LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000225.D
Acq On : 12 Sep 2019 19:45
Operator : HP/JU
Sample : K4633-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D12

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_P\METHODS\SOM-EPA-BP090519MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.170	7	14	19	rBV	6928149	10003247	100.00%	12.574%
2	2.281	29	33	47	rVB	103367	143761	1.44%	0.181%
3	2.617	86	90	100	rVB	51080	74496	0.74%	0.094%
4	3.605	252	258	266	rBV	19382	31281	0.31%	0.039%
5	3.775	282	287	296	rBV	146891	197917	1.98%	0.249%
6	3.893	303	307	310	rBV	15819	21634	0.22%	0.027%
7	3.928	310	313	316	rVV	17667	22496	0.22%	0.028%
8	3.975	316	321	324	rVV	61441	80589	0.81%	0.101%
9	4.005	324	326	332	rVB	20026	20785	0.21%	0.026%
10	4.205	355	360	363	rBV	16359	23222	0.23%	0.029%
11	4.487	403	408	416	rBV2	18132	28857	0.29%	0.036%
12	4.569	418	422	428	rVB	22354	27637	0.28%	0.035%
13	4.752	450	453	457	rVB	23386	23618	0.24%	0.030%
14	4.799	457	461	465	rVB	18227	19531	0.20%	0.025%
15	5.093	507	511	513	rBV	43071	40155	0.40%	0.050%
16	5.216	529	532	541	rVB	50429	52424	0.52%	0.066%
17	5.828	631	636	638	rBV3	13917	16584	0.17%	0.021%
18	6.028	667	670	674	rVB	26732	21449	0.21%	0.027%
19	6.105	681	683	686	rBV	17228	14784	0.15%	0.019%
20	6.187	693	697	705	rVB2	101484	111017	1.11%	0.140%
21	6.387	728	731	738	rVV	40020	55949	0.56%	0.070%
22	6.446	738	741	749	rVV2	88265	110176	1.10%	0.138%
23	6.516	749	753	758	rVV2	1861117	1738008	17.37%	2.185%
24	6.575	760	763	767	rVV	1467814	1213109	12.13%	1.525%
25	6.611	767	769	774	rVV2	17096	19322	0.19%	0.024%
26	6.663	774	778	782	rVV	1996930	1626836	16.26%	2.045%
27	6.722	786	788	790	rVV	17708	18762	0.19%	0.024%
28	6.763	793	795	801	rVB2	16457	15282	0.15%	0.019%
29	6.822	801	805	814	rBV3	17127	27889	0.28%	0.035%
30	6.899	814	818	821	rBV	2234763	1769558	17.69%	2.224%
31	6.958	825	828	829	rVV	18481	15510	0.16%	0.019%
32	6.975	829	831	836	rVB	21001	19538	0.20%	0.025%
33	7.028	836	840	842	rBV4	18057	26441	0.26%	0.033%
34	7.052	842	844	849	rVB2	20590	22227	0.22%	0.028%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000225.D
Acq On : 12 Sep 2019 19:45
Operator : HP/JU
Sample : K4633-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D12

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_P\METHODS\SOM-EPA-BP090519MA.M
Title : SVOA CALIBRATION

