LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111886.D
Acq On : 7 Jan 2019 19:42
Operator : JU/SJ
Sample : K1036-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-W

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-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.187	13	17	27	rVB2	90107	142343	3.62%	0.241%
2	5.104	508	513	522	rBV	129635	149662	3.81%	0.253%
3	5.522	580	584	600	rBV	2550453	2327408	59.17%	3.935%
4	6.528	751	755	758	rBV	2757640	2336487	59.41%	3.950%
5	6.663	774	778	781	rBV	3057905	2490810	63.33%	4.211%
6	6.887	813	816	823	rVB	1267474	1034665	26.31%	1.749%
7	7.022	835	839	840	rBV	111373	99664	2.53%	0.169%
8	7.045	840	843	846	rVB	2456145	1965140	49.96%	3.322%
9	7.445	906	911	914	rBV	1814808	1540209	39.16%	2.604%
10	7.487	914	918	921	rVV	330455	260359	6.62%	0.440%
11	8.169	1028	1034	1043	rBV2	1463062	1672704	42.53%	2.828%
12	8.763	1131	1135	1138	rBV	141884	108422	2.76%	0.183%
13	9.245	1213	1217	1220	rBV	3008654	2472367	62.86%	4.180%
14	9.286	1221	1224	1227	rVV	138373	111830	2.84%	0.189%
15	9.328	1227	1231	1233	rVV	380348	295560	7.51%	0.500%
16	9.669	1285	1289	1293	rVB	165389	141708	3.60%	0.240%
17	9.857	1316	1321	1324	rVV	326637	277968	7.07%	0.470%
18	9.928	1326	1333	1341	rVB2	1467917	1465364	37.26%	2.477%
19	10.175	1371	1375	1379	rVV	1469069	1175315	29.88%	1.987%
20	10.216	1379	1382	1384	rVV	113313	97934	2.49%	0.166%
21	10.322	1397	1400	1403	rVV	426958	355135	9.03%	0.600%
22	10.357	1403	1406	1408	rVV	475231	374995	9.53%	0.634%
23	10.557	1437	1440	1445	rBV	175560	154342	3.92%	0.261%
24	10.633	1450	1453	1455	rBV2	88366	99326	2.53%	0.168%
25	10.657	1455	1457	1461	rVB2	434615	419506	10.67%	0.709%
26	10.716	1463	1467	1473	rVB	1500354	1437687	36.55%	2.431%
27	10.775	1473	1477	1480	rBV3	64296	94980	2.41%	0.161%
28	10.828	1483	1486	1489	rVB	372329	266303	6.77%	0.450%
29	10.910	1496	1500	1505	rBV2	191856	263398	6.70%	0.445%
30	11.151	1538	1541	1543	rVV	173537	149212	3.79%	0.252%
31	11.175	1543	1545	1551	rVV5	143370	207967	5.29%	0.352%
32	11.251	1555	1558	1560	rVV	365697	347300	8.83%	0.587%
33	11.275	1560	1562	1564	rVV	480804	387130	9.84%	0.655%
34	11.298	1564	1566	1571	rVB	228435	187667	4.77%	0.317%

LSC Area Percent Report

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Acq On : 7 Jan 2019 19:42
Operator : JU/SJ
Sample : K1036-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-W

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-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.410	1582	1585	1589	rVV	1302033	1099827	27.96%	1.859%
36	11.551	1605	1609	1612	rVV	631029	546175	13.89%	0.923%
37	11.586	1612	1615	1619	rVV	167312	159899	4.07%	0.270%
38	11.704	1632	1635	1641	rVB2	316984	356009	9.05%	0.602%
39	11.780	1644	1648	1650	rBV	198400	190464	4.84%	0.322%
40	11.939	1672	1675	1679	rVV2	880036	884933	22.50%	1.496%
41	11.975	1679	1681	1683	rVV2	104260	105221	2.68%	0.178%
42	11.998	1683	1685	1687	rVV	178180	148556	3.78%	0.251%
43	12.027	1687	1690	1694	rVV2	155139	216469	5.50%	0.366%
44	12.063	1694	1696	1698	rVV	169408	159475	4.05%	0.270%
45	12.086	1698	1700	1702	rVV	412603	342970	8.72%	0.580%
46	12.110	1702	1704	1706	rVV	341619	257631	6.55%	0.436%
47	12.133	1706	1708	1711	rVB	216528	173767	4.42%	0.294%
48	12.357	1741	1746	1748	rBV	552182	516768	13.14%	0.874%
49	12.422	1754	1757	1760	rBV2	175267	155191	3.95%	0.262%
50	12.451	1760	1762	1765	rVB	113835	105528	2.68%	0.178%
51	12.498	1768	1770	1773	rVB	259324	196119	4.99%	0.332%
52	12.569	1779	1782	1784	rBV	164407	142242	3.62%	0.240%
53	12.722	1805	1808	1810	rBV	261290	238086	6.05%	0.403%
54	12.769	1814	1816	1819	rVB	128697	110107	2.80%	0.186%
55	12.804	1819	1822	1824	rBV2	148018	148238	3.77%	0.251%
56	12.833	1824	1827	1828	rVV3	111539	130024	3.31%	0.220%
57	12.851	1828	1830	1832	rVV	422149	353516	8.99%	0.598%
58	12.898	1835	1838	1842	rVB2	206890	244294	6.21%	0.413%
59	12.992	1849	1854	1858	rBV	2452137	2304718	58.60%	3.897%
60	13.098	1866	1872	1875	rBV	537822	512539	13.03%	0.867%
61	13.127	1875	1877	1880	rVB	118777	105430	2.68%	0.178%
62	13.180	1883	1886	1890	rVB3	163450	183759	4.67%	0.311%
63	13.227	1890	1894	1896	rBV	274584	286744	7.29%	0.485%
64	13.292	1902	1905	1910	rVB	203668	206439	5.25%	0.349%
65	13.463	1930	1934	1935	rBV2	331073	397740	10.11%	0.672%
66	13.551	1938	1949	1956	rVV2	1101023	3933125	100.00%	6.650%
67	13.774	1984	1987	1990	rVV	603467	512951	13.04%	0.867%
68	13.821	1993	1995	1998	rVV	170768	141836	3.61%	0.240%
69	13.868	2000	2003	2005	rBV2	267171	267889	6.81%	0.453%
70	13.892	2005	2007	2011	rVV	324032	354622	9.02%	0.600%
71	13.957	2013	2018	2021	rVV2	284902	520147	13.22%	0.879%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1036-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-W

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	14.027	2021	2030	2031	rVV3	927500	2116787	53.82%	3.579%
73	14.051	2031	2034	2043	rVB	1695896	1975517	50.23%	3.340%
74	14.121	2043	2046	2049	rBV2	134312	166227	4.23%	0.281%
75	14.168	2052	2054	2056	rVV	101757	97314	2.47%	0.165%
76	14.198	2056	2059	2064	rVB3	316651	469806	11.94%	0.794%
77	14.251	2064	2068	2071	rVB2	218116	233859	5.95%	0.395%
78	14.304	2075	2077	2081	rBV	109857	106248	2.70%	0.180%
79	14.363	2082	2087	2091	rBV6	100306	222078	5.65%	0.375%
80	14.404	2091	2094	2099	rVV	529849	488891	12.43%	0.827%
81	14.463	2101	2104	2106	rVB	148918	144068	3.66%	0.244%
82	14.515	2107	2113	2116	rBV2	551070	569027	14.47%	0.962%
83	14.574	2120	2123	2126	rVB	232547	247008	6.28%	0.418%
84	14.663	2133	2138	2142	rVB4	105358	192527	4.90%	0.326%
85	14.745	2148	2152	2154	rBV2	134883	157963	4.02%	0.267%
86	14.815	2158	2164	2169	rBV5	409040	942807	23.97%	1.594%
87	14.880	2172	2175	2178	rVB	183308	185104	4.71%	0.313%
88	15.039	2199	2202	2209	rVB	505410	572401	14.55%	0.968%
89	15.121	2213	2216	2218	rBV	118954	116635	2.97%	0.197%
90	15.168	2221	2224	2230	rVV2	352706	623654	15.86%	1.054%
91	15.245	2233	2237	2241	rBV	245912	334413	8.50%	0.565%
92	15.533	2281	2286	2295	rVB2	1343548	2396878	60.94%	4.052%
93	15.633	2300	2303	2307	rVB	197532	254229	6.46%	0.430%
94	15.810	2328	2333	2341	rVB2	1180280	2030722	51.63%	3.433%
95	15.951	2354	2357	2361	rBV2	99470	159218	4.05%	0.269%
96	16.004	2362	2366	2370	rVV	230764	339629	8.64%	0.574%
97	16.104	2379	2383	2391	rBV2	104264	233175	5.93%	0.394%
98	16.504	2446	2451	2461	rVB6	212749	507188	12.90%	0.857%
99	16.886	2512	2516	2523	rVB2	206232	385558	9.80%	0.652%
100	18.233	2737	2745	2757	rVB2	509101	1258156	31.99%	2.127%

Sum of corrected areas: 59147402

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111886.D
Acq On : 7 Jan 2019 19:42
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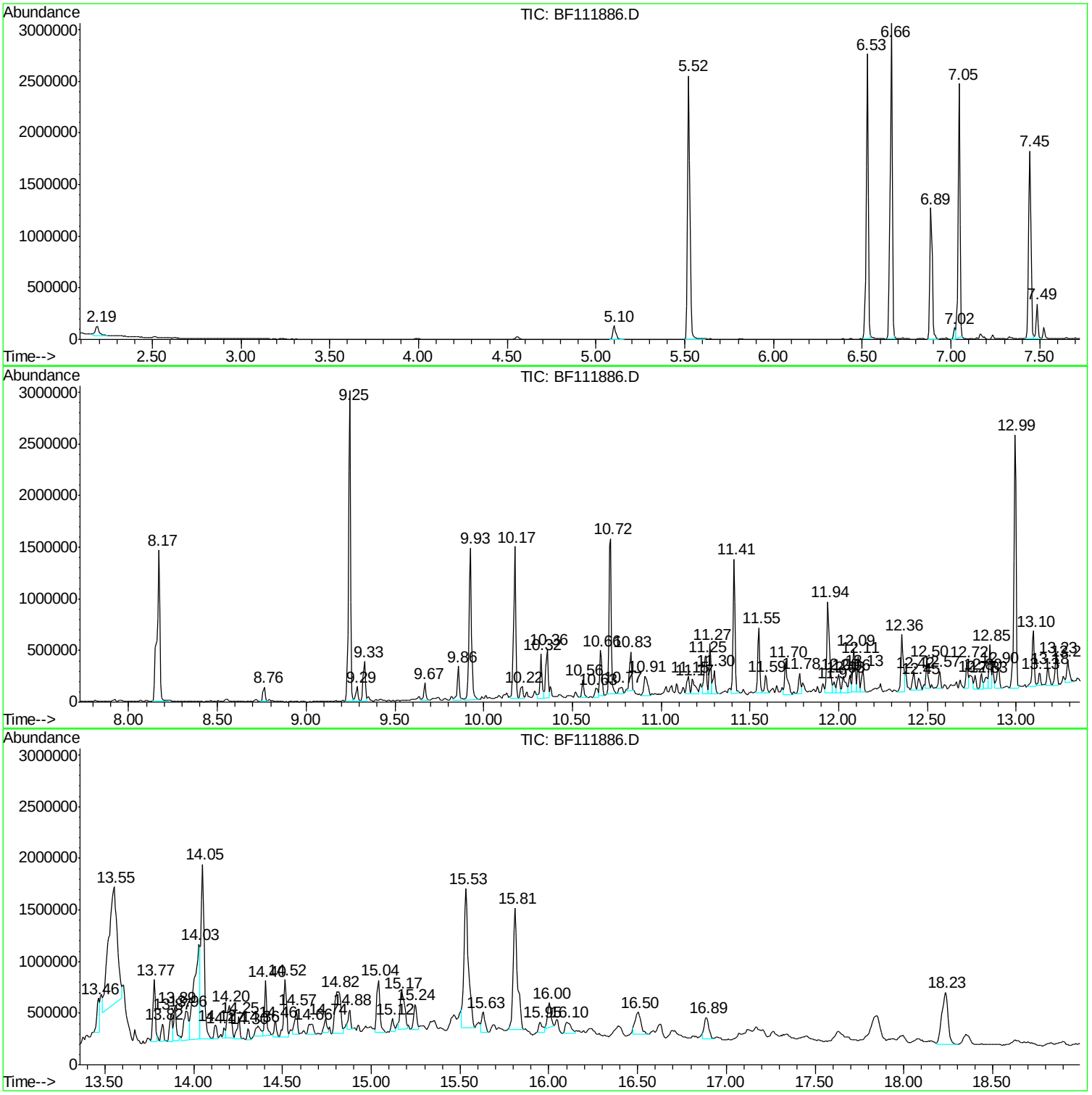
Sample : K1036-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-W

