LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
Data File : BF121295.D
Acq On : 14 Aug 2020 20:23
Operator : JU/CG
Sample : L3681-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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-BF081320.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	4.875	471	474	484	rVB	27463	34468	1.43%	0.163%
2	5.304	543	547	557	rBV	1623848	1545680	64.11%	7.314%
3	6.340	719	723	737	rBV	1758808	1573926	65.29%	7.448%
4	6.704	781	785	788	rBV	577037	450132	18.67%	2.130%
5	7.269	877	881	884	rBV	1302939	1062553	44.07%	5.028%
6	7.628	935	942	946	rVB6	20153	34765	1.44%	0.165%
7	7.987	998	1003	1006	rBV	785607	646263	26.81%	3.058%
8	8.057	1013	1015	1018	rVB	46500	31343	1.30%	0.148%
9	8.287	1049	1054	1056	rBV4	31689	40338	1.67%	0.191%
10	8.375	1066	1069	1072	rVB5	24255	25810	1.07%	0.122%
11	8.416	1072	1076	1078	rBV	102595	91343	3.79%	0.432%
12	8.587	1102	1105	1109	rBV	59255	56926	2.36%	0.269%
13	8.898	1155	1158	1163	rVB4	25597	37914	1.57%	0.179%
14	9.016	1175	1178	1182	rVB	112033	88910	3.69%	0.421%
15	9.069	1182	1187	1190	rBV	2259473	2015792	83.61%	9.538%
16	9.151	1196	1201	1205	rBV3	126668	158397	6.57%	0.750%
17	9.404	1241	1244	1246	rBV3	55302	51563	2.14%	0.244%
18	9.463	1249	1254	1258	rVB3	222572	333715	13.84%	1.579%
19	9.604	1275	1278	1284	rBV3	57555	70733	2.93%	0.335%
20	9.651	1284	1286	1289	rVB	88314	69264	2.87%	0.328%
21	9.681	1289	1291	1295	rVB	136197	109438	4.54%	0.518%
22	9.739	1298	1301	1304	rVB	895539	735369	30.50%	3.480%
23	9.781	1304	1308	1310	rBV4	24862	30011	1.24%	0.142%
24	9.851	1317	1320	1324	rVB2	40700	47145	1.96%	0.223%
25	9.945	1332	1336	1339	rVB	83743	74461	3.09%	0.352%
26	9.986	1339	1343	1344	rVV	35198	33092	1.37%	0.157%
27	10.004	1344	1346	1351	rVV4	39630	38348	1.59%	0.181%
28	10.057	1353	1355	1358	rVV	68051	67629	2.81%	0.320%
29	10.086	1358	1360	1362	rVB	39325	30237	1.25%	0.143%
30	10.151	1367	1371	1372	rBV3	42127	44880	1.86%	0.212%
31	10.181	1372	1376	1378	rVB2	130384	115652	4.80%	0.547%
32	10.233	1383	1385	1390	rVB5	25843	27506	1.14%	0.130%
33	10.286	1390	1394	1396	rBV3	37167	44241	1.84%	0.209%
34	10.398	1411	1413	1418	rVB	109349	99792	4.14%	0.472%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
Data File : BF121295.D
Acq On : 14 Aug 2020 20:23
Operator : JU/CG
Sample : L3681-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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-BF081320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.451	1418	1422	1425	rVB4	35618	57770	2.40%	0.273%
36	10.528	1430	1435	1439	rBV	1446282	1354413	56.18%	6.409%
37	10.651	1453	1456	1464	rVB2	185602	266263	11.04%	1.260%
38	10.728	1466	1469	1471	rBV2	35863	28449	1.18%	0.135%
39	10.833	1483	1487	1489	rBV4	24614	30630	1.27%	0.145%
40	10.863	1489	1492	1498	rVB3	41724	56623	2.35%	0.268%
41	11.098	1530	1532	1534	rBV	119374	87376	3.62%	0.413%
42	11.128	1534	1537	1544	rVB3	78672	104480	4.33%	0.494%
43	11.222	1550	1553	1556	rBV	939819	827097	34.31%	3.914%
44	11.245	1556	1557	1560	rVV	228171	141047	5.85%	0.667%
45	11.298	1564	1566	1569	rVB	53781	38921	1.61%	0.184%
46	11.457	1588	1593	1595	rBV3	27174	29213	1.21%	0.138%
47	11.528	1602	1605	1607	rBV	90790	79216	3.29%	0.375%
48	11.728	1636	1639	1641	rVV	37547	32546	1.35%	0.154%
49	11.751	1641	1643	1647	rVB	49128	47357	1.96%	0.224%
50	11.833	1653	1657	1660	rBV	52939	58626	2.43%	0.277%
51	11.857	1660	1661	1667	rVB2	34607	27530	1.14%	0.130%
52	11.933	1671	1674	1676	rBV	78060	69182	2.87%	0.327%
53	12.045	1691	1693	1697	rVB4	27738	26911	1.12%	0.127%
54	12.169	1708	1714	1717	rBV2	29350	34515	1.43%	0.163%
55	12.275	1729	1732	1735	rBV	54999	54065	2.24%	0.256%
56	12.316	1735	1739	1743	rVB3	68866	85279	3.54%	0.404%
57	12.357	1743	1746	1750	rBV2	30792	31120	1.29%	0.147%
58	12.433	1755	1759	1762	rBV	357936	298483	12.38%	1.412%
59	12.657	1792	1797	1800	rBV	302271	327362	13.58%	1.549%
60	12.686	1800	1802	1805	rVV2	59143	58532	2.43%	0.277%
61	12.722	1805	1808	1811	rVB3	26455	32571	1.35%	0.154%
62	12.810	1819	1823	1826	rBV	2673230	2410847	100.00%	11.408%
63	12.880	1830	1835	1839	rBV3	27189	47369	1.96%	0.224%
64	12.986	1851	1853	1857	rVB	49269	49279	2.04%	0.233%
65	13.051	1857	1864	1867	rBV2	60190	87143	3.61%	0.412%
66	13.092	1867	1871	1874	rVV	42366	40495	1.68%	0.192%
67	13.386	1916	1921	1924	rBV4	47682	57169	2.37%	0.271%
68	13.498	1937	1940	1944	rVB	29425	29376	1.22%	0.139%
69	13.604	1954	1958	1961	rBV2	31464	42791	1.77%	0.202%
70	13.716	1973	1977	1993	rBV3	186341	408663	16.95%	1.934%
71	13.857	1996	2001	2004	rVV2	1056831	1124909	46.66%	5.323%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
Data File : BF121295.D
Acq On : 14 Aug 2020 20:23
Operator : JU/CG
Sample : L3681-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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-BF081320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.880	2004	2005	2012	rVV	207310	153636	6.37%	0.727%
73	13.963	2016	2019	2021	rVB	35256	32865	1.36%	0.156%
74	14.033	2027	2031	2035	rBV3	50641	55468	2.30%	0.262%
75	14.245	2064	2067	2070	rVB	42736	40004	1.66%	0.189%
76	14.333	2077	2082	2085	rBV3	75679	95663	3.97%	0.453%
77	14.369	2085	2088	2090	rBV	35269	46518	1.93%	0.220%
78	14.633	2130	2133	2136	rBV	49877	52517	2.18%	0.249%
79	14.698	2141	2144	2147	rBV2	40273	43198	1.79%	0.204%
80	14.868	2169	2173	2176	rBV	207779	283415	11.76%	1.341%
81	14.951	2183	2187	2189	rBV2	67779	83196	3.45%	0.394%
82	15.151	2217	2221	2226	rVB	130205	159271	6.61%	0.754%
83	15.210	2227	2231	2236	rVB	176192	209390	8.69%	0.991%
84	15.268	2236	2241	2244	rBV	704549	790526	32.79%	3.741%
85	15.298	2244	2246	2253	rVB3	94534	121391	5.04%	0.574%
86	15.704	2311	2315	2320	rBV	48672	73526	3.05%	0.348%
87	16.168	2390	2394	2398	rBV3	27614	45130	1.87%	0.214%
88	16.627	2467	2472	2480	rVB2	85624	160487	6.66%	0.759%
89	16.710	2482	2486	2493	rVB5	22724	46750	1.94%	0.221%
90	17.033	2536	2541	2549	rVB	71171	139146	5.77%	0.658%