35	7.210	867	871	873	rBV2	17103	18597	0.19%	0.023%
36	7.263	876	880	883	rBV	2324597	1755763	17.55%	2.207%
37	7.452	908	912	915	rVV	1817099	1382794	13.82%	1.738%
38	7.499	918	920	923	rVV2	15900	15045	0.15%	0.019%
39	7.534	923	926	930	rVB2	32640	26907	0.27%	0.034%
40	7.663	940	948	952	rBV	68255	67295	0.67%	0.085%
41	7.705	952	955	960	rVB3	15748	15762	0.16%	0.020%
42	7.781	964	968	971	rVB	1336997	1098834	10.98%	1.381%
43	7.857	977	981	983	rBV	33902	34492	0.34%	0.043%
44	7.881	983	985	990	rVV	74291	77788	0.78%	0.098%
45	8.022	1005	1009	1012	rBV	2138561	1850222	18.50%	2.326%
46	8.087	1016	1020	1023	rVB3	24050	34638	0.35%	0.044%
47	8.181	1032	1036	1039	rBV	2983142	2321390	23.21%	2.918%
48	8.234	1043	1045	1053	rVV	159609	163808	1.64%	0.206%
49	8.310	1055	1058	1061	rVB	56881	45494	0.45%	0.057%
50	8.346	1061	1064	1067	rBV4	14637	16689	0.17%	0.021%
51	8.505	1085	1091	1096	rBV5	28882	43269	0.43%	0.054%
52	8.863	1149	1152	1156	rVB	43595	33122	0.33%	0.042%
53	9.334	1227	1232	1233	rBV4	30023	45724	0.46%	0.057%
54	9.610	1276	1279	1280	rBV	161990	120109	1.20%	0.151%
55	9.634	1280	1283	1285	rVV	2777464	2311503	23.11%	2.906%
56	9.657	1285	1287	1293	rVB	1031548	779996	7.80%	0.980%
57	9.793	1307	1310	1314	rBV	3454925	2998198	29.97%	3.769%
58	9.951	1333	1337	1340	rBV	3262123	2726066	27.25%	3.427%
59	9.981	1340	1342	1346	rVB2	115833	91553	0.92%	0.115%
60	10.040	1349	1352	1357	rBV	606571	746246	7.46%	0.938%
61	10.475	1422	1426	1434	rBV	3947429	3401188	34.00%	4.275%
62	10.546	1435	1438	1445	rVV	477024	586373	5.86%	0.737%
63	10.604	1446	1448	1450	rVV2	91584	78851	0.79%	0.099%
64	10.634	1450	1453	1456	rVB2	238498	202889	2.03%	0.255%
65	10.822	1483	1485	1487	rBV2	35615	28401	0.28%	0.036%
66	10.869	1491	1493	1497	rVB4	66799	72025	0.72%	0.091%
67	11.257	1557	1559	1563	rVB2	84680	95495	0.95%	0.120%
68	11.404	1581	1584	1588	rBV2	191453	198705	1.99%	0.250%
69	11.457	1589	1593	1596	rVV	2862465	2939643	29.39%	3.695%
70	11.481	1596	1597	1600	rVV	999022	691435	6.91%	0.869%
71	11.516	1600	1603	1610	rVB	3366721	3349049	33.48%	4.210%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000225.D
Acq On : 12 Sep 2019 19:45
Operator : HP/JU
Sample : K4633-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D12

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_P\METHODS\SOM-EPA-BP090519MA.M
Title : SVOA CALIBRATION

72	11.687	1630	1632	1639	rVB	137746	160685	1.61%	0.202%
73	11.934	1670	1674	1677	rBV	519907	601041	6.01%	0.756%
74	11.963	1677	1679	1682	rVV2	365720	400699	4.01%	0.504%
75	12.010	1682	1687	1695	rVV2	2071105	2773452	27.73%	3.486%
76	12.087	1697	1700	1702	rVB	99595	106570	1.07%	0.134%
77	12.157	1709	1712	1714	rBV	253299	254419	2.54%	0.320%
78	12.181	1714	1716	1720	rVB2	172256	166369	1.66%	0.209%
79	12.298	1734	1736	1740	rVB	96333	106574	1.07%	0.134%
80	12.528	1773	1775	1777	rBV2	100801	110078	1.10%	0.138%
81	12.581	1781	1784	1787	rVV	244736	240379	2.40%	0.302%
82	12.698	1800	1804	1808	rBV	1685008	2085976	20.85%	2.622%
83	12.728	1808	1809	1819	rVB4	404915	690336	6.90%	0.868%
84	12.810	1820	1823	1826	rBV	445016	501886	5.02%	0.631%
85	12.916	1837	1841	1847	rBV2	2917180	5089807	50.88%	6.398%
86	13.193	1886	1888	1895	rVB4	183902	289833	2.90%	0.364%
87	13.334	1908	1912	1915	rBV	677024	734468	7.34%	0.923%
88	13.375	1916	1919	1921	rBV2	300311	338822	3.39%	0.426%
89	13.481	1933	1937	1939	rBV	270117	414709	4.15%	0.521%
90	13.510	1939	1942	1946	rVB	311036	357629	3.58%	0.450%
91	13.557	1946	1950	1955	rBV3	849073	1298142	12.98%	1.632%
92	13.640	1961	1964	1967	rBV	231979	277220	2.77%	0.348%
93	13.687	1968	1972	1980	rVV	1030972	1406424	14.06%	1.768%
94	13.910	2007	2010	2012	rBV2	247562	303724	3.04%	0.382%
95	13.975	2017	2021	2026	rVV2	1091798	1811643	18.11%	2.277%
96	14.034	2026	2031	2037	rVB	1542951	2431566	24.31%	3.057%
97	14.181	2050	2056	2068	rBV2	1603980	4443107	44.42%	5.585%
98	14.363	2083	2087	2094	rBV	1071805	1518546	15.18%	1.909%
99	14.687	2138	2142	2152	rVB	1035447	1662587	16.62%	2.090%
100	15.022	2196	2199	2204	rVB	599410	856007	8.56%	1.076%

