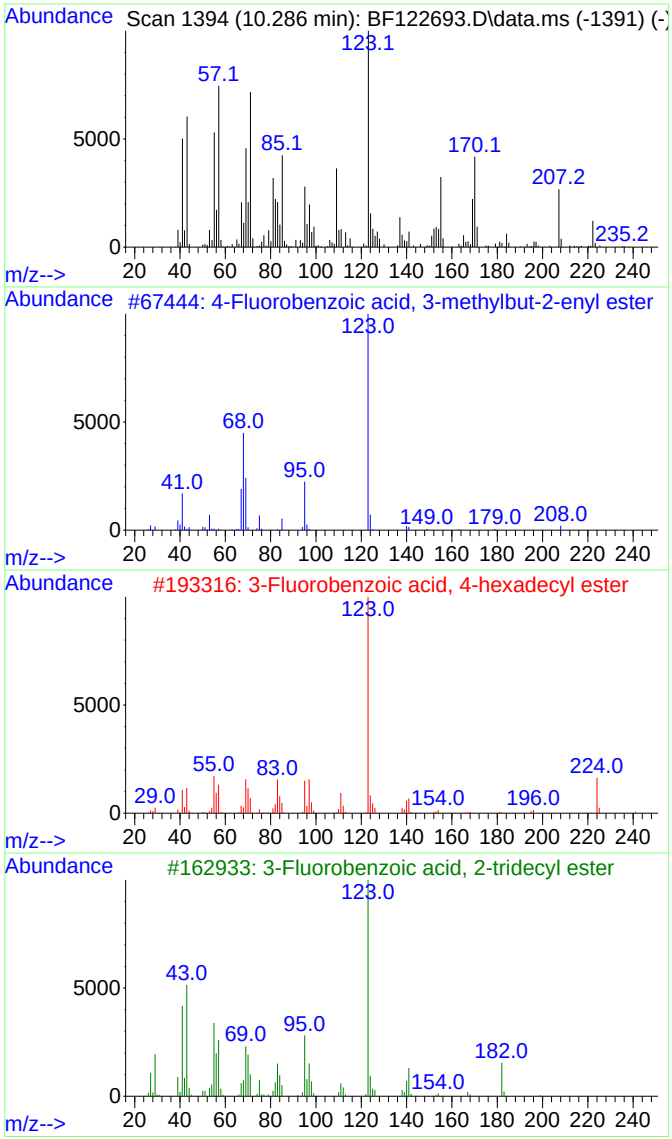
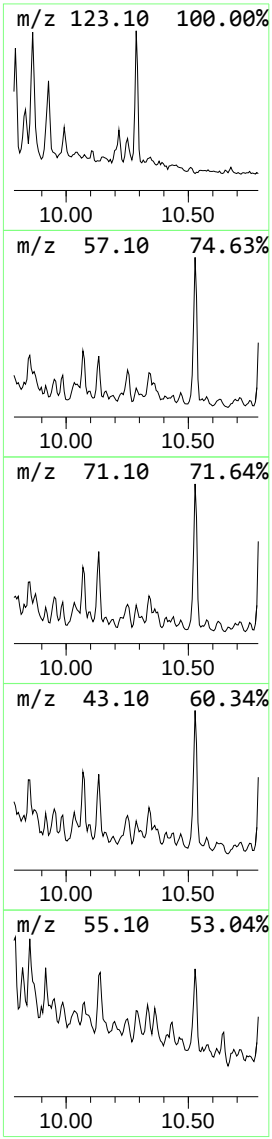
Peak Number 14 unknown10.286 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.286	11.31 ng	792848	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Fluorobenzoic acid, 3-methylbu...	208	C12H13FO2	1000299-15-1	30
2	3-Fluorobenzoic acid, 4-hexadecy...	364	C23H37FO2	1000283-01-7	27
3	3-Fluorobenzoic acid, 2-tridecyl...	322	C20H31FO2	1000280-60-2	27
4	3-Fluorobenzoic acid, 2-pentadec...	350	C22H35FO2	1000280-60-7	27
5	2-Fluorobenzoic acid, pentafluor...	306	C13H4F6O2	1000354-70-1	22





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Sample : L5066-01
Misc :
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Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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