Sum of corrected areas: 21133351

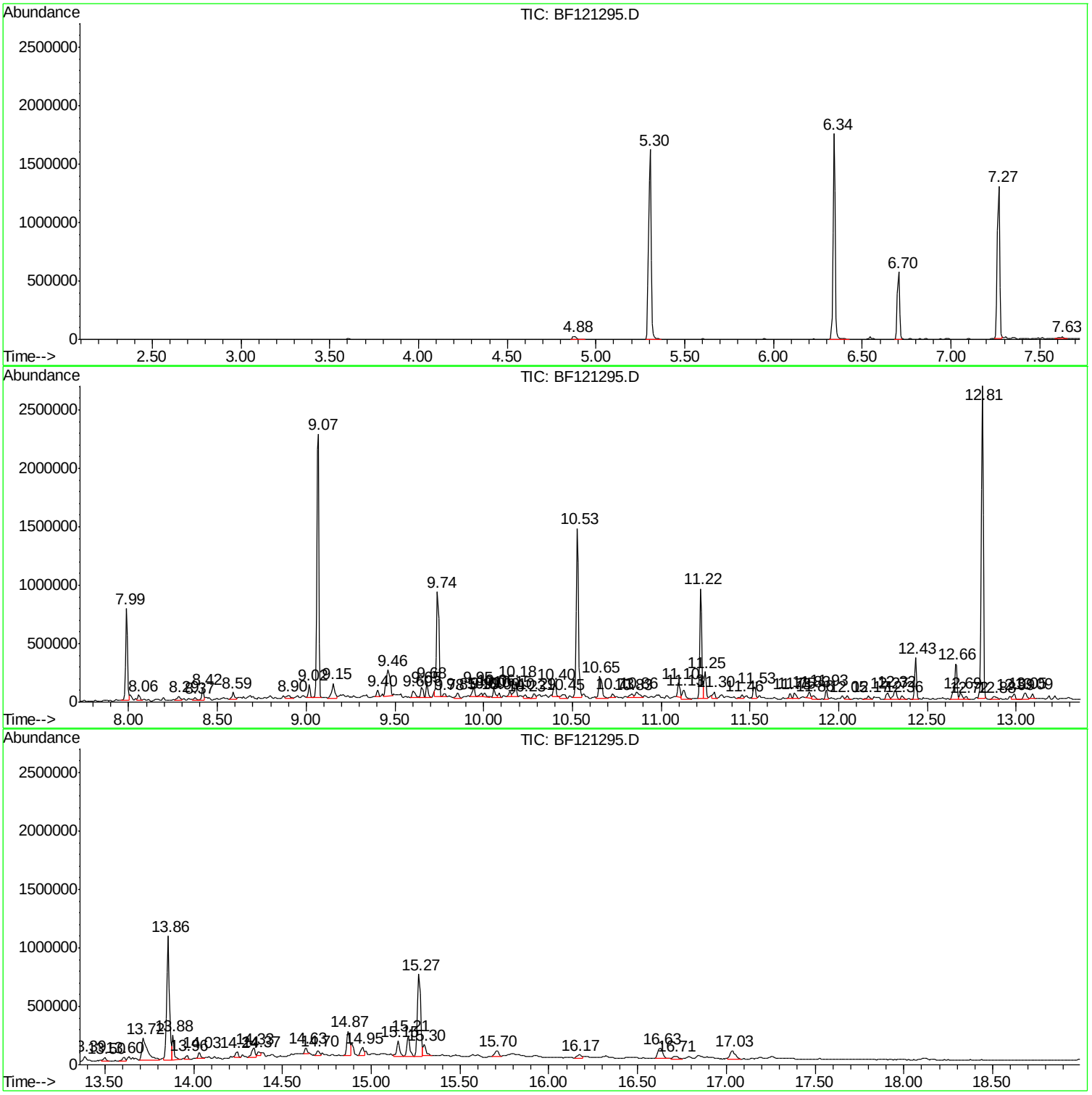
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
Data File : BF121295.D
Acq On : 14 Aug 2020 20:23
Operator : JU/CG
Sample : L3681-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
Data File : BF121295.D
Acq On : 14 Aug 2020 20:23
Operator : JU/CG
Sample : L3681-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

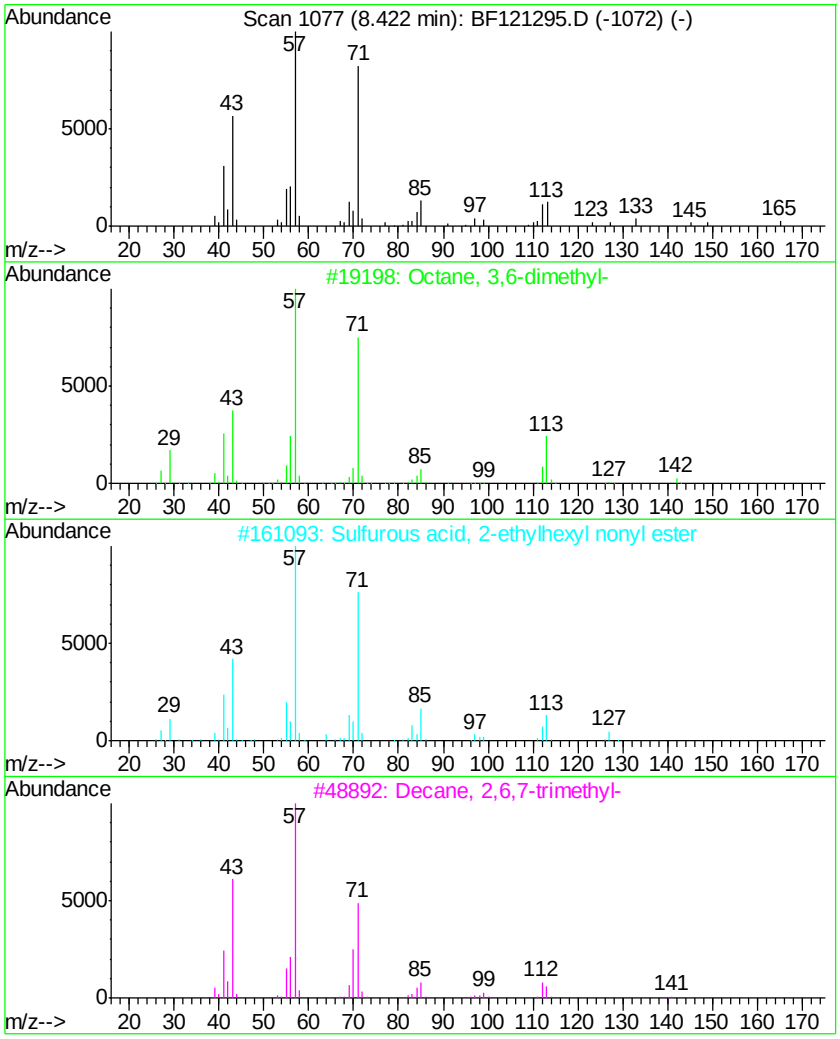
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

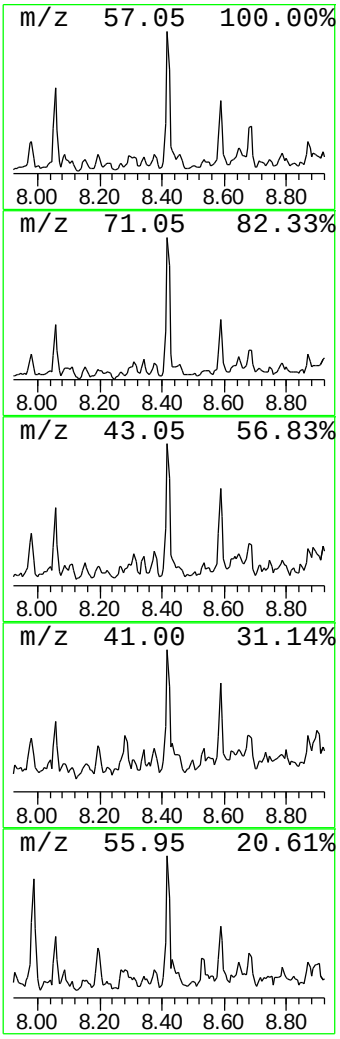
****

Peak Number 1 Octane, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	2.83 ng	91343	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
3	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
4	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	59
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
Data File : BF121295.D
Acq On : 14 Aug 2020 20:23
Operator : JU/CG
Sample : L3681-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

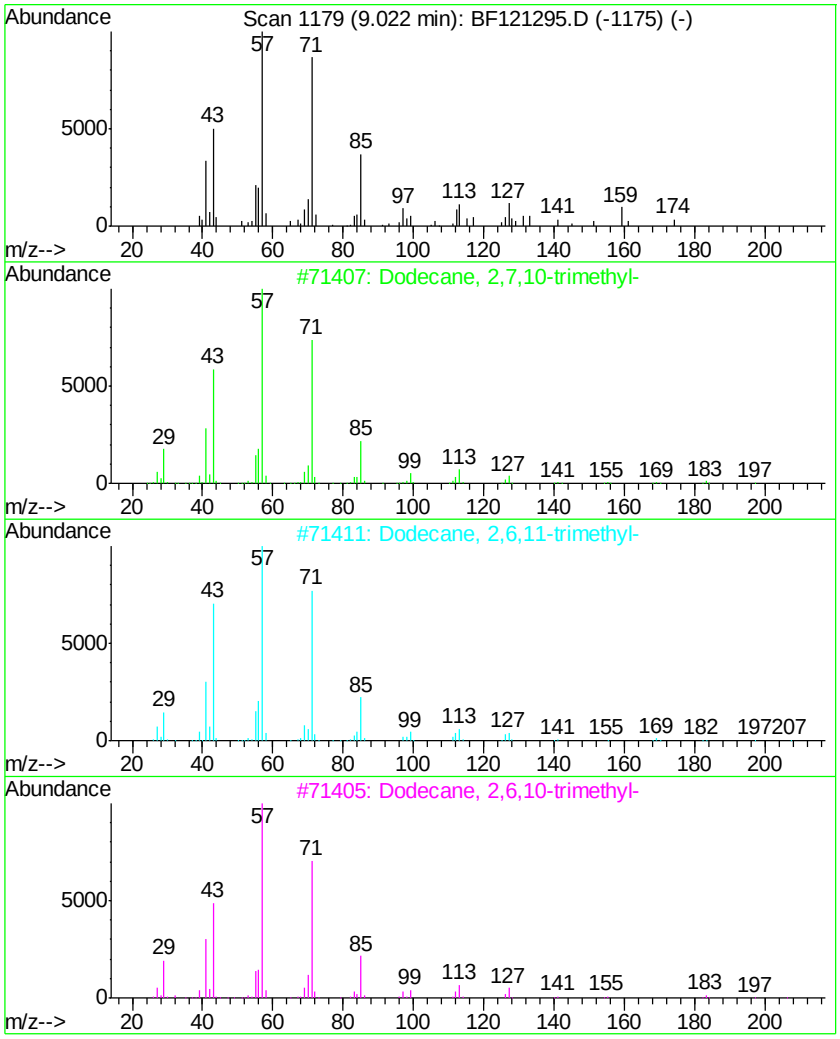
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