Sum of corrected areas: 79552147

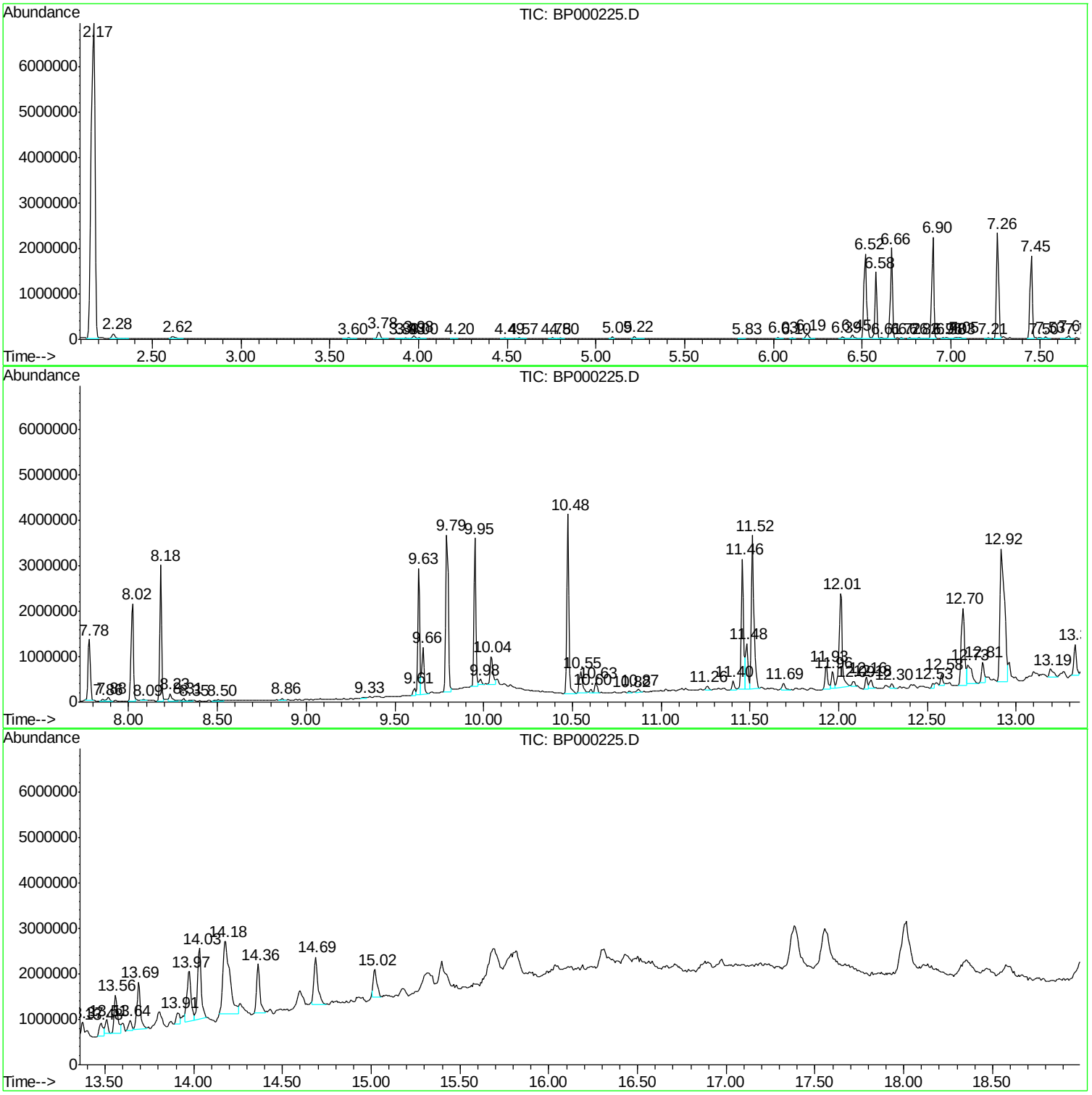
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000225.D
Acq On : 12 Sep 2019 19:45
Operator : HP/JU
Sample : K4633-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000225.D
Acq On : 12 Sep 2019 19:45
Operator : HP/JU
Sample : K4633-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