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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\BF010719\
Data File : BF111886.D
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Operator : JU/SJ
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Instrument : BNA_F
ClientSampleId : 13-W

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

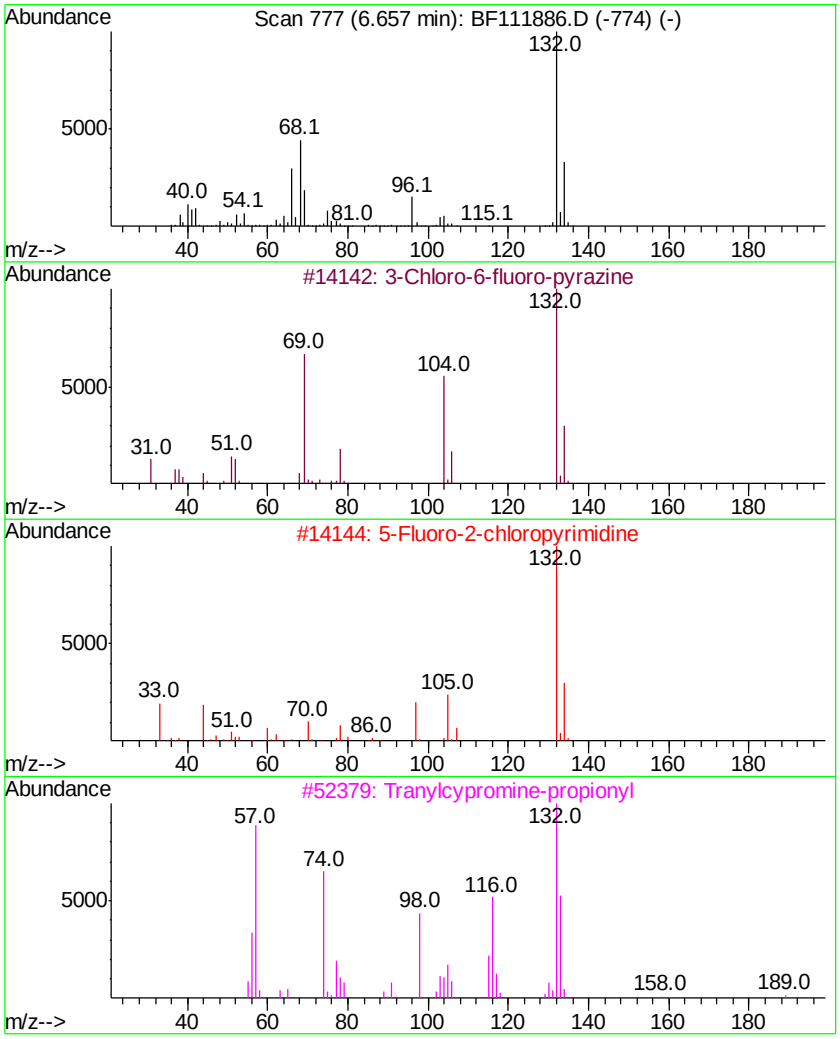
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

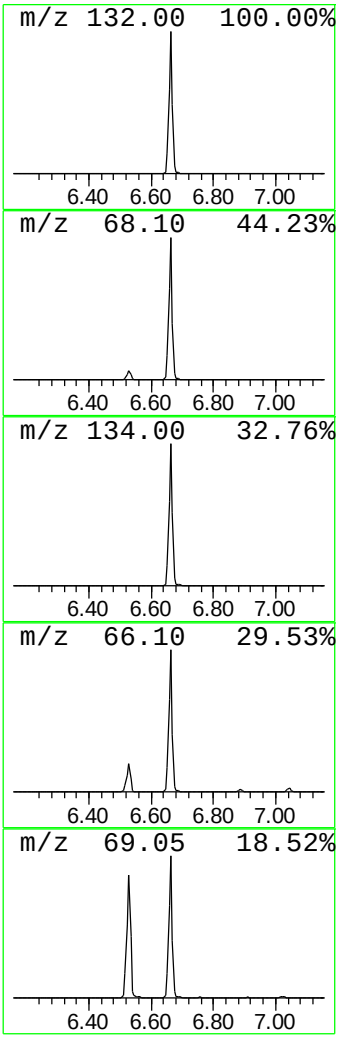
****

Peak Number 1 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	48.15 ng	2490810	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Sample : K1036-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-W

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

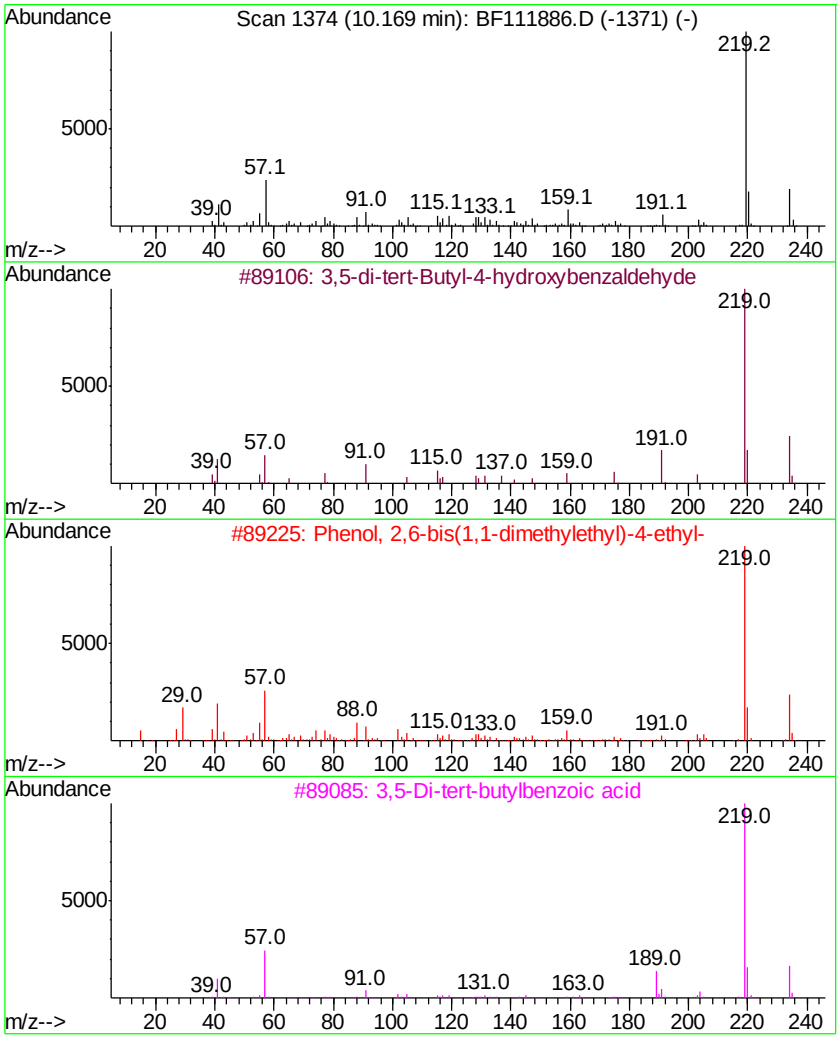
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

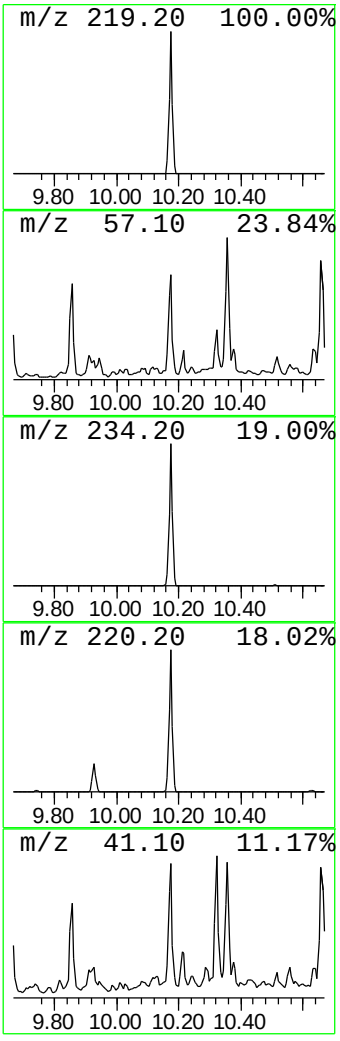
****

Peak Number 3 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	16.04 ng	1175320	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	93
2	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	91
3	3,5-Di-tert-butylbenzoic acid	234	C15H22O2	016225-26-6	83
4	4-tert-Butyl-2,6-diisopropylphenol	234	C16H26O	057354-65-1	74
5	5H-Indolo(2,3-b)quinoxaline	219	C14H9N3	000243-59-4	53