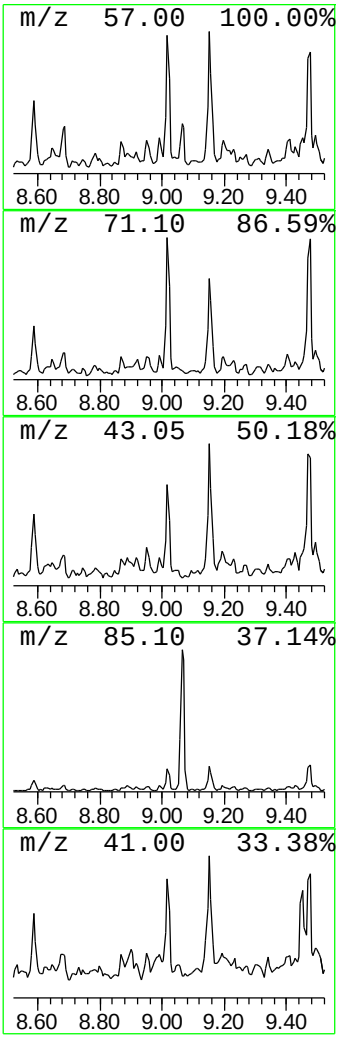
****

Peak Number 2 Dodecane, 2,7,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	2.42 ng	88910	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
4	Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	53
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
Data File : BF121295.D
Acq On : 14 Aug 2020 20:23
Operator : JU/CG
Sample : L3681-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

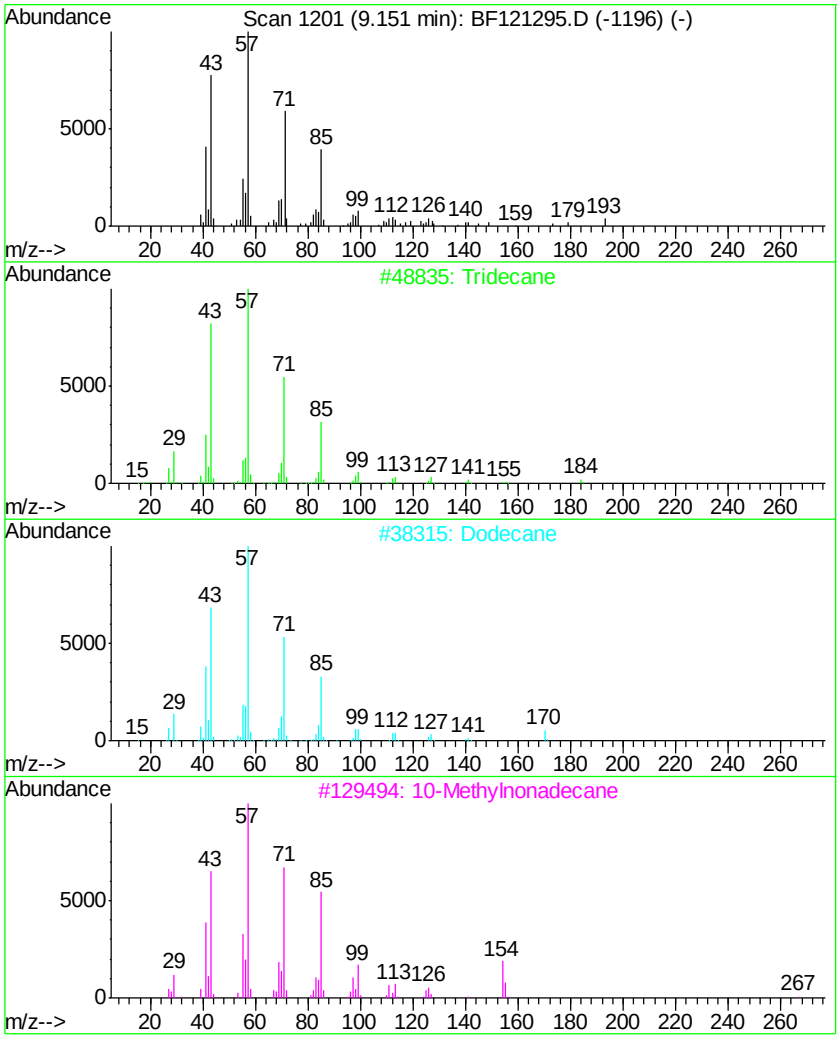
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

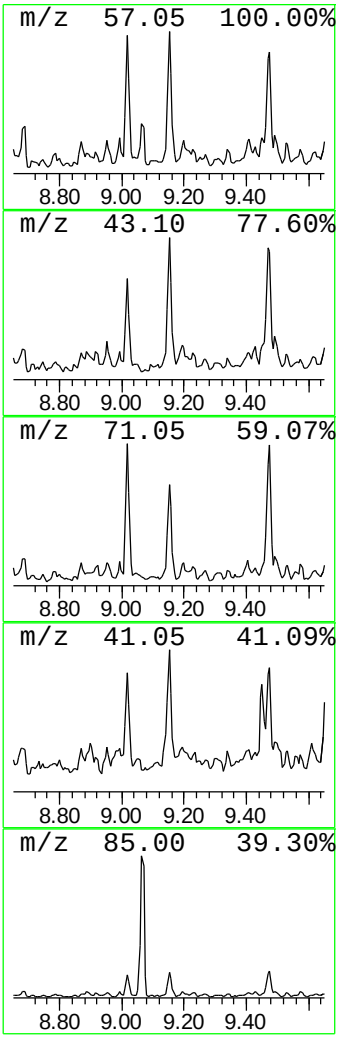
****

Peak Number 3 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	4.31 ng	158397	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Dodecane	170	C12H26	000112-40-3	86
3	10-Methylnonadecane	282	C20H42	056862-62-5	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Pentadecane	212	C15H32	000629-62-9	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
Data File : BF121295.D
Acq On : 14 Aug 2020 20:23
Operator : JU/CG
Sample : L3681-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

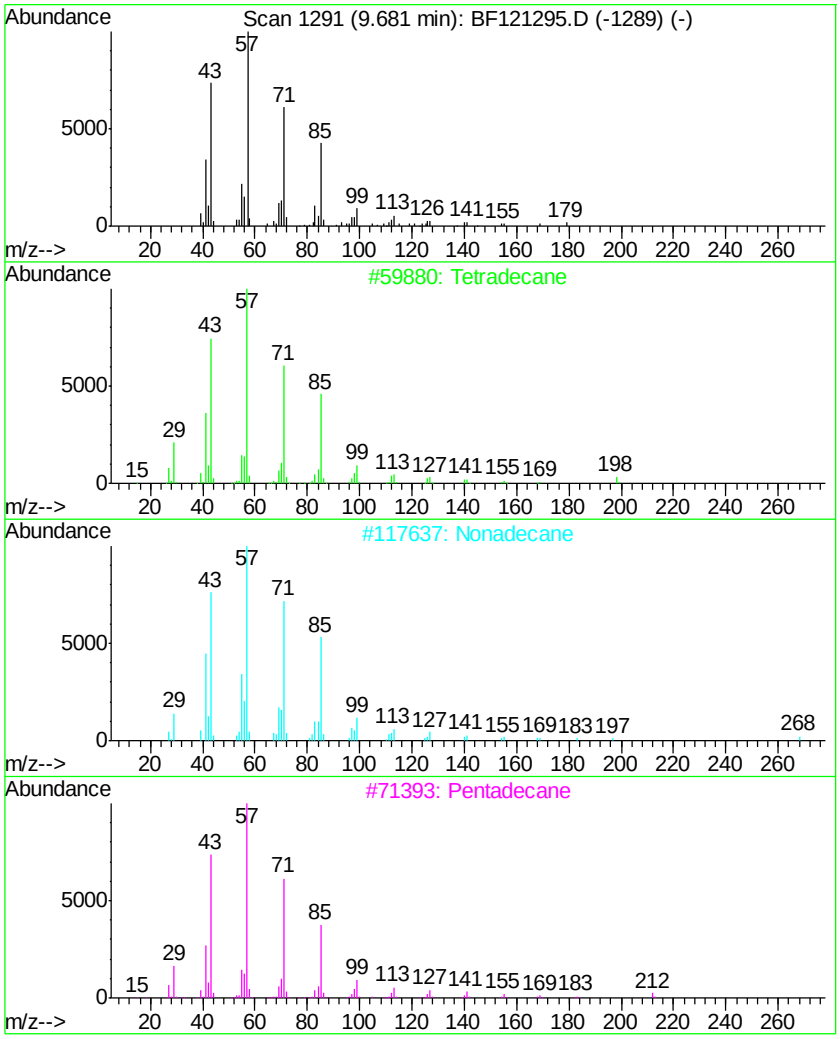
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