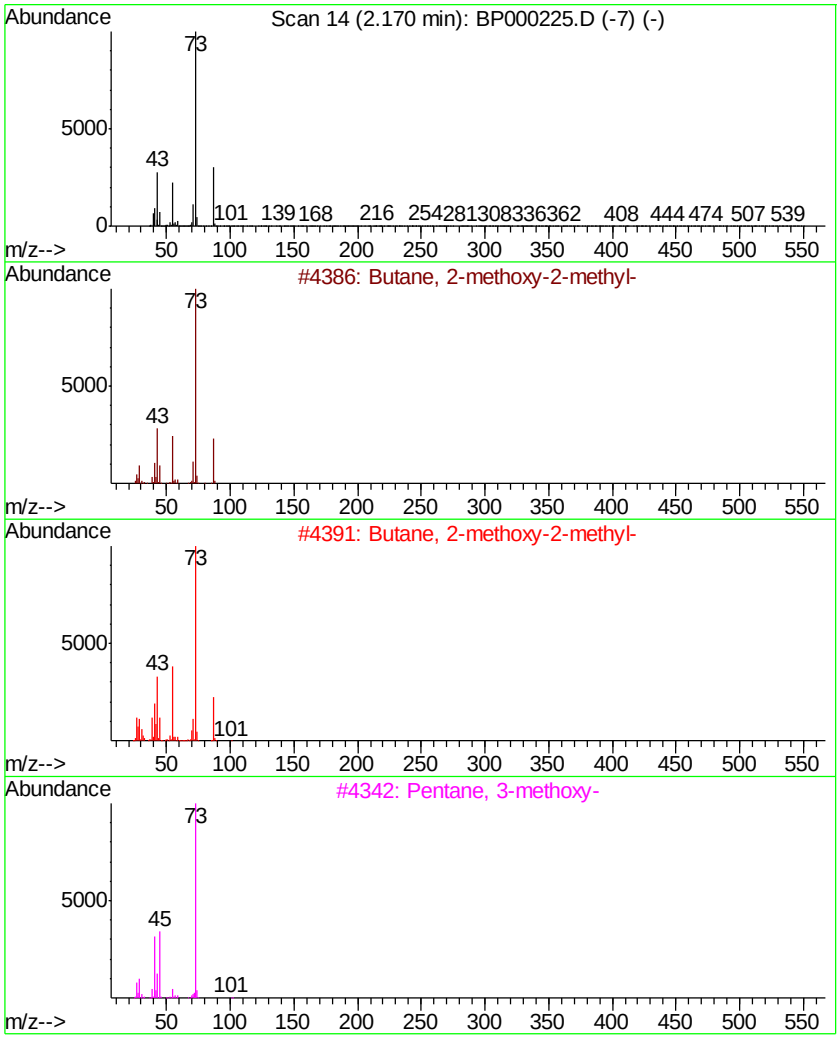
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