Library Search Compound Report

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Misc :
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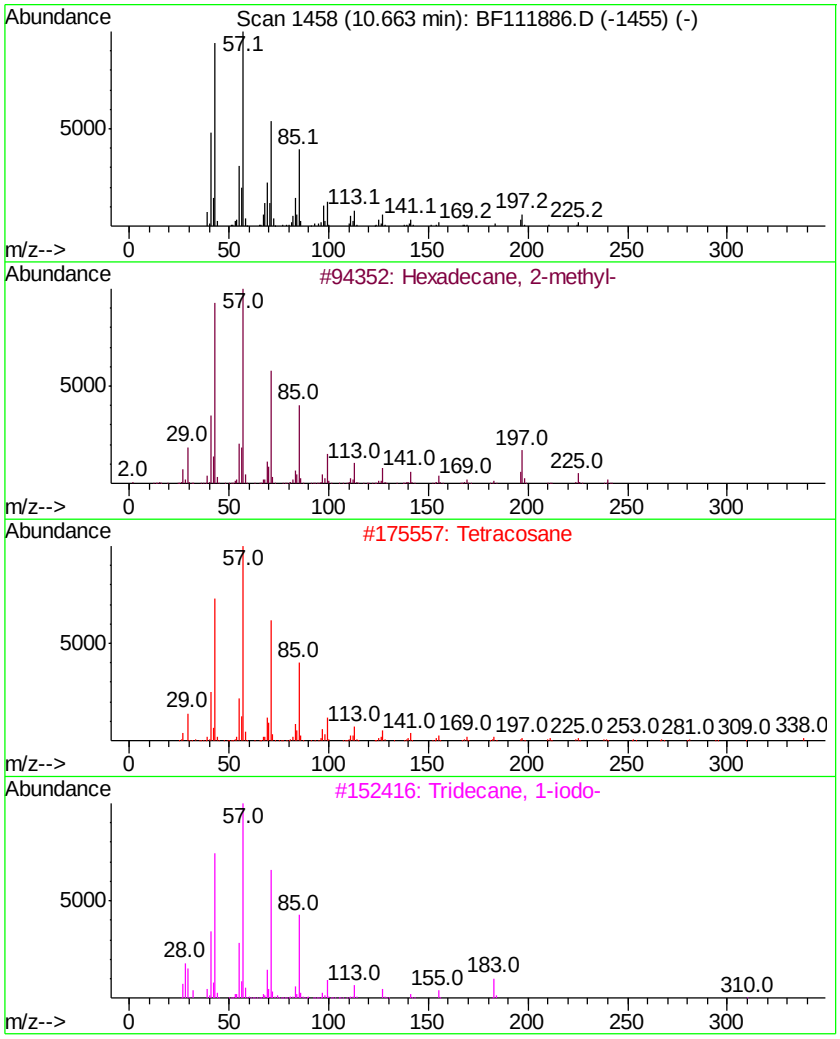
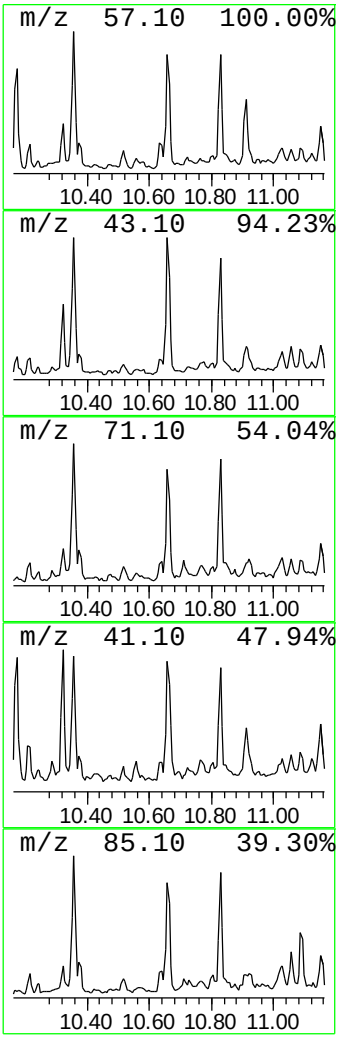
****

Peak Number 4 Hexadecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	5.73 ng	419506	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : 13-W

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

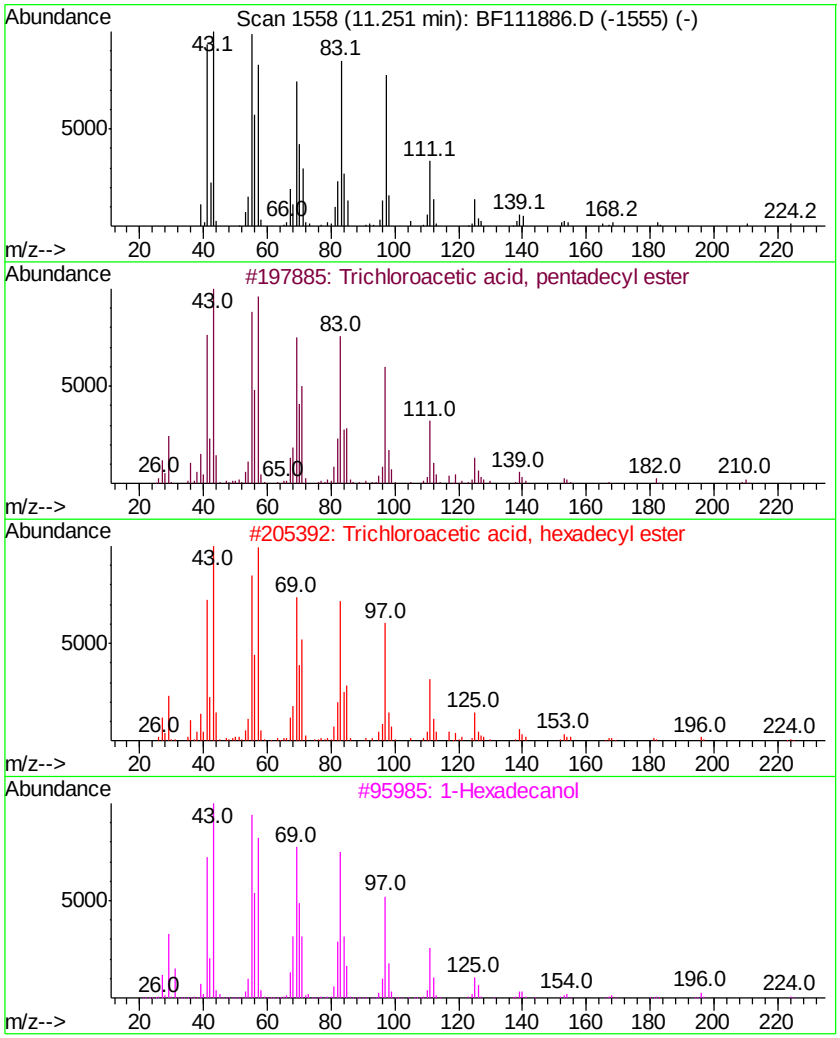
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

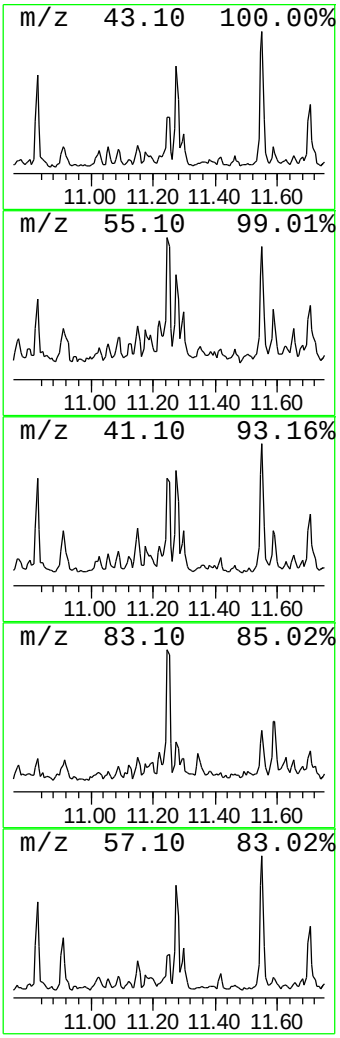
****

Peak Number 5 Trichloroacetic acid, penta... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	6.32 ng	347300	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	90
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	87





Library Search Compound Report

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Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : 13-W

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

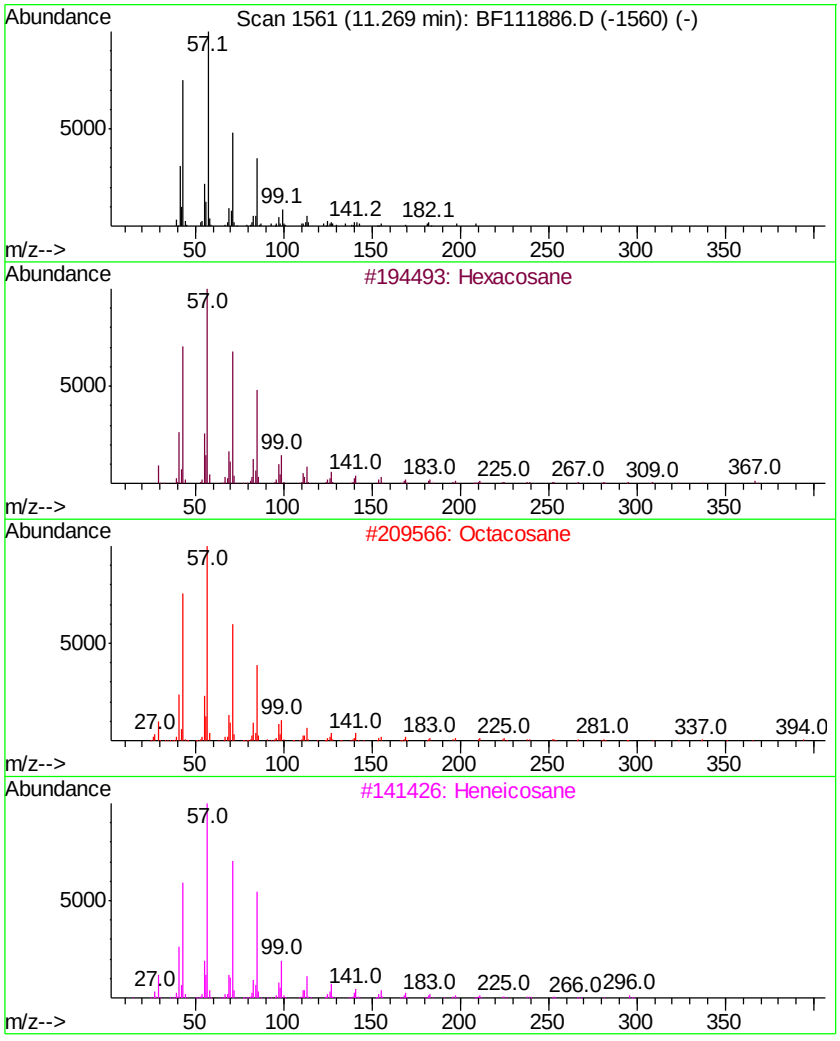
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