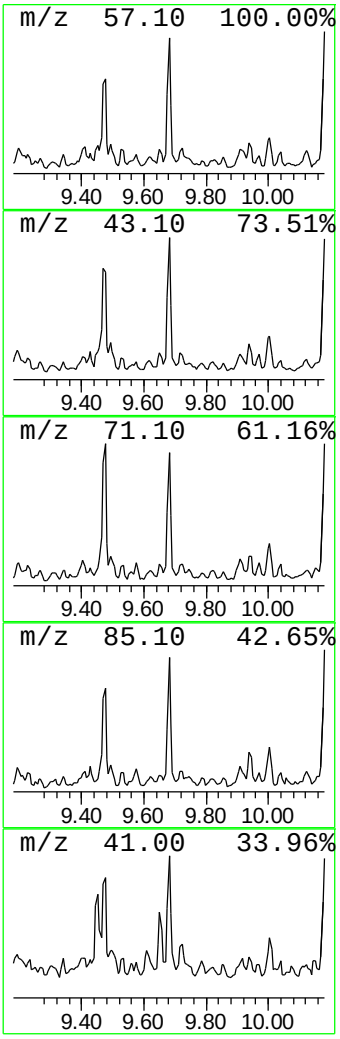
****

Peak Number 4 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	2.98 ng	109438	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Nonadecane	268	C19H40	000629-92-5	87
3	Pentadecane	212	C15H32	000629-62-9	86
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	80
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
Data File : BF121295.D
Acq On : 14 Aug 2020 20:23
Operator : JU/CG
Sample : L3681-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

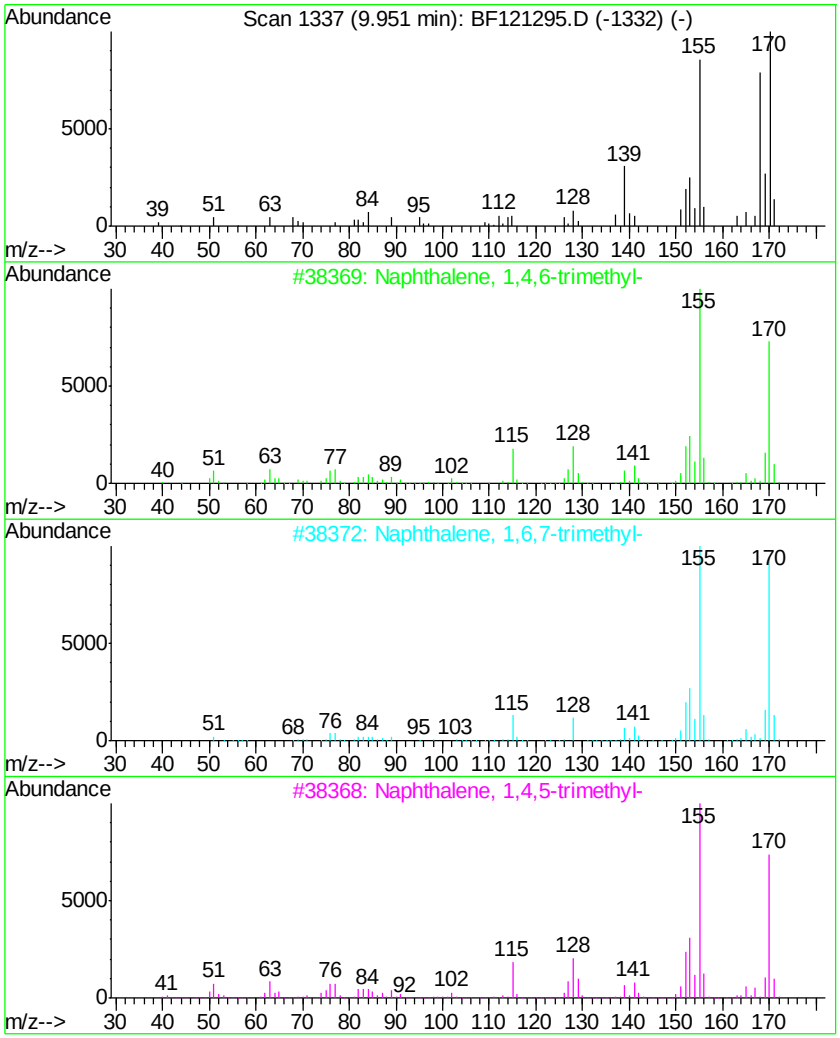
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

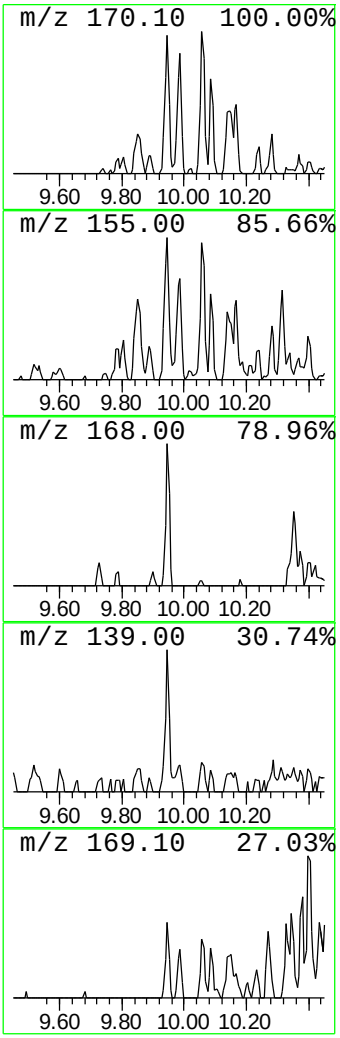
****

Peak Number 5 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	2.03 ng	74461	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
Data File : BF121295.D
Acq On : 14 Aug 2020 20:23
Operator : JU/CG
Sample : L3681-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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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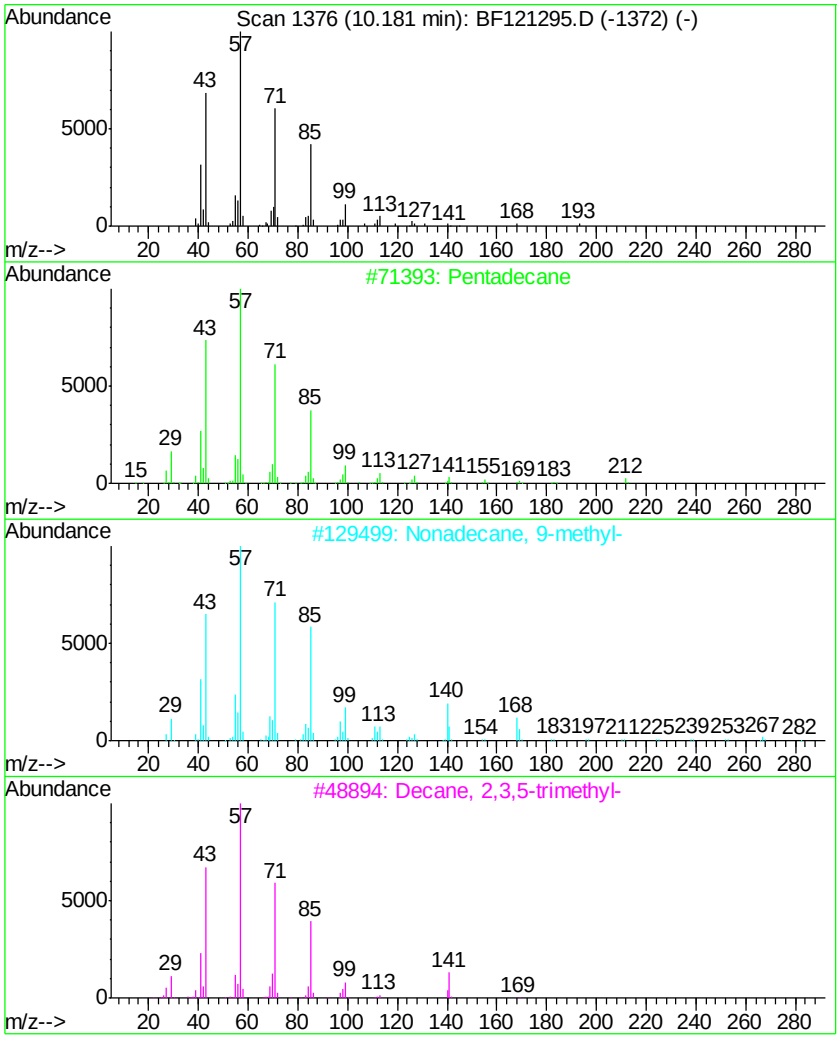
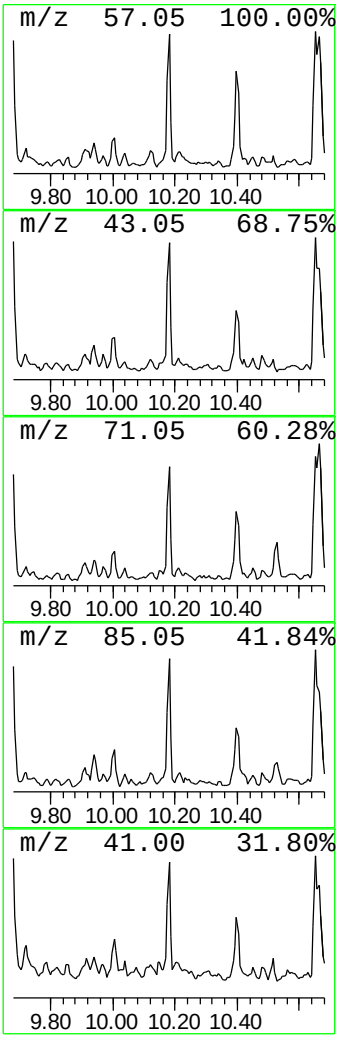
Peak Number 6 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	3.15 ng	115652	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4	Eicosane	282	C20H42	000112-95-8	80
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
Data File : BF121295.D
Acq On : 14 Aug 2020 20:23
Operator : JU/CG
Sample : L3681-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