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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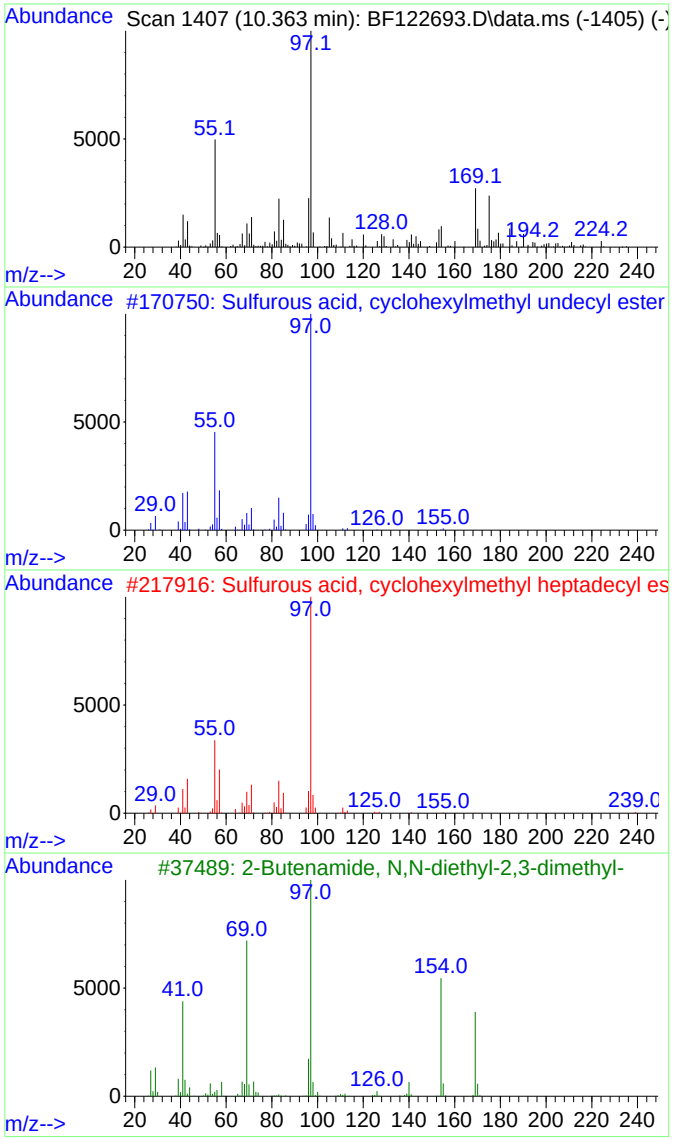
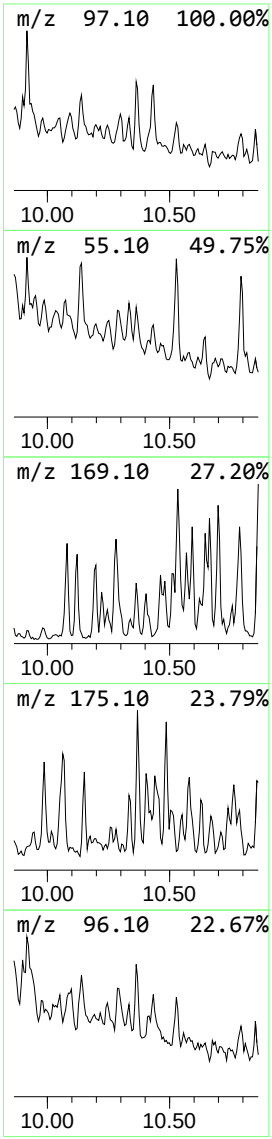
Peak Number 15 unknown10.363 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.363	10.81 ng	757731	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	49
2	Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	47
3	2-Butenamide, N,N-diethyl-2,3-di...	169	C10H19NO	094123-23-6	47
4	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	43
5	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	43





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Acq On : 12 Dec 2020 22:55
Operator : JU/CG
Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JBD-SB-01-0-52