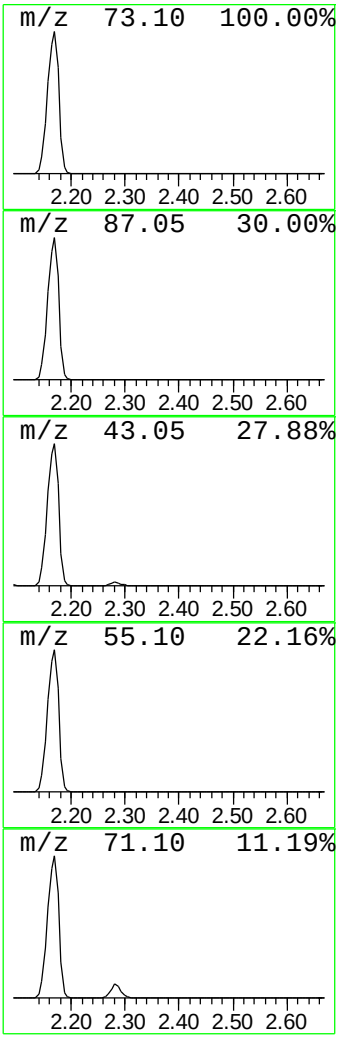
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	113.06 ng/ul	10003200	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,4-Butanediamine	88	C4H12N2	000110-60-1	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000225.D
Acq On : 12 Sep 2019 19:45
Operator : HP/JU
Sample : K4633-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

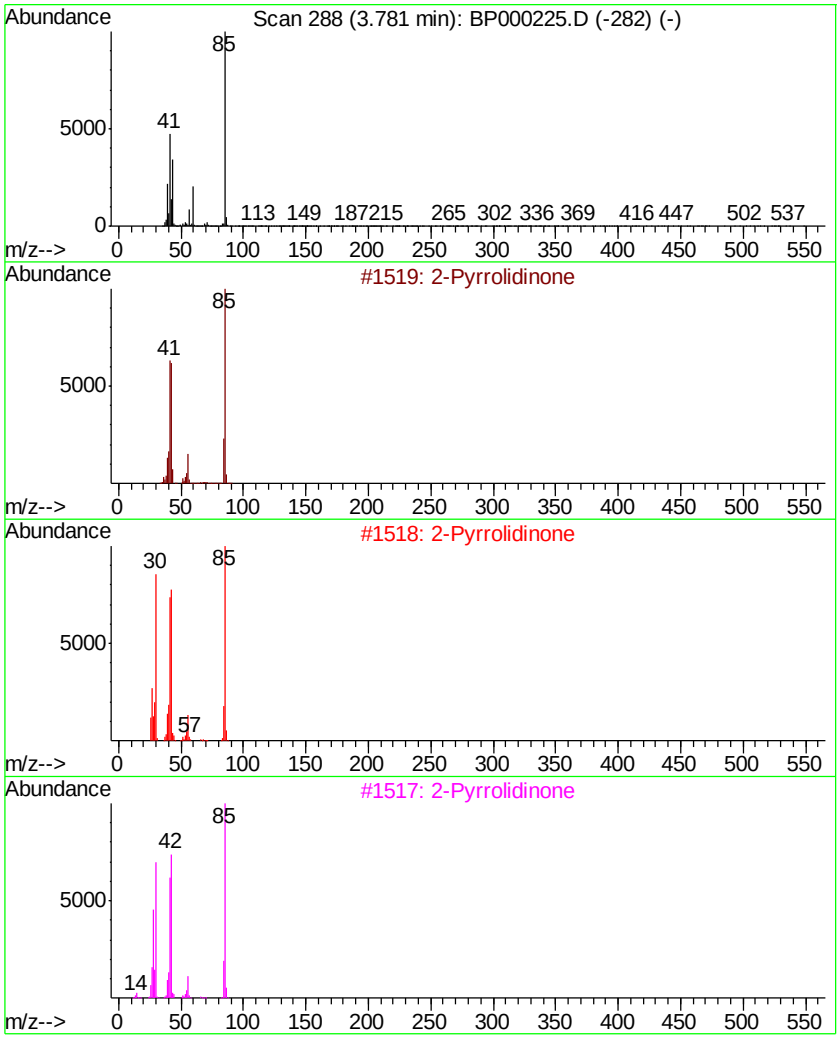
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