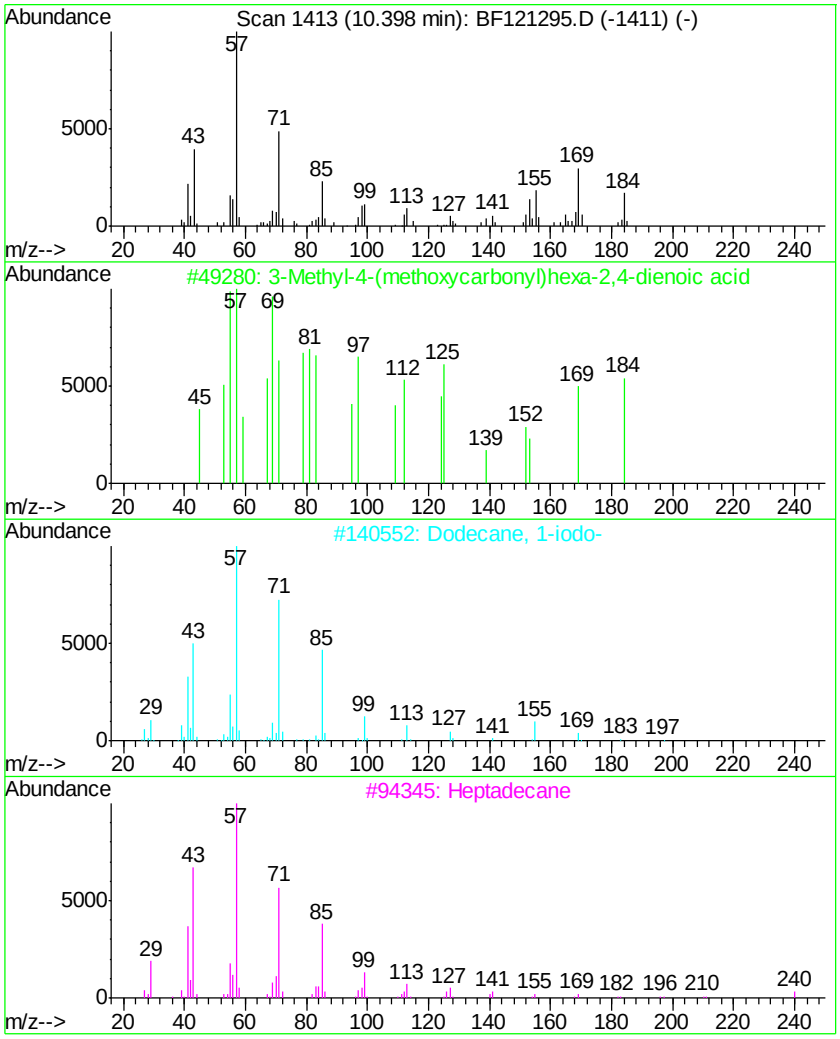
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

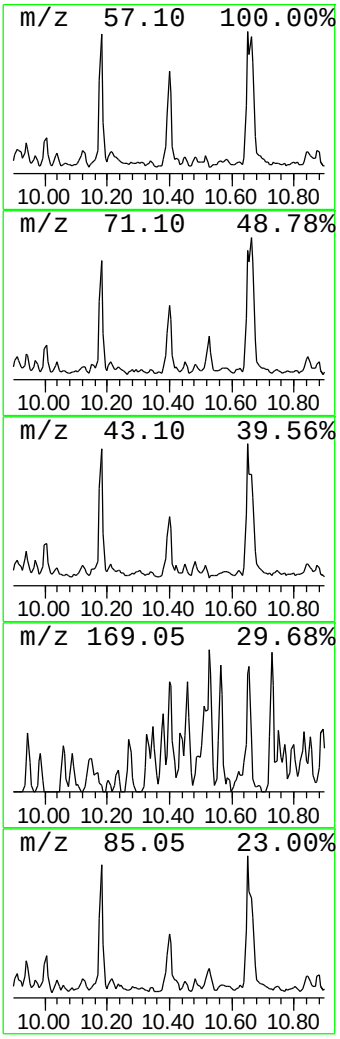
****

Peak Number 7 3-Methyl-4-(methoxycarbonyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	2.71 ng	99792	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	80
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50
3	Heptadecane	240	C17H36	000629-78-7	47
4	Pentacosane	352	C25H52	000629-99-2	47
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	45





Library Search Compound Report

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Data File : BF121295.D
Acq On : 14 Aug 2020 20:23
Operator : JU/CG
Sample : L3681-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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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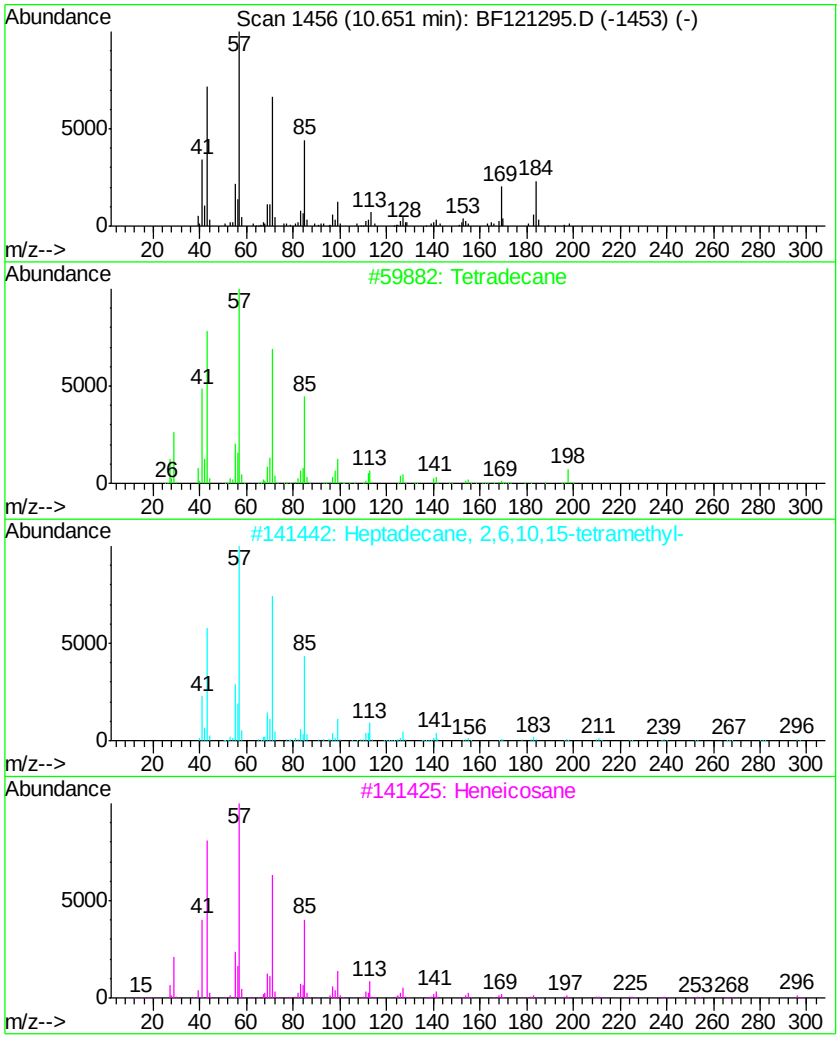
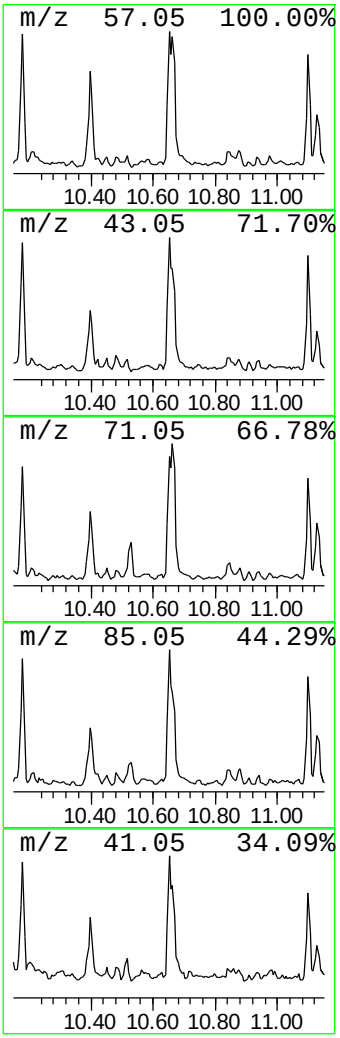
Peak Number 8 Heptadecane, 2,6,10,15-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	6.44 ng	266263	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	83
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
3	Heneicosane	296	C21H44	000629-94-7	58
4	Octacosane	394	C28H58	000630-02-4	58
5	Tetracosane	338	C24H50	000646-31-1	58