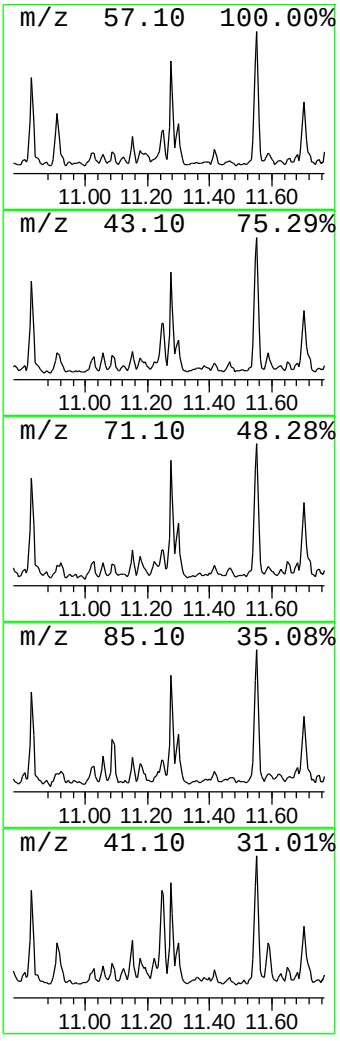
****

Peak Number 6 Hexacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	7.04 ng	387130	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexadecane	226	C16H34	000544-76-3	87





Library Search Compound Report

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Data File : BF111886.D
Acq On : 7 Jan 2019 19:42
Operator : JU/SJ
Sample : K1036-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-W

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

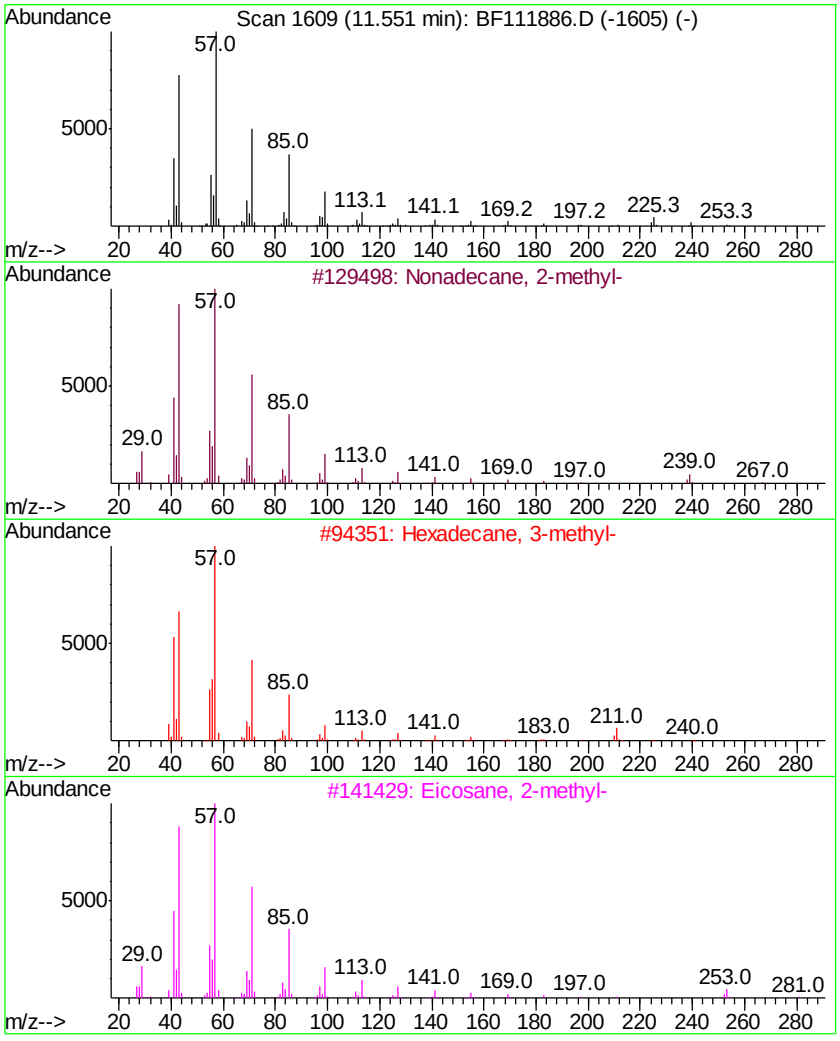
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

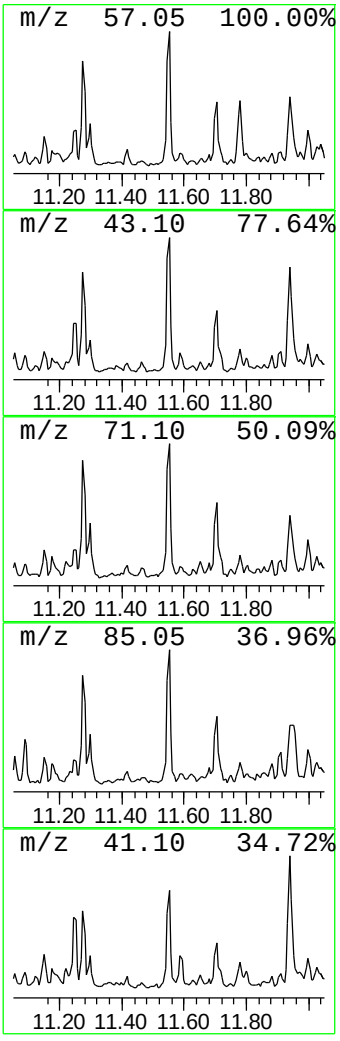
****

Peak Number 7 Nonadecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	9.93 ng	546175	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	87
4	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	87
5	Docosane	310	C22H46	000629-97-0	86





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Data File : BF111886.D
Acq On : 7 Jan 2019 19:42
Operator : JU/SJ
Sample : K1036-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-W

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

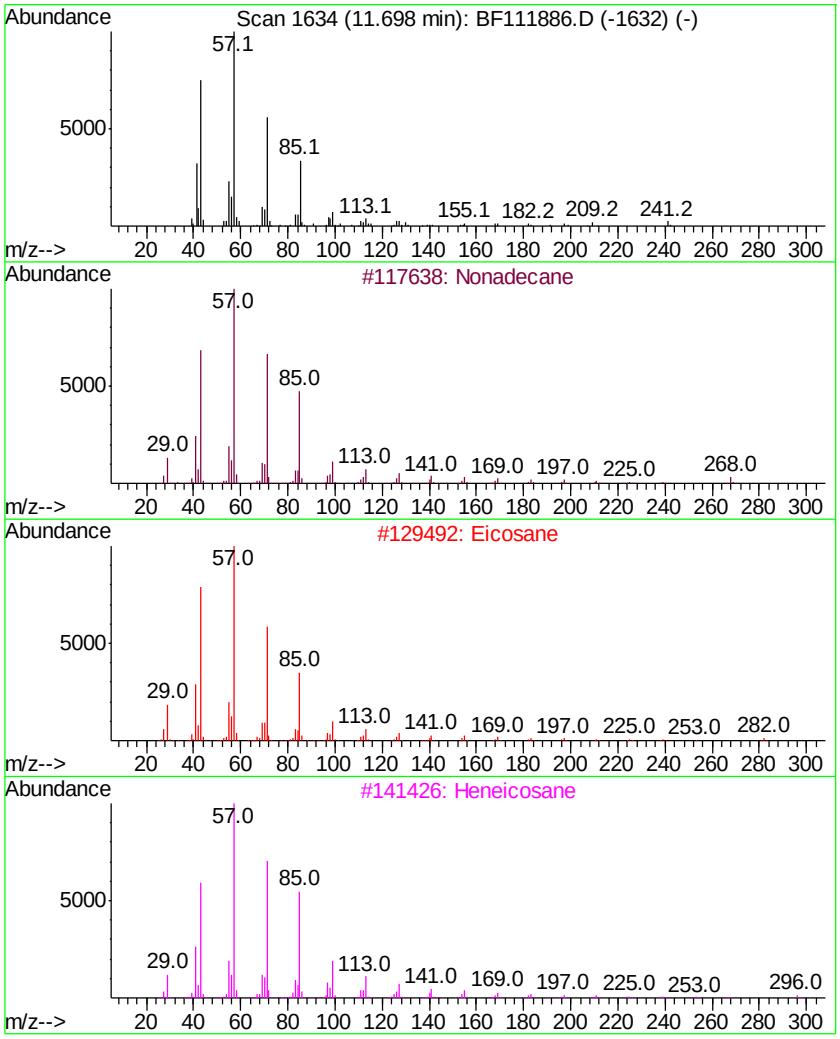
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

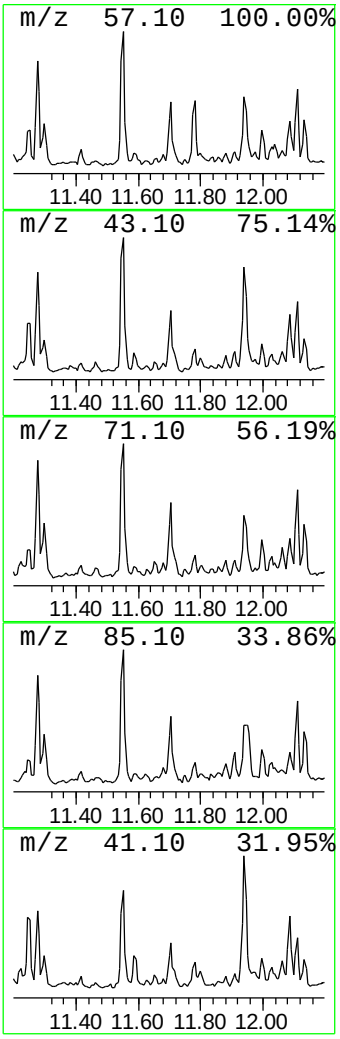
****

Peak Number 8 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	6.47 ng	356009	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Eicosane	282	C20H42	000112-95-8	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90





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Sample : K1036-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-W

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

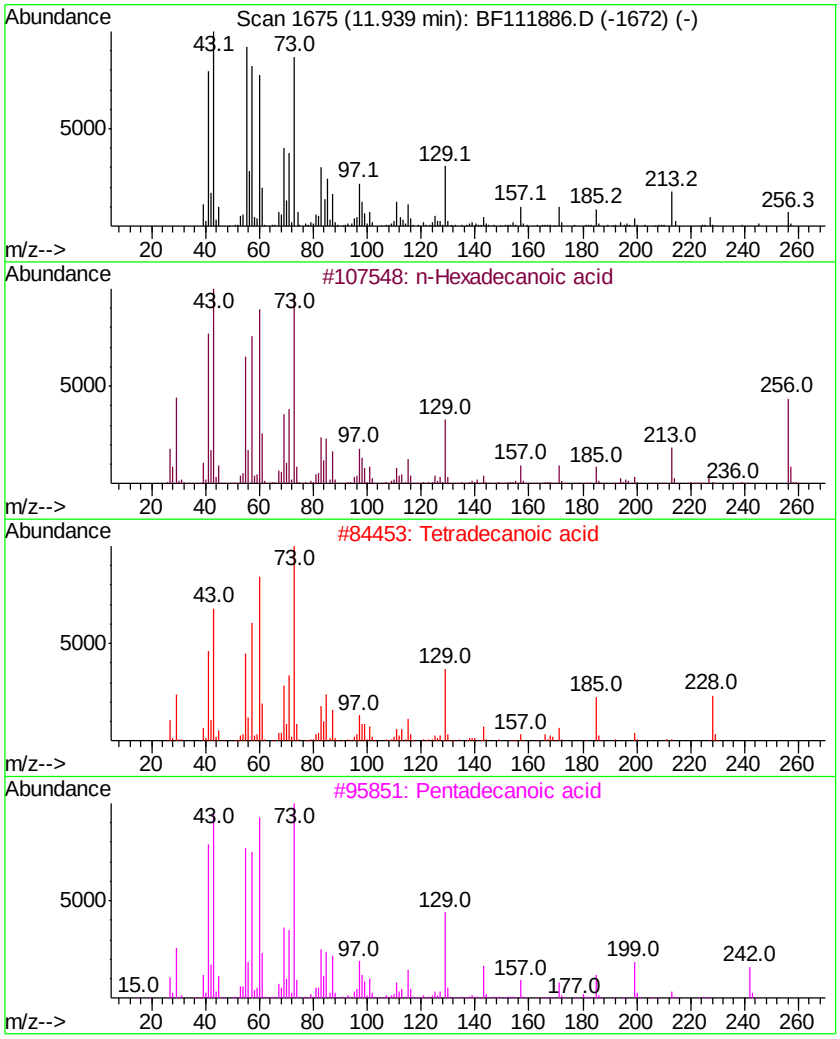
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