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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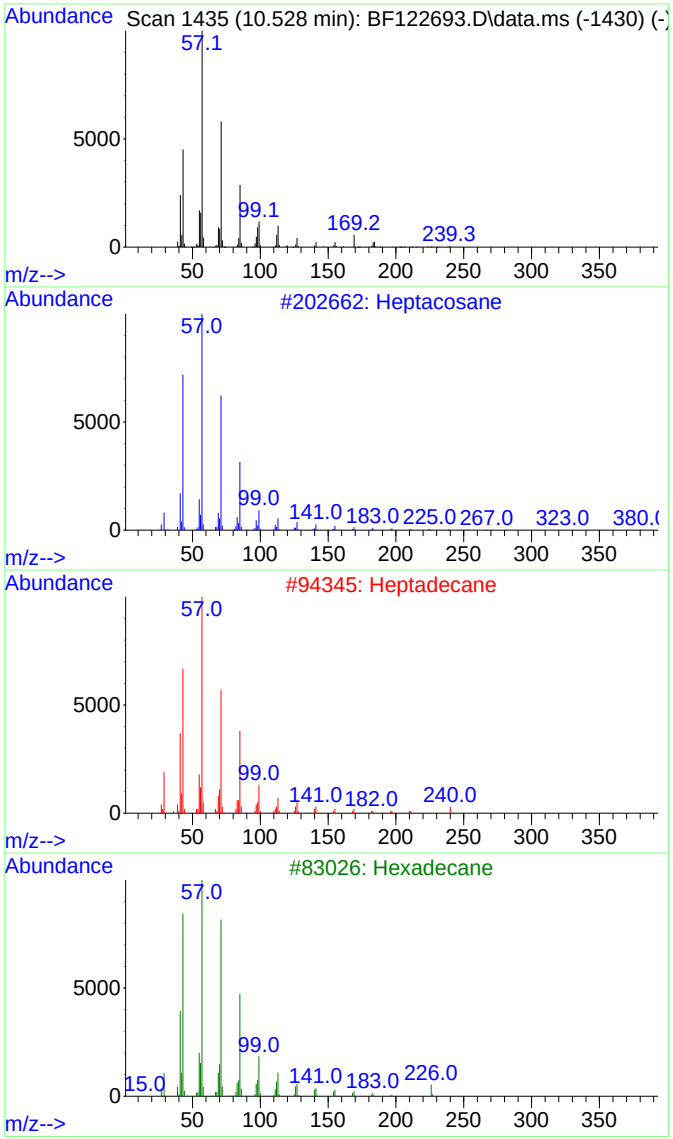
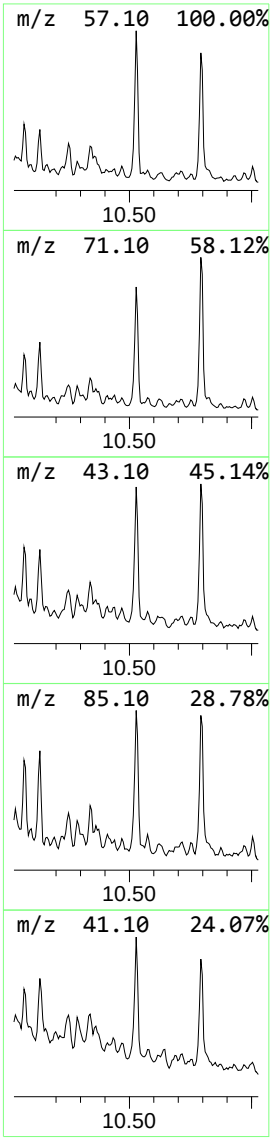
Peak Number 16 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.528	28.18 ng	1974890	Acenaphthene-d10	9.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	80
2	Heptadecane	240	C17H36	000629-78-7	78
3	Hexadecane	226	C16H34	000544-76-3	72
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	64
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64





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Operator : JU/CG
Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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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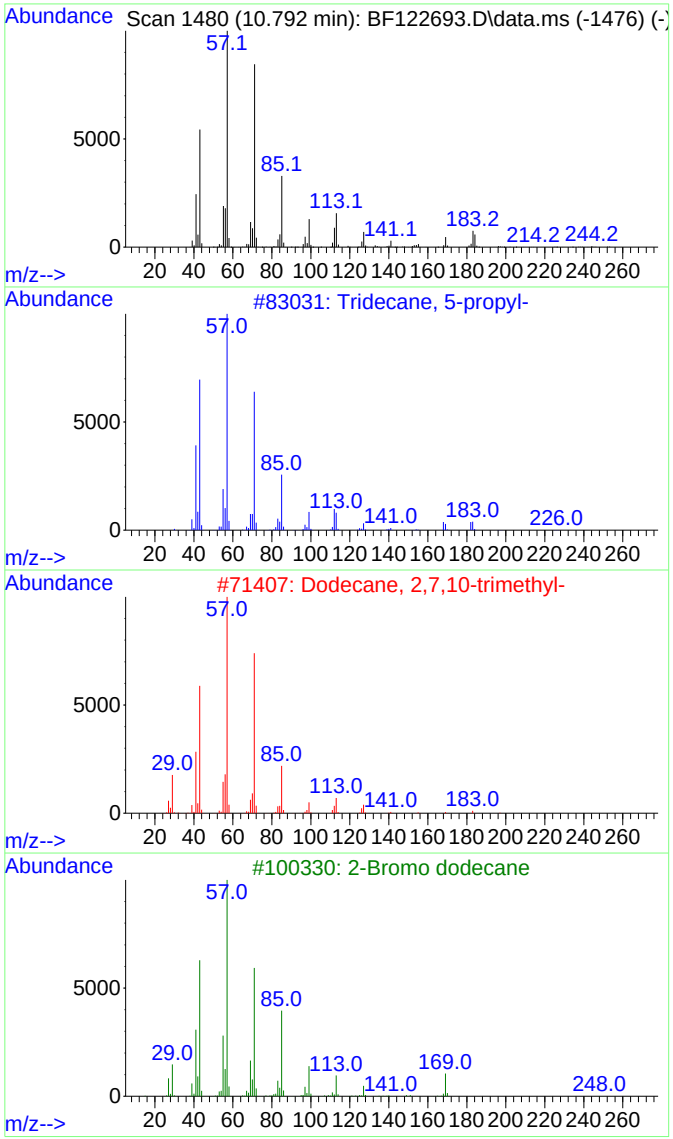
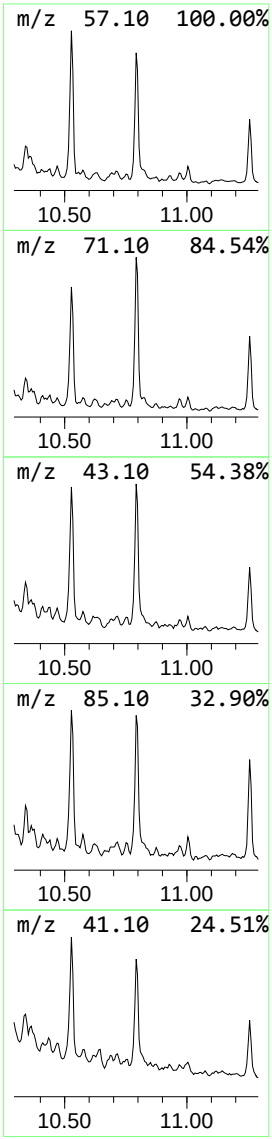