Library Search Compound Report

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Data File : BF121295.D
Acq On : 14 Aug 2020 20:23
Operator : JU/CG
Sample : L3681-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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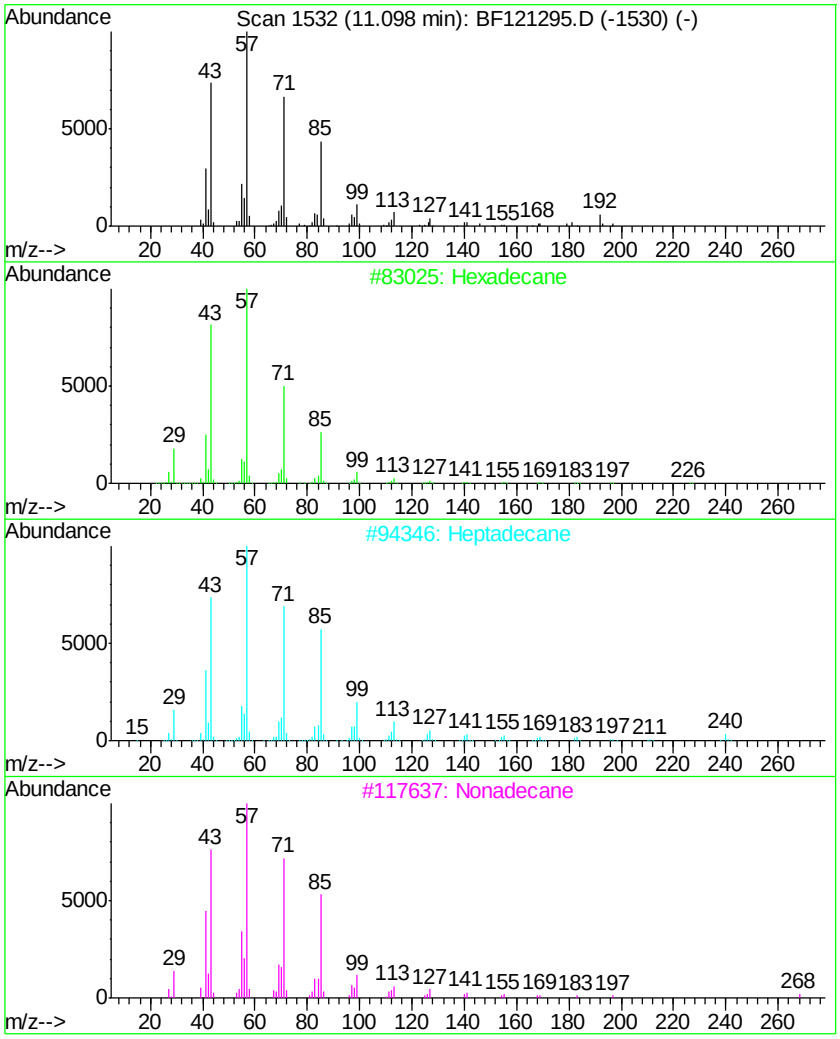
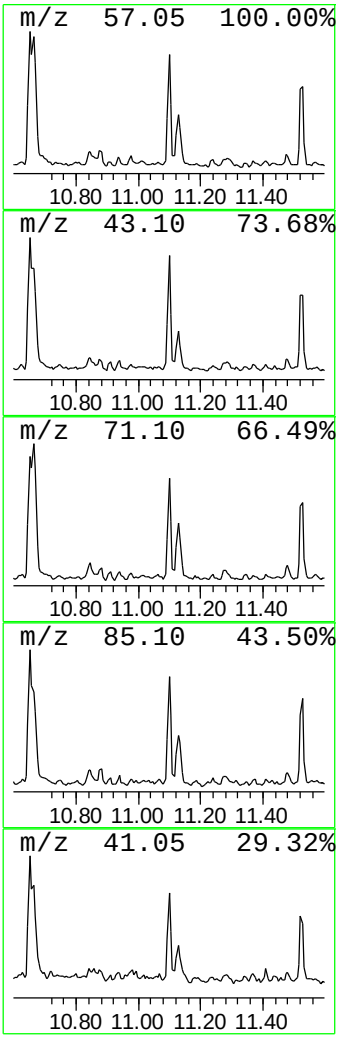
Peak Number 9 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	2.11 ng	87376	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Tetracosane	338	C24H50	000646-31-1	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
Data File : BF121295.D
Acq On : 14 Aug 2020 20:23
Operator : JU/CG
Sample : L3681-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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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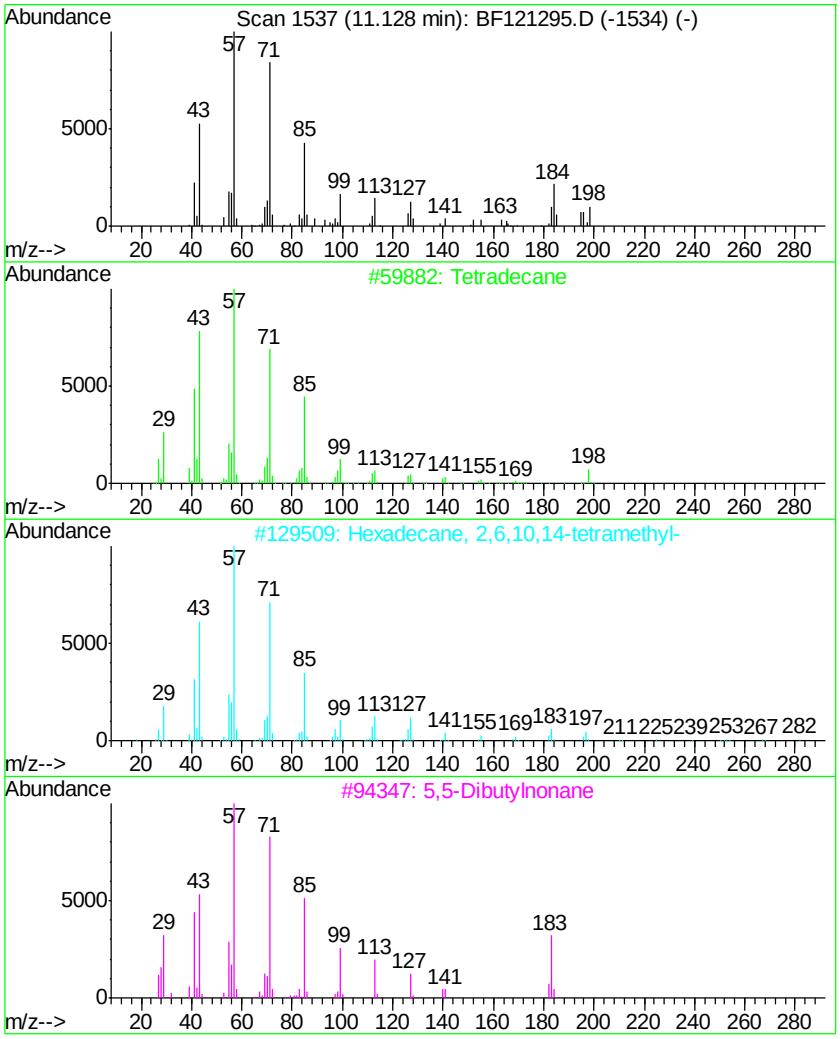
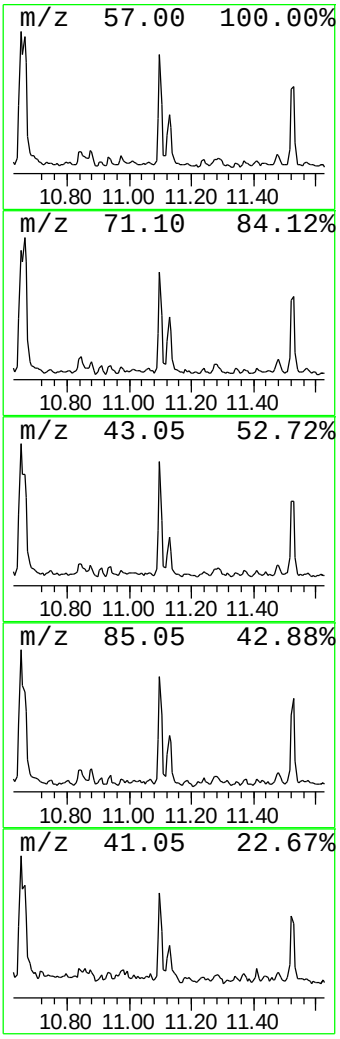
Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	2.53 ng	104480	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3	5,5-Dibutylnonane	240	C17H36	006008-17-9	80
4	Heneicosane	296	C21H44	000629-94-7	59
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59