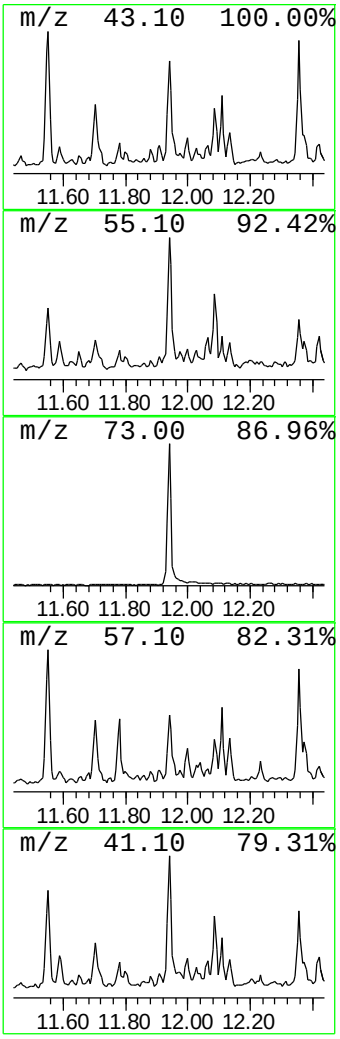
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	16.09 ng	884933	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Dodecanoic acid	200	C12H24O2	000143-07-7	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Library Search Compound Report

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Data File : BF111886.D
Acq On : 7 Jan 2019 19:42
Operator : JU/SJ
Sample : K1036-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-W

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

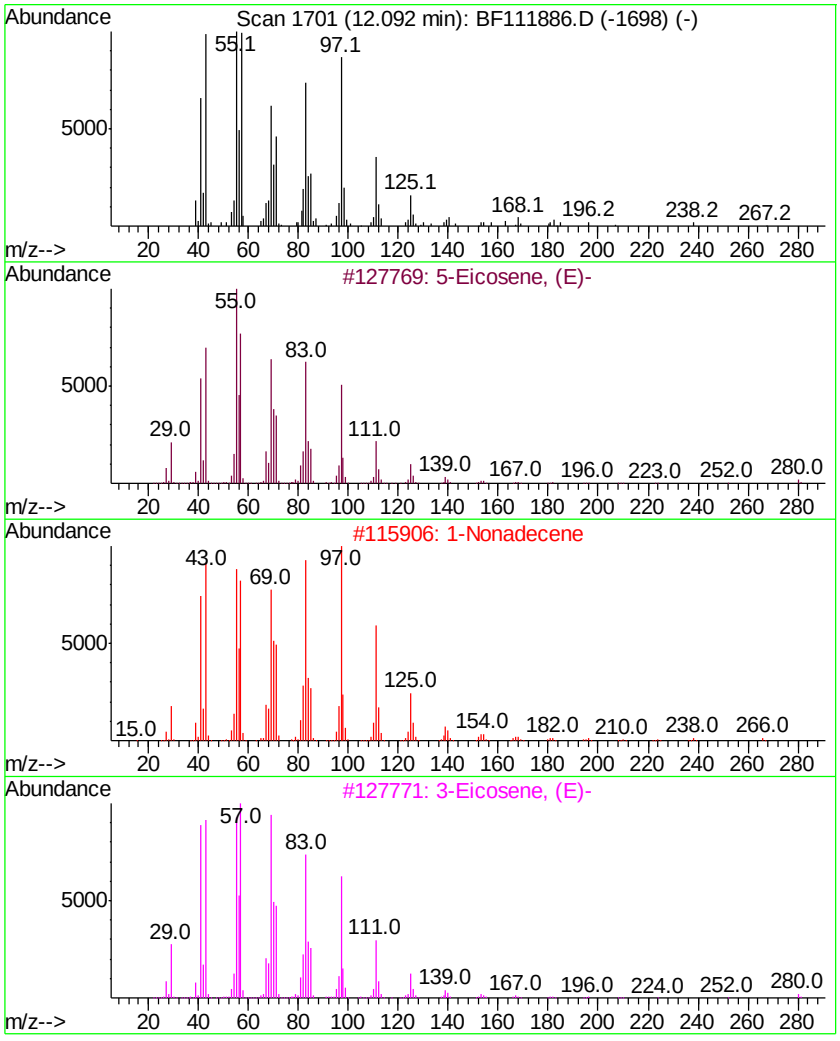
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

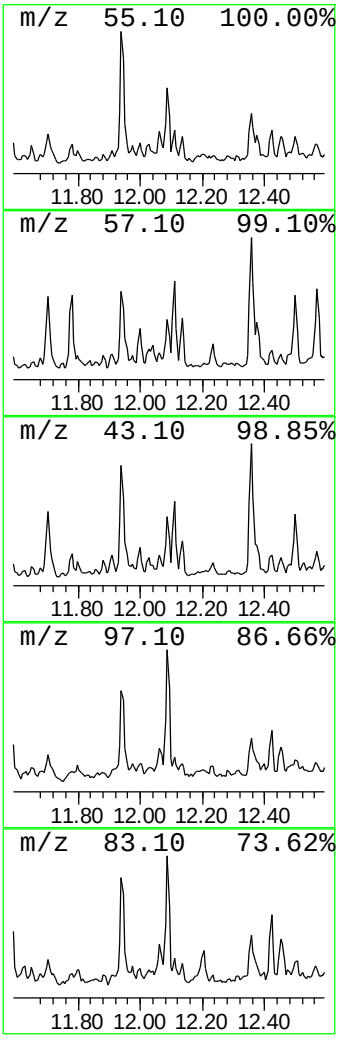
****

Peak Number 10 5-Eicosene, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	6.24 ng	342970	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	11-Tricosene	322	C23H46	052078-56-5	91
5	1-Docosene	308	C22H44	001599-67-3	91





Library Search Compound Report

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Data File : BF111886.D
Acq On : 7 Jan 2019 19:42
Operator : JU/SJ
Sample : K1036-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-W

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

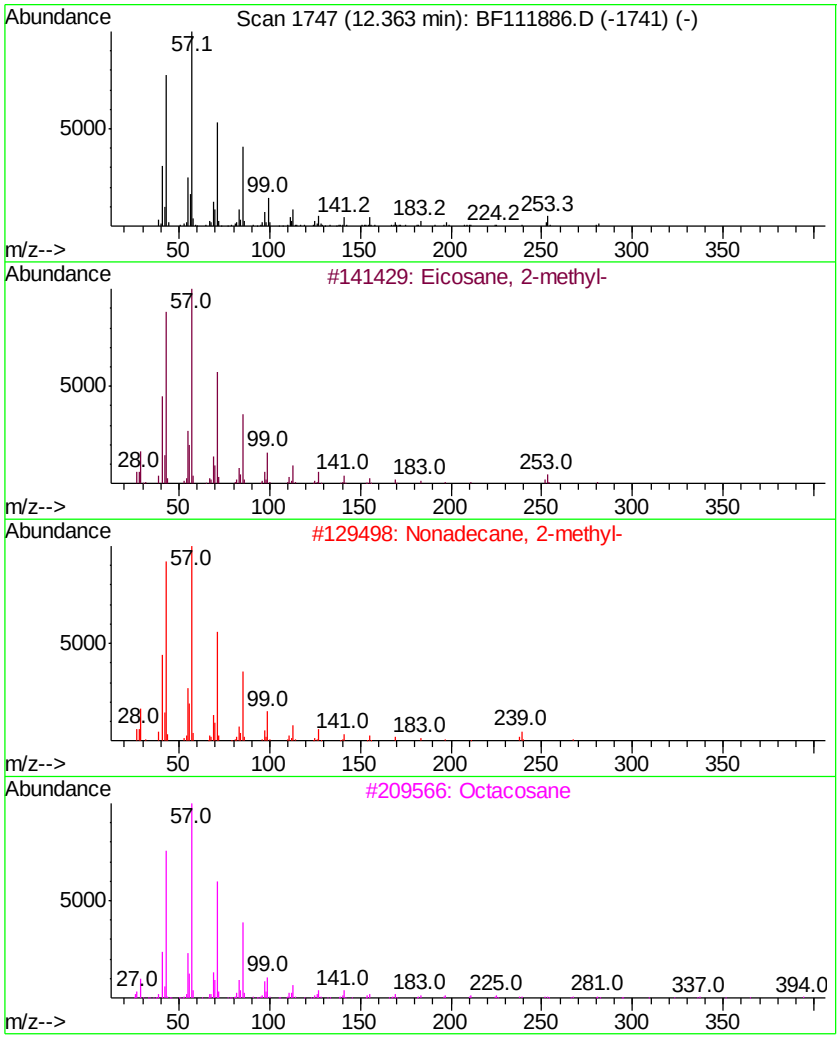
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

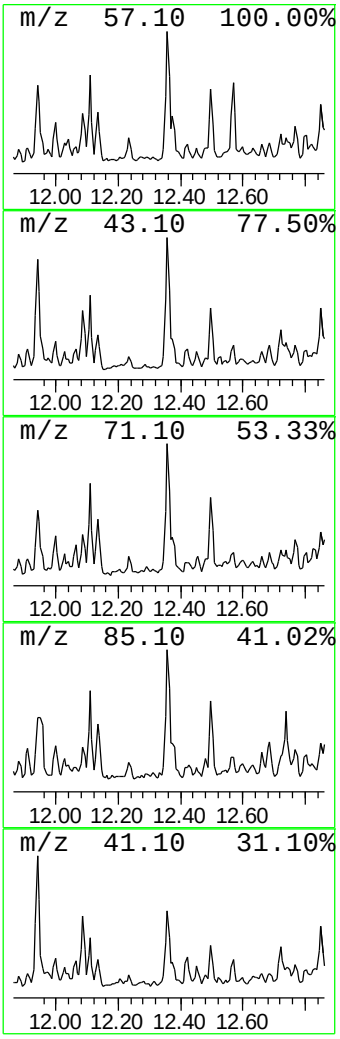
****

Peak Number 11 Eicosane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	9.40 ng	516768	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Eicosane	282	C20H42	000112-95-8	86





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Sample : K1036-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-W