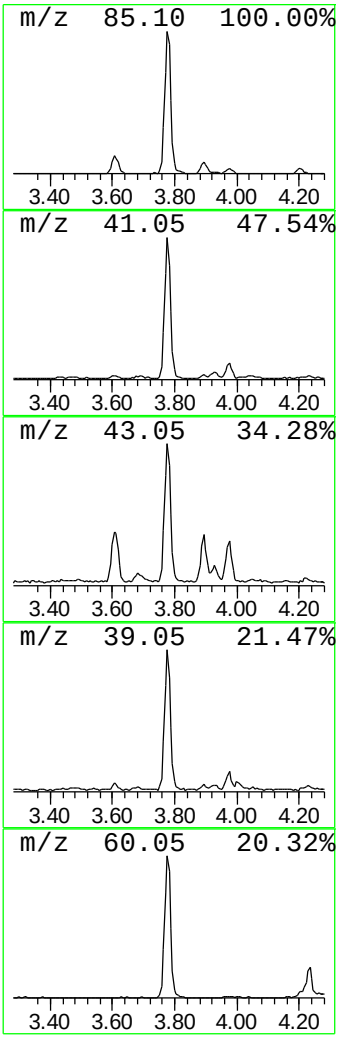
****

Peak Number 2 2-Pyrrolidinone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	2.24 ng/ul	197917	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone	85	C4H7NO	000616-45-5	50
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	40
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	33
4	2(3H)-Furanone, 5-ethyldihydro-	114	C6H10O2	000695-06-7	9
5	1-Hexanol, 6-[(tetrahydro-2H-pyr...	202	C11H22O3	028659-22-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000225.D
Acq On : 12 Sep 2019 19:45
Operator : HP/JU
Sample : K4633-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

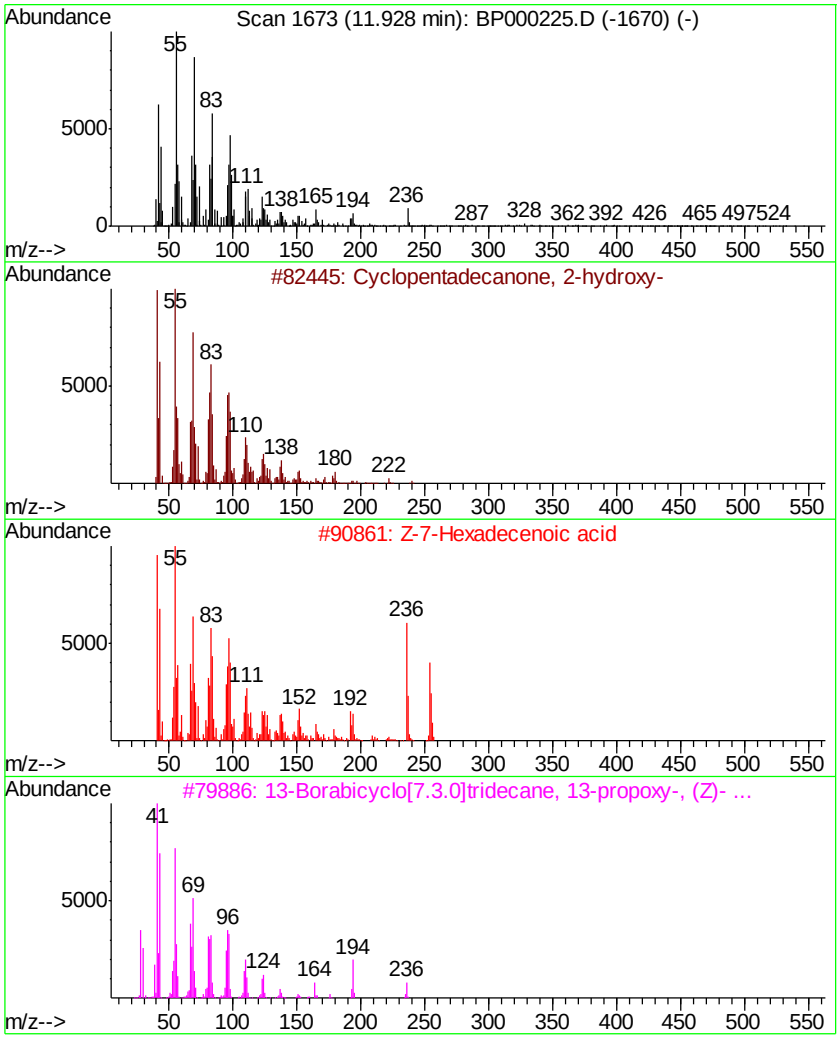
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