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Data File : BF121295.D
Acq On : 14 Aug 2020 20:23
Operator : JU/CG
Sample : L3681-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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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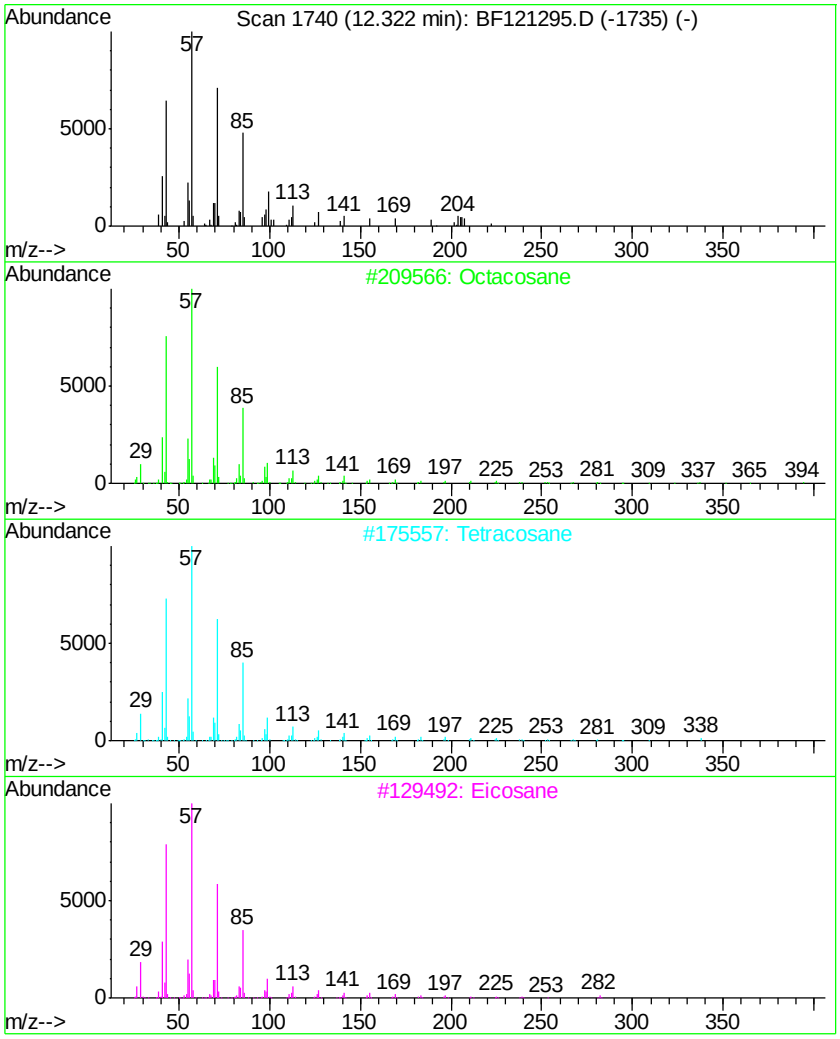
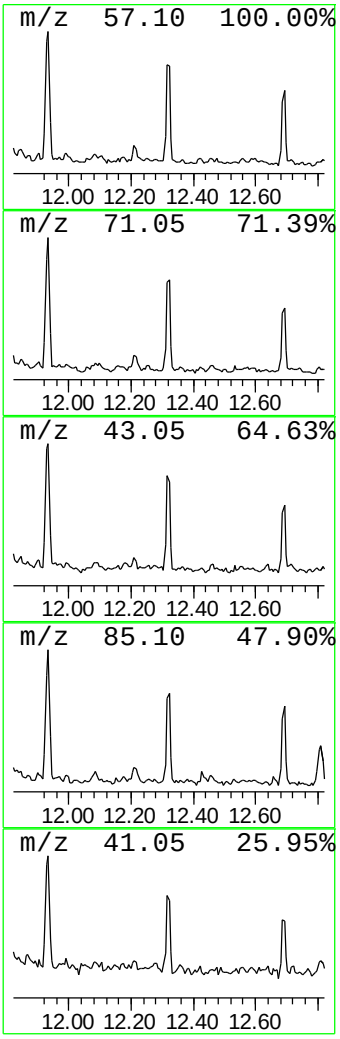
Peak Number 11 Octacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.06 ng	85279	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	62
2	Tetracosane	338	C24H50	000646-31-1	62
3	Eicosane	282	C20H42	000112-95-8	58
4	Heneicosane	296	C21H44	000629-94-7	58
5	Hexacosane	366	C26H54	000630-01-3	58