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

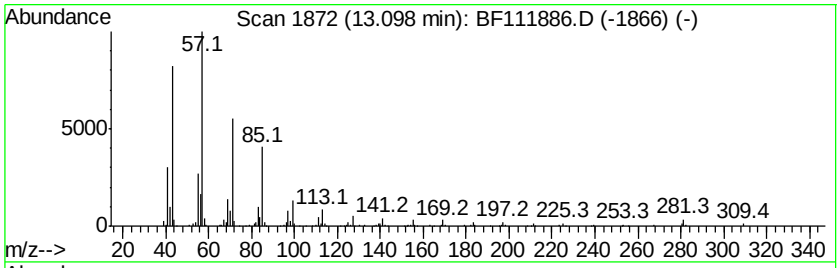
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

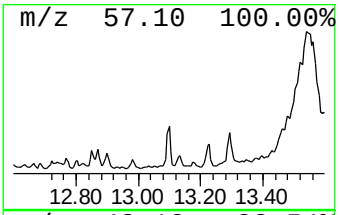
****

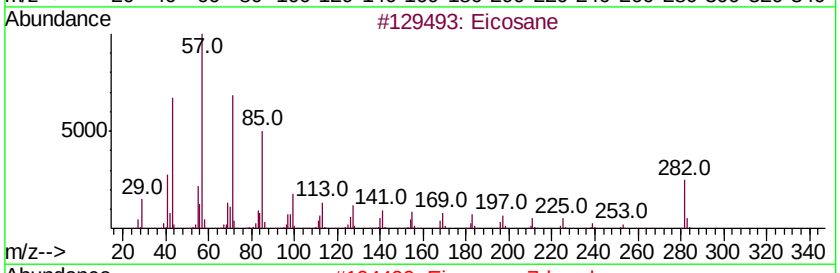
Peak Number 12 Eicosane Concentration Rank 20

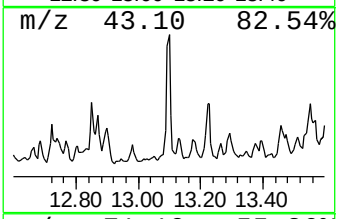
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	5.19 ng	512539	Chrysene-d12	14.05

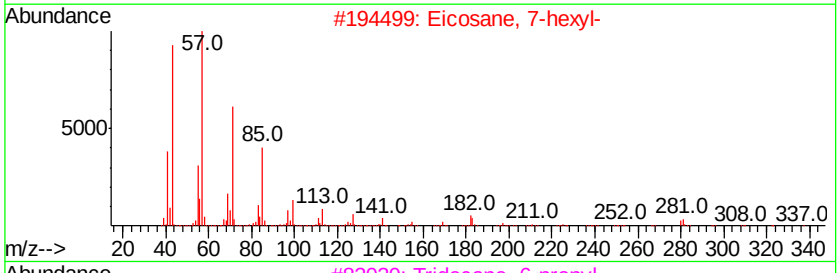
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Heptacosane	380	C27H56	000593-49-7	90

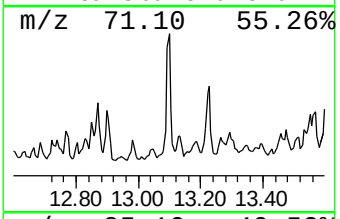


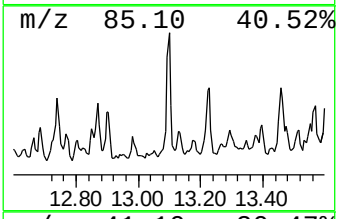


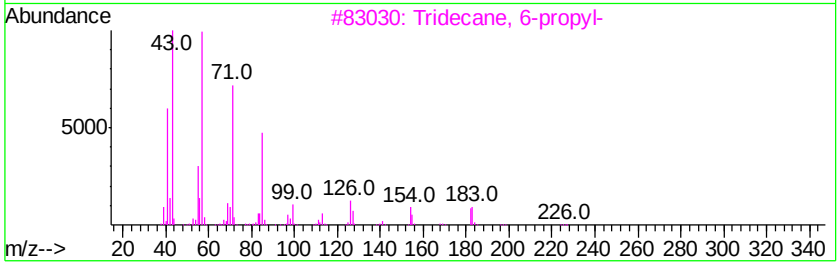


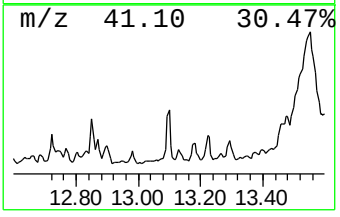












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Data File : BF111886.D
Acq On : 7 Jan 2019 19:42
Operator : JU/SJ
Sample : K1036-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-W

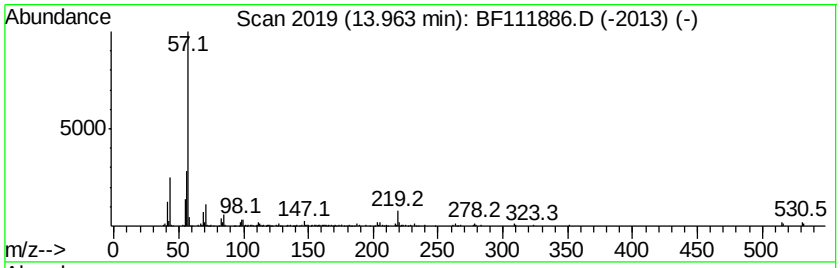
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

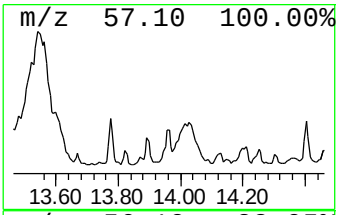
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

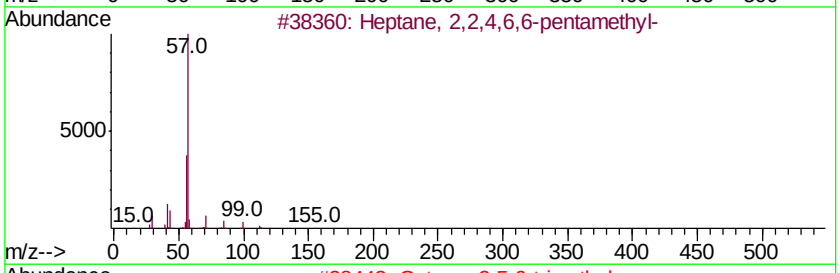
****
Peak Number 15 Heptane, 2,2,4,6,6-pentamet... Concentration Rank 17

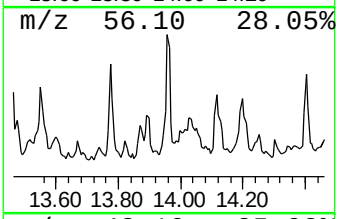
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	5.27 ng	520147	Chrysene-d12	14.05

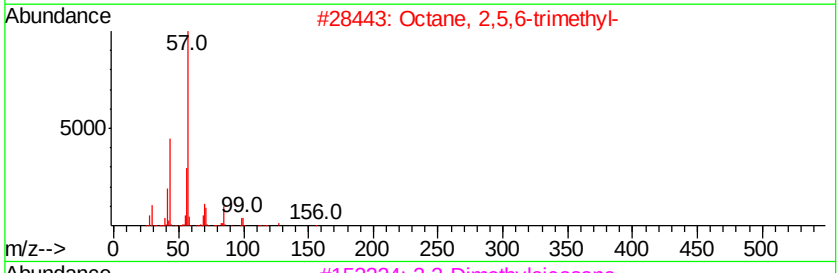
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50
2	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	50
3	2,2-Dimethyleicosane	310	C22H46	1000360-43-4	38
4	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	38
5	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	38

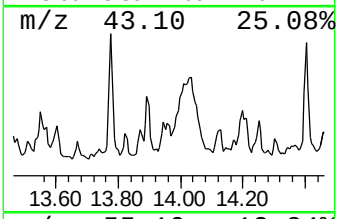


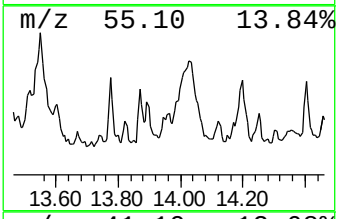


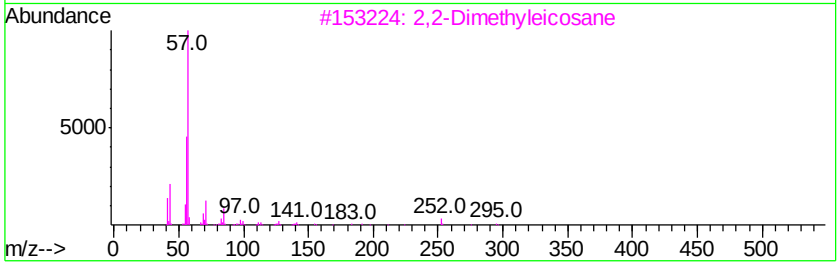


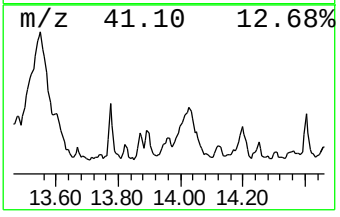












Library Search Compound Report

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Data File : BF111886.D
Acq On : 7 Jan 2019 19:42
Operator : JU/SJ
Sample : K1036-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-W

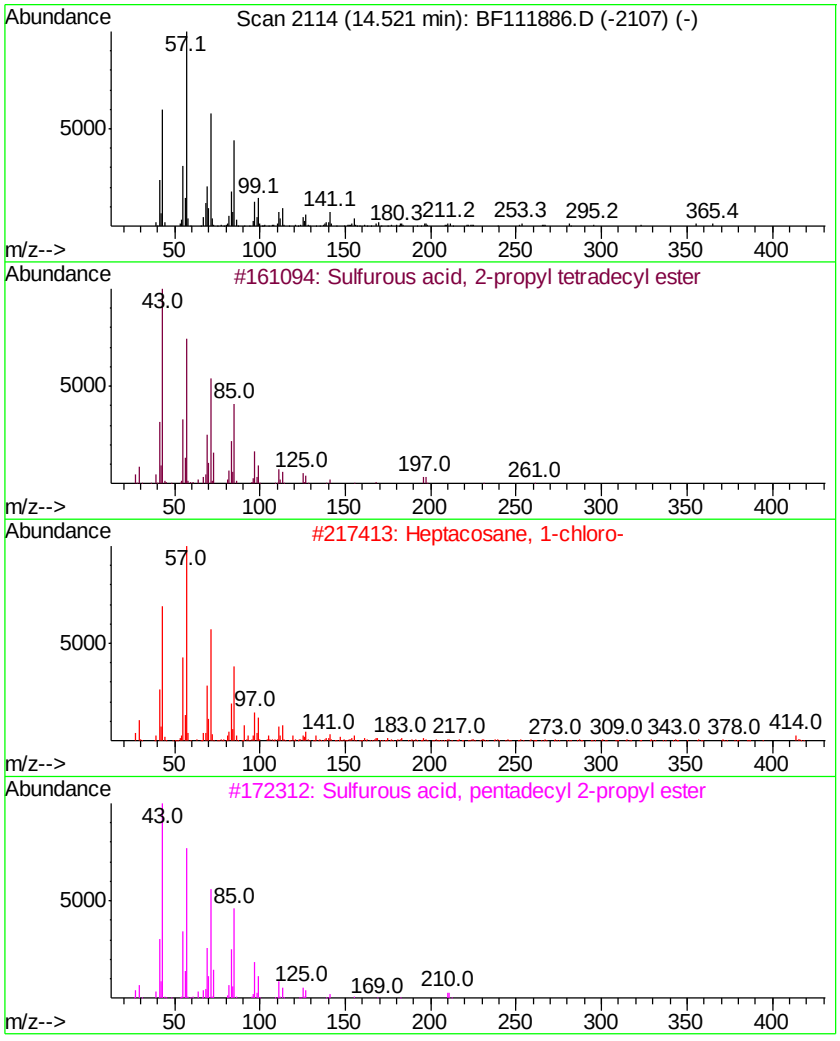
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