Peak Number 17 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.792	31.24 ng	2188390	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	78
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	74





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Operator : JU/CG
Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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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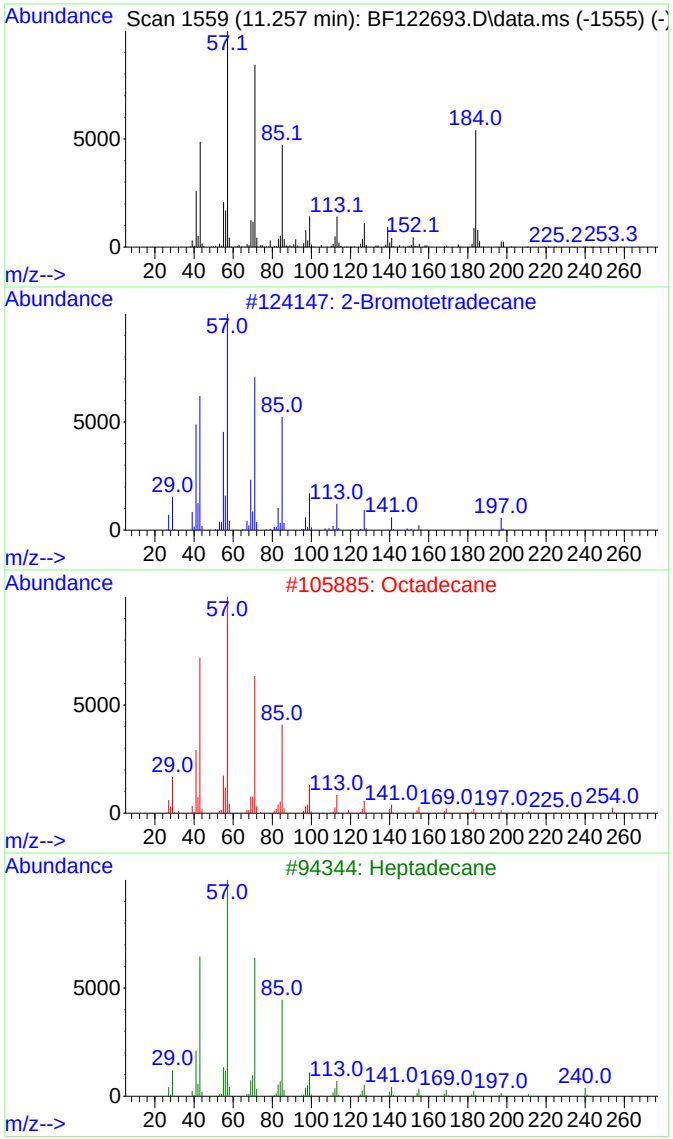
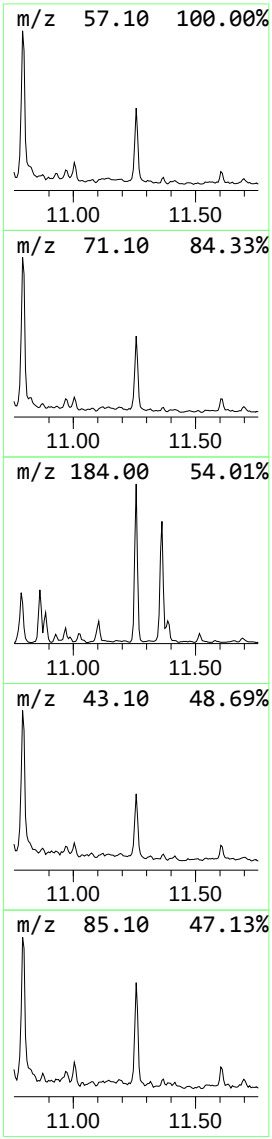
Peak Number 18 2-Bromotetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.257	18.70 ng	1309790	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	64
2	Octadecane	254	C18H38	000593-45-3	64
3	Heptadecane	240	C17H36	000629-78-7	64
4	Hexadecane	226	C16H34	000544-76-3	62
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	62