Library Search Compound Report

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Data File : BF121295.D
Acq On : 14 Aug 2020 20:23
Operator : JU/CG
Sample : L3681-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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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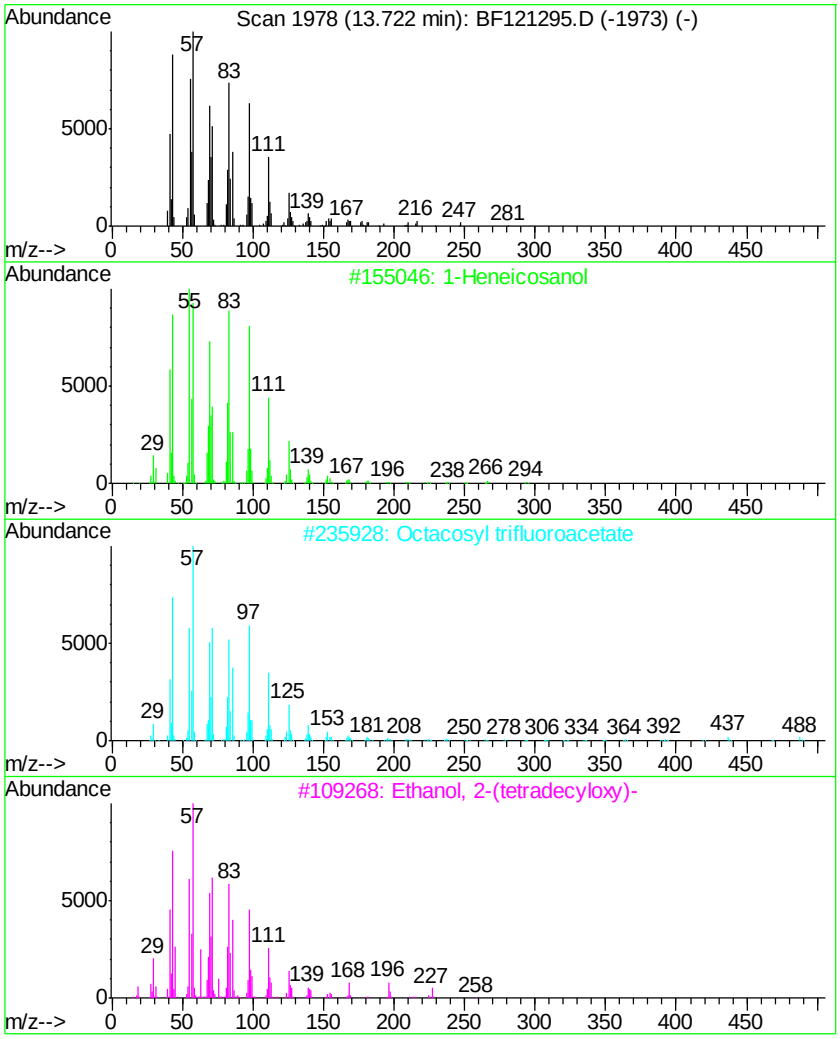
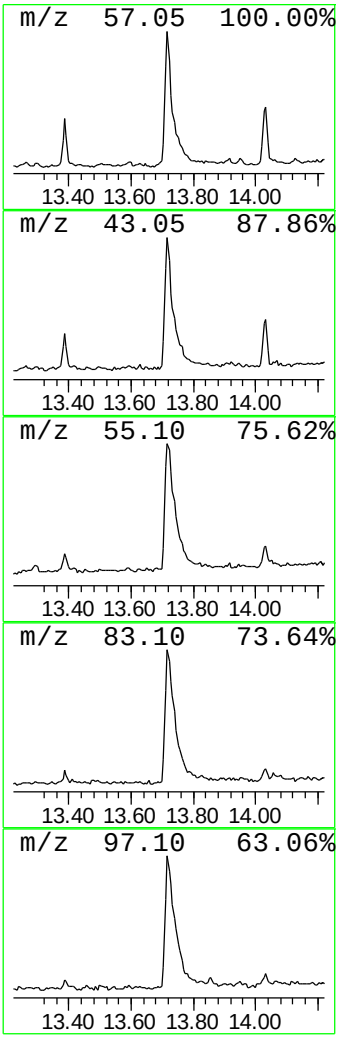
Peak Number 12 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	7.27 ng	408663	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	87
5	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
Data File : BF121295.D
Acq On : 14 Aug 2020 20:23
Operator : JU/CG
Sample : L3681-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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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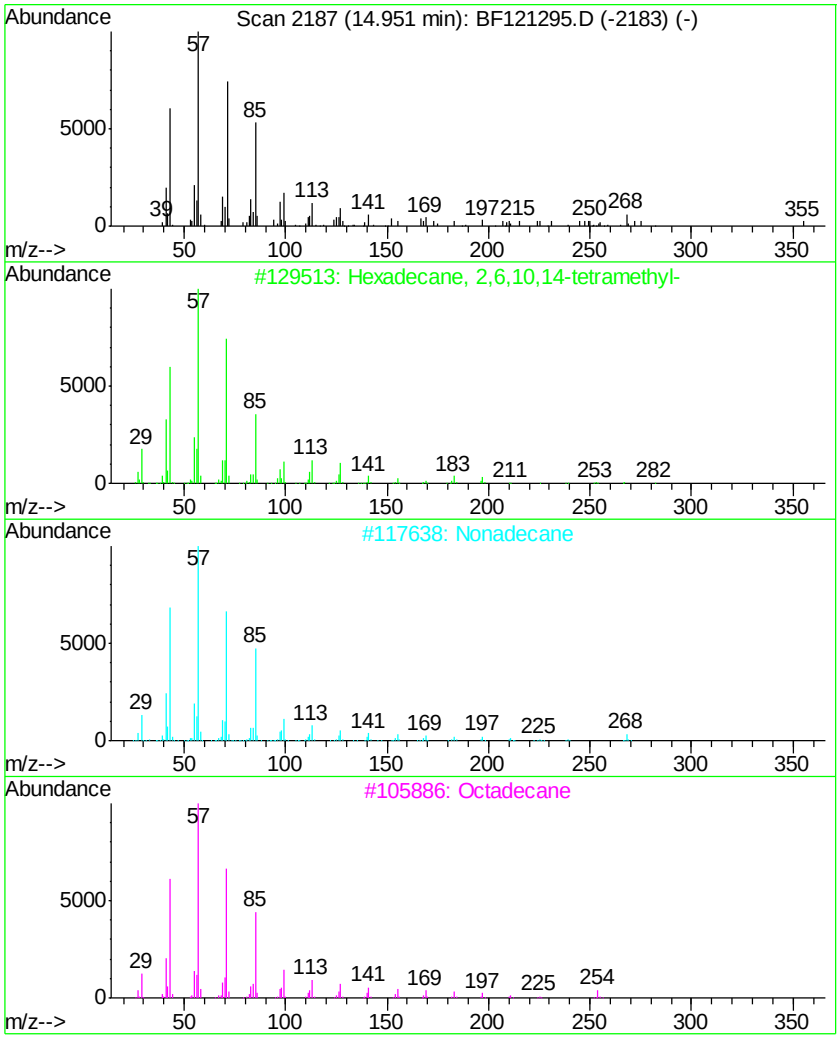
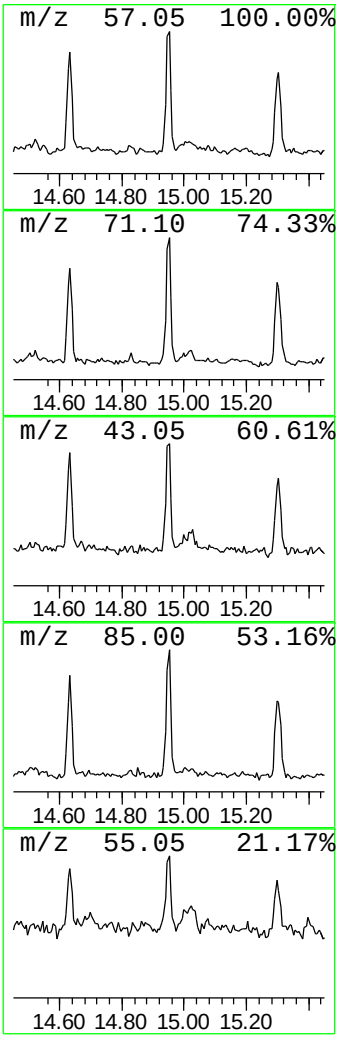
Peak Number 13 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.10 ng	83196	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	96
2	Nonadecane	268	C19H40	000629-92-5	94
3	Octadecane	254	C18H38	000593-45-3	93
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heptadecane	240	C17H36	000629-78-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
Data File : BF121295.D
Acq On : 14 Aug 2020 20:23
Operator : JU/CG
Sample : L3681-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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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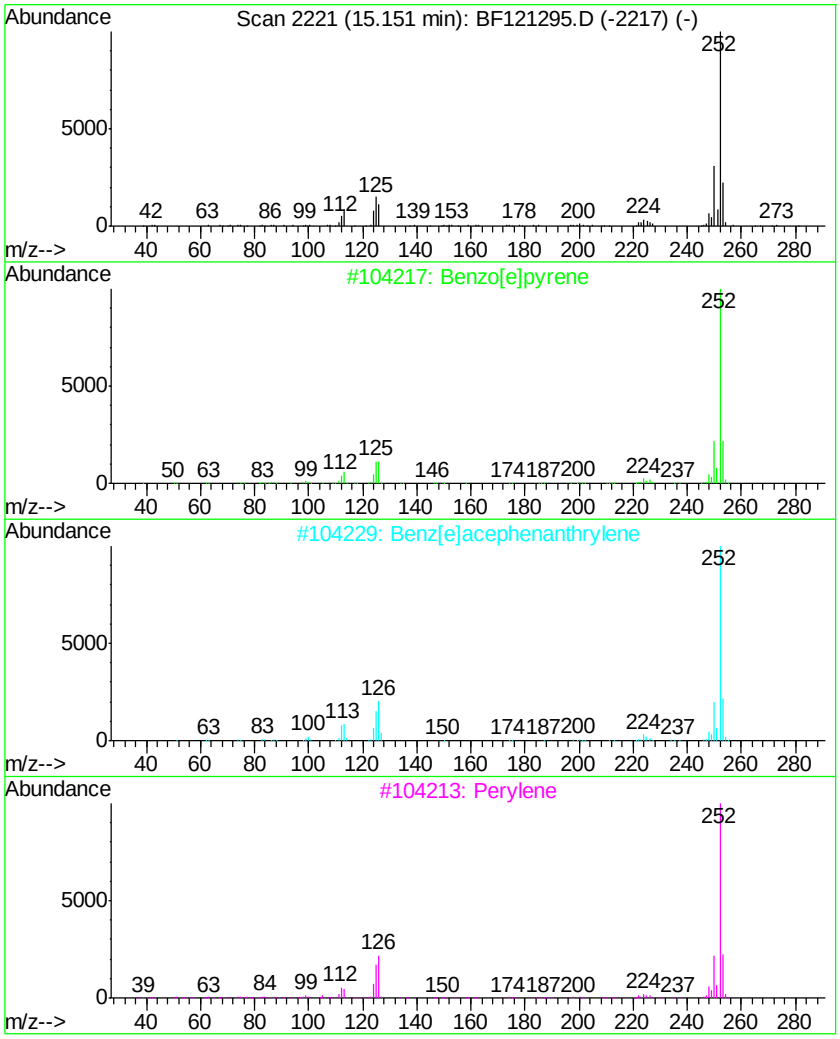
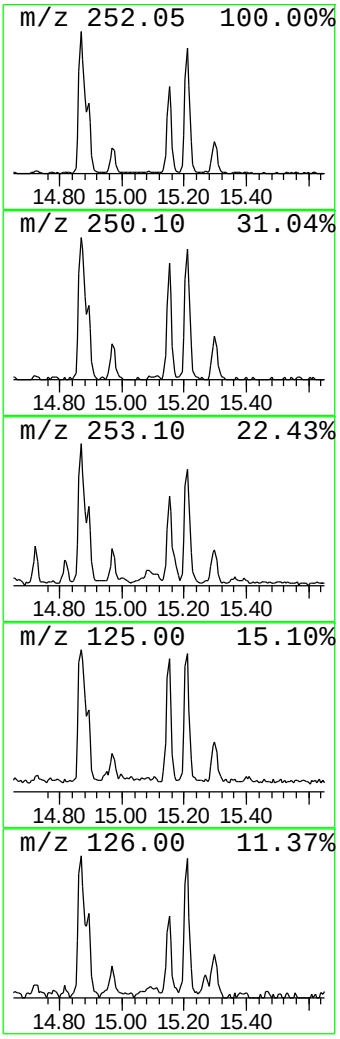
Peak Number 14 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	4.03 ng	159271	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

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Data File : BF121295.D
Acq On : 14 Aug 2020 20:23
Operator : JU/CG
Sample : L3681-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081320.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
Octane, 3,6-dimet...	8.42	2.8	ng	91343	2	7.99	646263	20.0
Dodecane, 2,7,10-...	9.02	2.4	ng	88910	3	9.74	735369	20.0
Tridecane	9.15	4.3	ng	158397	3	9.74	735369	20.0
Tetradecane	9.68	3.0	ng	109438	3	9.74	735369	20.0
Naphthalene, 1,4,...	9.95	2.0	ng	74461	3	9.74	735369	20.0
Pentadecane	10.18	3.1	ng	115652	3	9.74	735369	20.0
3-Methyl-4-(metho...	10.40	2.7	ng	99792	3	9.74	735369	20.0
Heptadecane, 2,6,...	10.65	6.4	ng	266263	4	11.22	827097	20.0
Hexadecane	11.10	2.1	ng	87376	4	11.22	827097	20.0
Hexadecane, 2,6,1...	11.13	2.5	ng	104480	4	11.22	827097	20.0
Octacosane	12.32	2.1	ng	85279	4	11.22	827097	20.0
1-Heneicosanol	13.72	7.3	ng	408663	5	13.86	1124910	20.0
Nonadecane	14.95	2.1	ng	83196	6	15.27	790526	20.0
Benzo[e]pyrene	15.15	4.0	ng	159271	6	15.27	790526	20.0