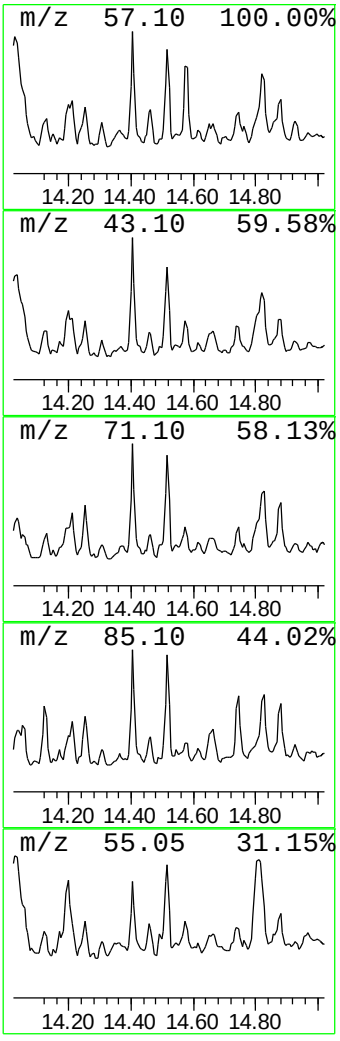
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Sulfurous acid, 2-propyl te... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	5.76 ng	569027	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	91
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
3	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
4	Tritetracontane	605	C43H88	007098-21-7	91
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91





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Data File : BF111886.D
Acq On : 7 Jan 2019 19:42
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Sample : K1036-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-W

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

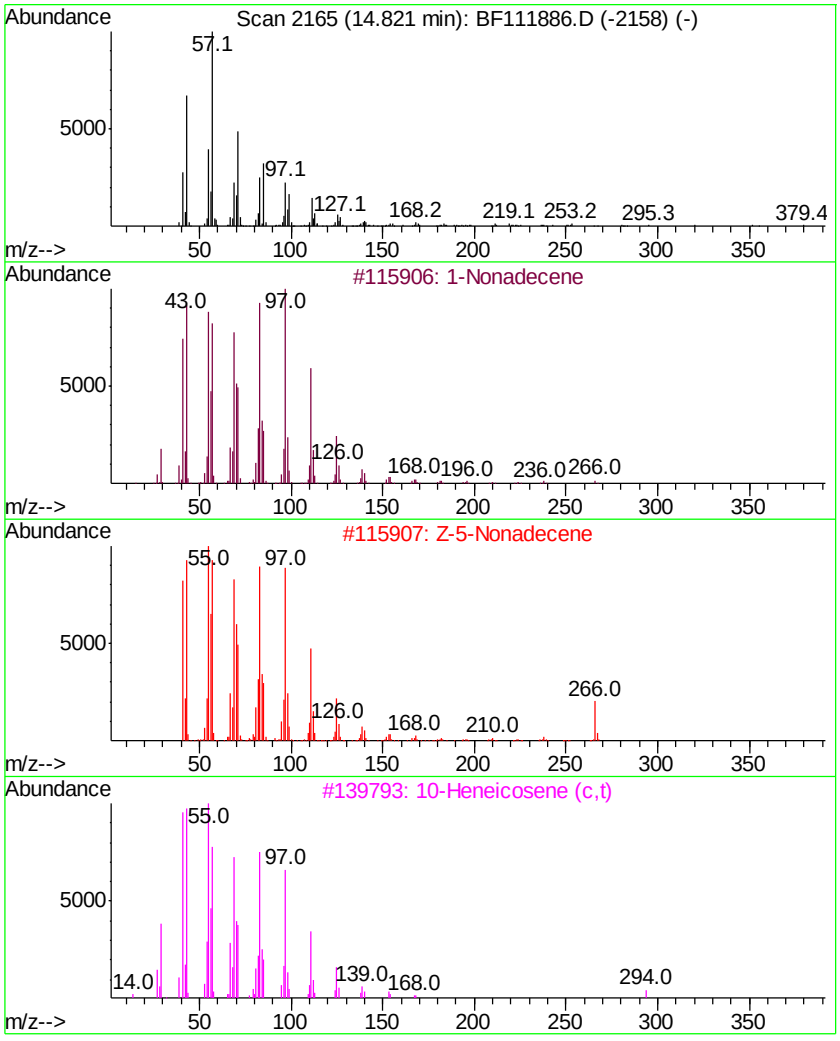
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

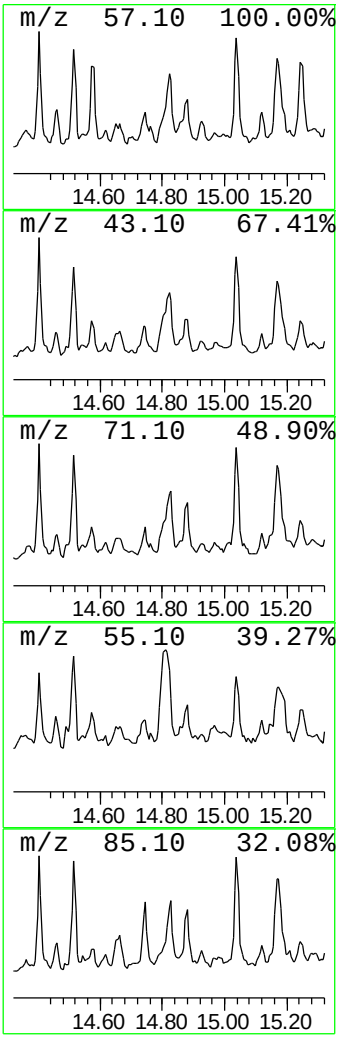
****

Peak Number 17 1-Nonadecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	7.87 ng	942807	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	93
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	93
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	89
4	9-Nonadecene	266	C19H38	031035-07-1	89
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111886.D
Acq On : 7 Jan 2019 19:42
Operator : JU/SJ
Sample : K1036-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-W

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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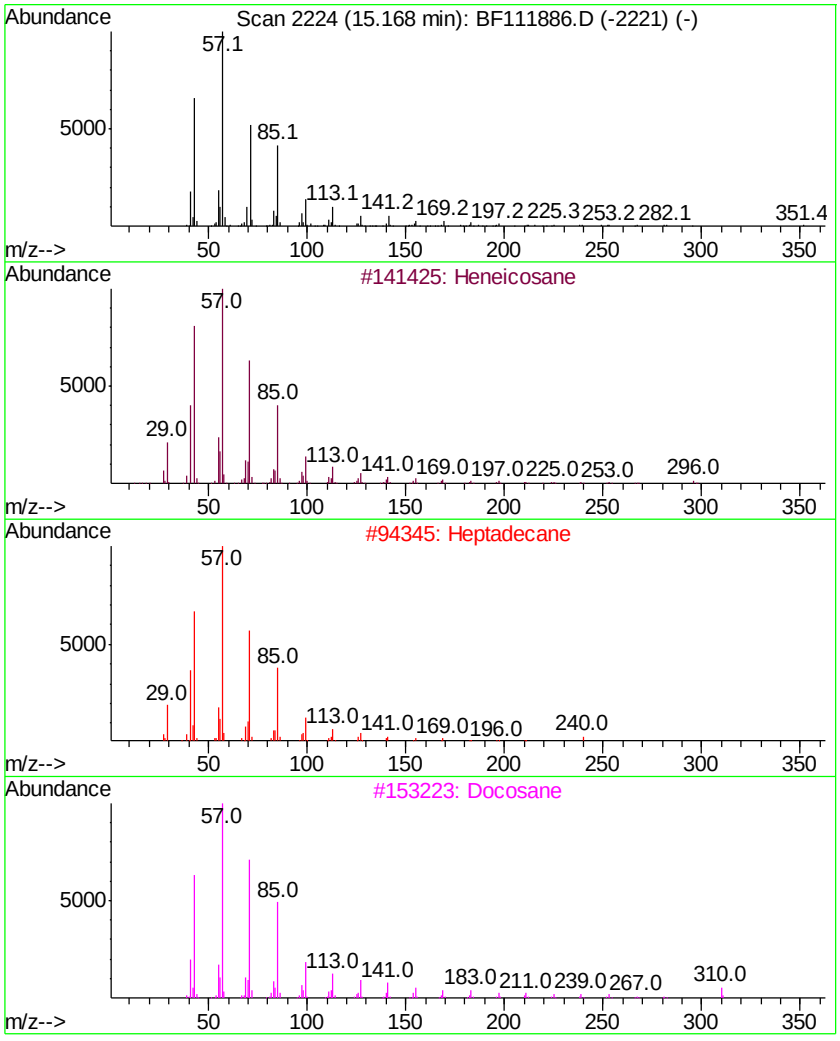
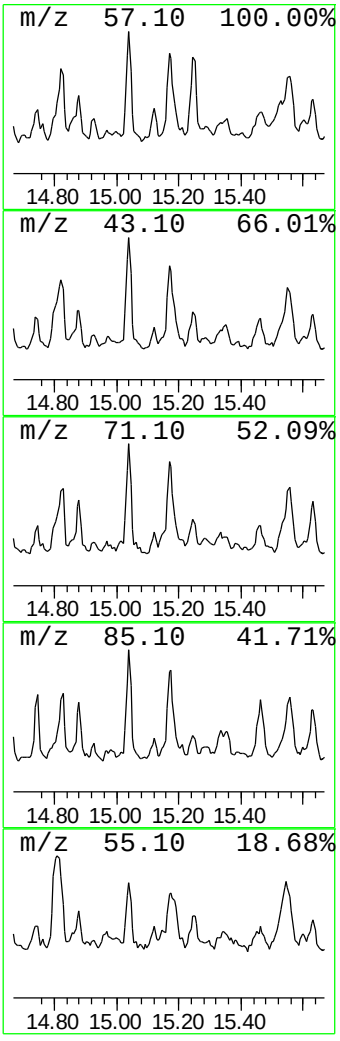
Peak Number 18 Heneicosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	5.20 ng	623654	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Docosane	310	C22H46	000629-97-0	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
5	Octadecane, 9-ethyl-9-heptyl-	380	C27H56	055282-27-4	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111886.D
Acq On : 7 Jan 2019 19:42
Operator : JU/SJ
Sample : K1036-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-W