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Acq On : 12 Dec 2020 22:55
Operator : JU/CG
Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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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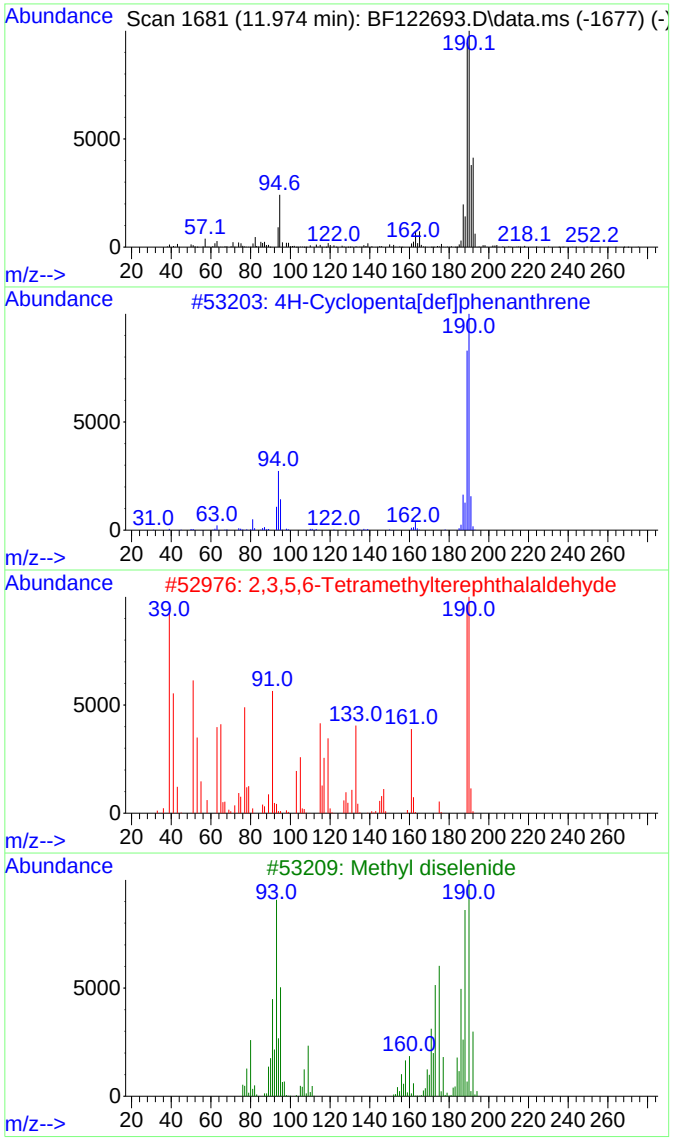
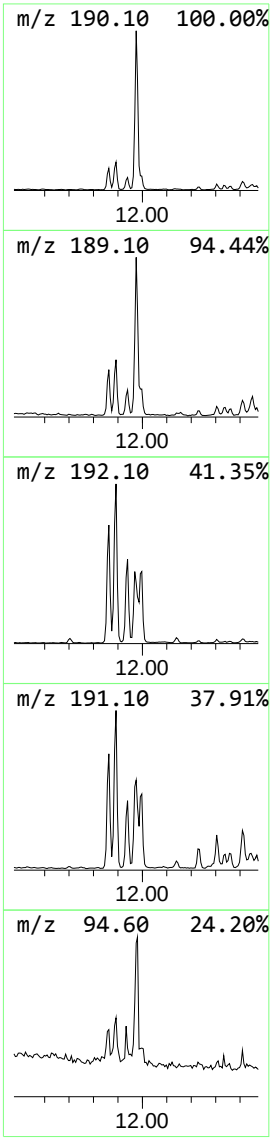
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	11.33 ng	793600	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	Methyl diselenide	190	C2H6Se2	007101-31-7	43
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	Megastigmatrienone	190	C13H18O	038818-55-2	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122693.D
Acq On : 12 Dec 2020 22:55
Operator : JU/CG
Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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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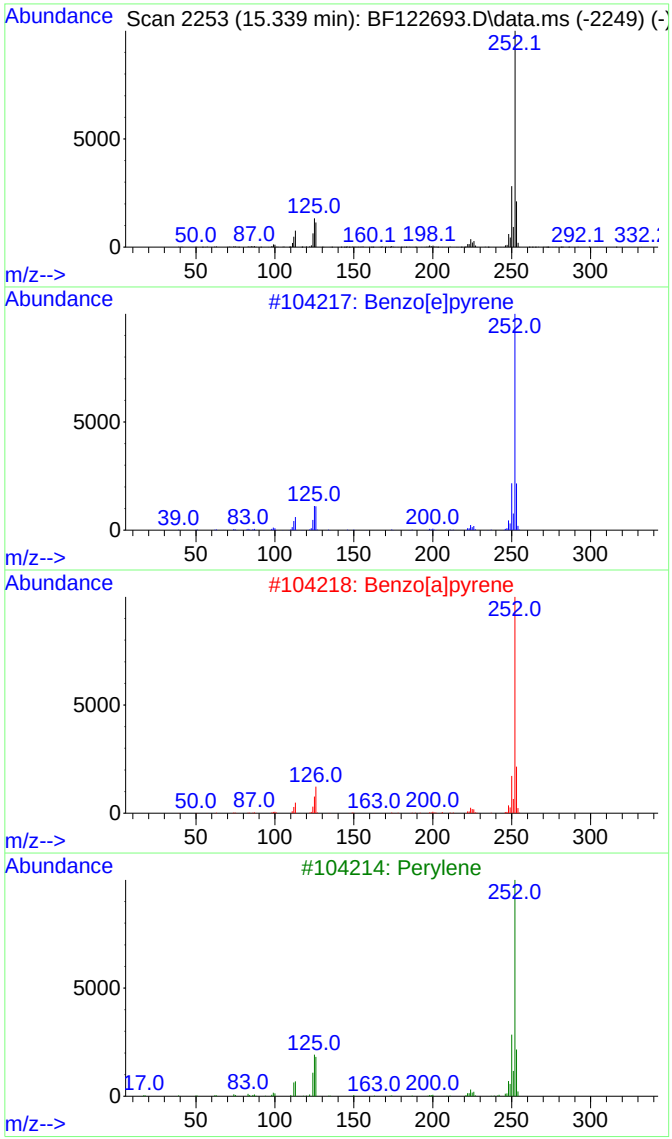