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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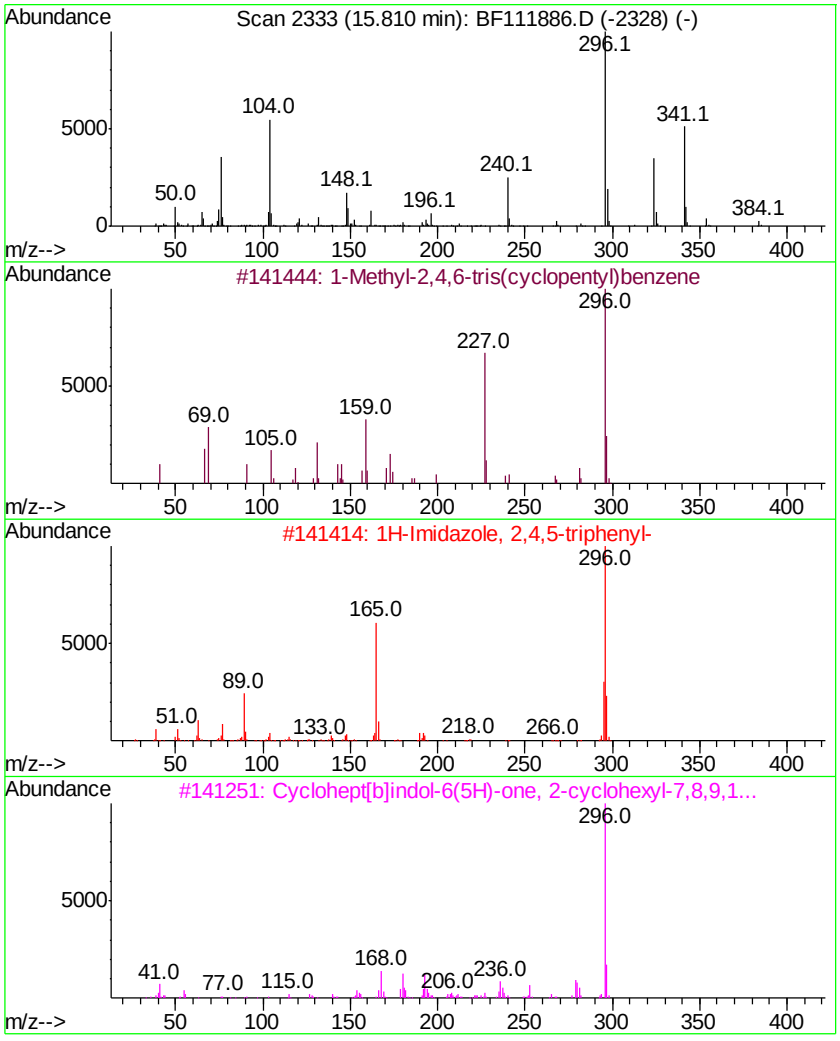
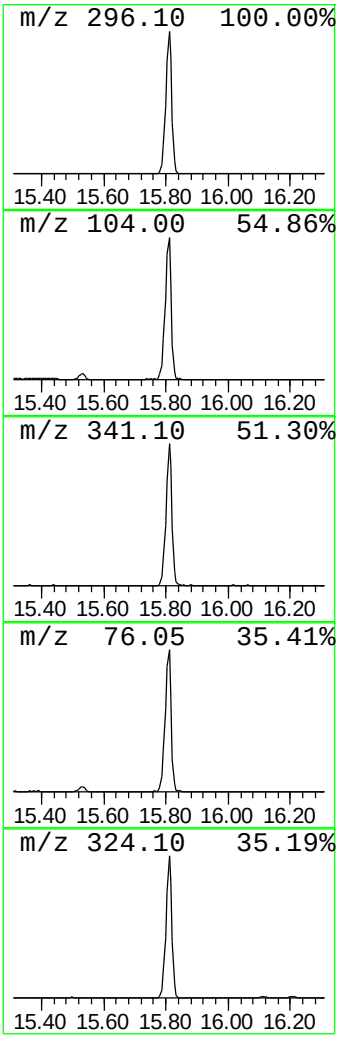
Peak Number 19 unknown15.81 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	16.94 ng	2030720	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2,4,6-tris(cyclopentyl)...	296	C22H32	100325-74-4	22
2	1H-Imidazole, 2,4,5-triphenyl-	296	C21H16N2	000484-47-9	22
3	Cyclohept[b]indol-6(5H)-one, 2-c...	296	C19H24N2O	339284-86-5	12
4	2-Thiazolamine, 4-(4-methoxyphen...	296	C17H16N2OS	1000319-57-2	12
5	2-(2-Quinolyl)(1,2,4)triazolo(1,...	296	C19H12N4	1000241-15-8	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111886.D
Acq On : 7 Jan 2019 19:42
Operator : JU/SJ
Sample : K1036-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-W

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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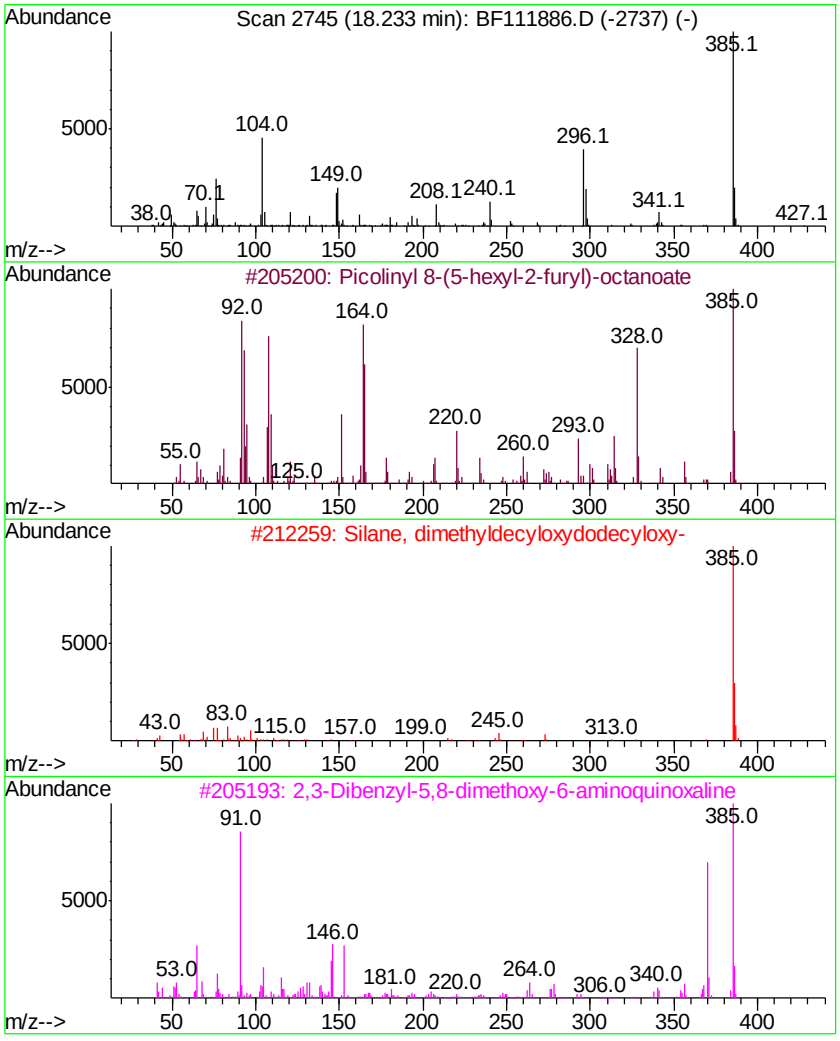
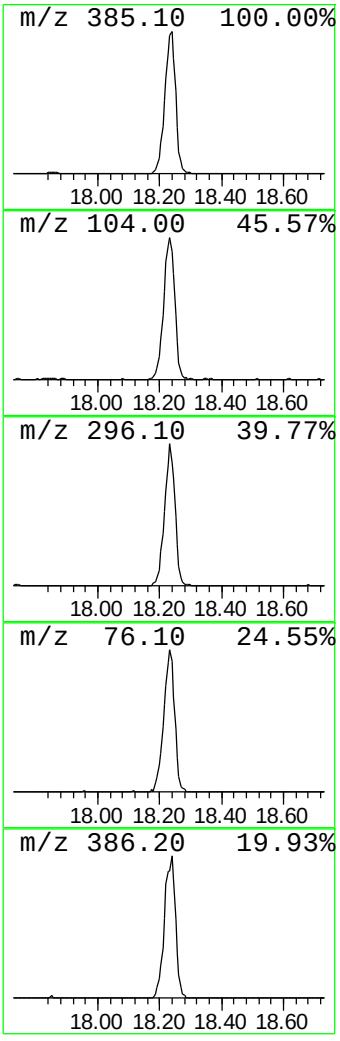
Peak Number 20 unknown18.23 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	10.50 ng	1258160	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picolinyl 8-(5-hexyl-2-furyl)-oc...	385	C24H35NO3	1000335-93-0	30
2	Silane, dimethyldecyloxydodecyloxy-	400	C24H52O2Si	1000346-92-7	12
3	2,3-Dibenzyl-5,8-dimethoxy-6-ami...	385	C24H23N3O2	056393-28-3	12
4	Xanthine, 1,3-diethyl-8-[4-[[[et...	385	C19H23N5O4	104576-48-9	9
5	2,6-Bis(4-nitro-phenylthio)pyridine	385	C17H11N3O4S2	078649-02-2	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010719\
Data File : BF111886.D
Acq On : 7 Jan 2019 19:42
Operator : JU/SJ
Sample : K1036-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-W

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.66	6.66	48.1	ng	2490810	1	6.89	1034670	20.0
3,5-di-tert-Butyl...	10.17	16.0	ng	1175320	3	9.93	1465360	20.0
Hexadecane, 2-met...	10.66	5.7	ng	419506	3	9.93	1465360	20.0
Trichloroacetic a...	11.25	6.3	ng	347300	4	11.41	1099830	20.0
Hexacosane	11.27	7.0	ng	387130	4	11.41	1099830	20.0
Nonadecane, 2-met...	11.55	9.9	ng	546175	4	11.41	1099830	20.0
Nonadecane	11.70	6.5	ng	356009	4	11.41	1099830	20.0
n-Hexadecanoic acid	11.94	16.1	ng	884933	4	11.41	1099830	20.0
5-Eicosene, (E)-	12.09	6.2	ng	342970	4	11.41	1099830	20.0
Eicosane, 2-methyl-	12.36	9.4	ng	516768	4	11.41	1099830	20.0
Eicosane	13.10	5.2	ng	512539	5	14.05	1975520	20.0
Heptane, 2,2,4,6,...	13.96	5.3	ng	520147	5	14.05	1975520	20.0
Sulfurous acid, 2...	14.52	5.8	ng	569027	5	14.05	1975520	20.0
1-Nonadecene	14.82	7.9	ng	942807	6	15.53	2396880	20.0
Heneicosane	15.17	5.2	ng	623654	6	15.53	2396880	20.0
unknown15.81	15.81	16.9	ng	2030720	6	15.53	2396880	20.0
unknown18.23	18.23	10.5	ng	1258160	6	15.53	2396880	20.0