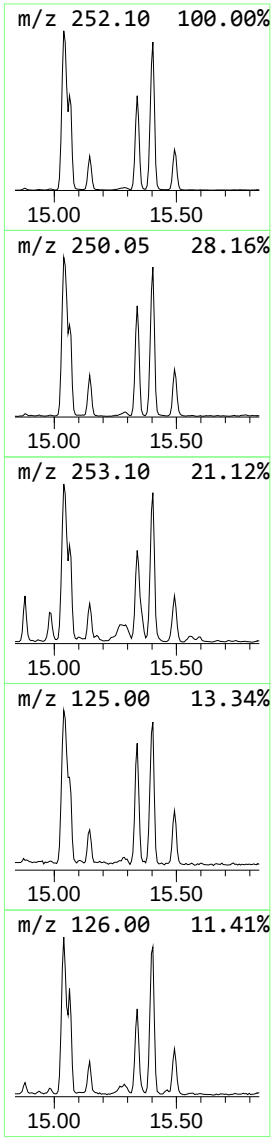
Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	17.30 ng	852453	Perylene-d12	15.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121220\
Data File : BF122693.D
Acq On : 12 Dec 2020 22:55
Operator : JU/CG
Sample : L5066-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JBD-SB-01-0-52

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
5-Undecene	7.110	12.1	ng	570212	1	6.834	946080	20.0
unknown7.481	7.481	11.5	ng	972570	2	8.122	1689460	20.0
Tridecane, 6-me...	7.545	15.9	ng	1344640	2	8.122	1689460	20.0
Undecane, 2,6-d...	8.186	23.8	ng	2006840	2	8.122	1689460	20.0
Cyclohexane, (4...	8.416	21.2	ng	1793970	2	8.122	1689460	20.0
Cyclopentane, p...	8.669	12.6	ng	1062730	2	8.122	1689460	20.0
Cyclohexane, 2-...	9.033	16.4	ng	1146150	3	9.880	1401810	20.0
Dodecane, 2-met...	9.292	29.2	ng	2043850	3	9.880	1401810	20.0
unknown9.398	9.398	10.4	ng	731553	3	9.880	1401810	20.0
7-Hexadecene, (Z)-	9.751	12.2	ng	855192	3	9.880	1401810	20.0
unknown9.792	9.792	16.1	ng	1124760	3	9.880	1401810	20.0
unknown9.986	9.986	12.8	ng	895892	3	9.880	1401810	20.0
Hexacosane	10.133	24.9	ng	1748670	3	9.880	1401810	20.0
unknown10.286	10.286	11.3	ng	792848	3	9.880	1401810	20.0
unknown10.363	10.363	10.8	ng	757731	3	9.880	1401810	20.0
Heptacosane	10.528	28.2	ng	1974890	3	9.880	1401810	20.0
Tridecane, 5-pr...	10.792	31.2	ng	2188390	4	11.363	1400920	20.0
2-Bromotetradecane	11.257	18.7	ng	1309790	4	11.363	1400920	20.0
4H-Cyclopenta[d...	11.975	11.3	ng	793600	4	11.363	1400920	20.0
Benzo[e]pyrene	15.339	17.3	ng	852453	6	15.463	985521	20.0