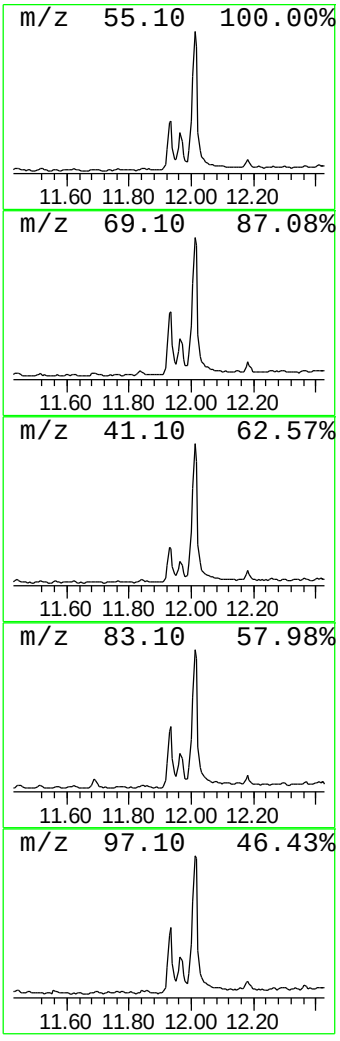
****

Peak Number 3 Cyclopentadecanone, 2-hydroxy- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	4.09 ng/ul	601041	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	94
2	Z-7-Hexadecenoic acid	254	C16H30O2	1000130-90-8	86
3	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	70
4	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	60
5	Oxacyclohexadecan-2-one, 16-methyl-	254	C16H30O2	004459-57-8	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000225.D
Acq On : 12 Sep 2019 19:45
Operator : HP/JU
Sample : K4633-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

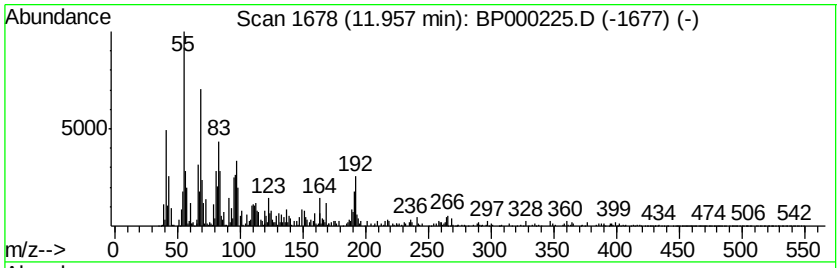
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

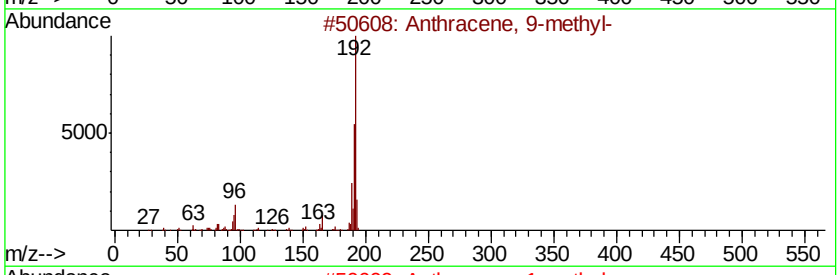
****

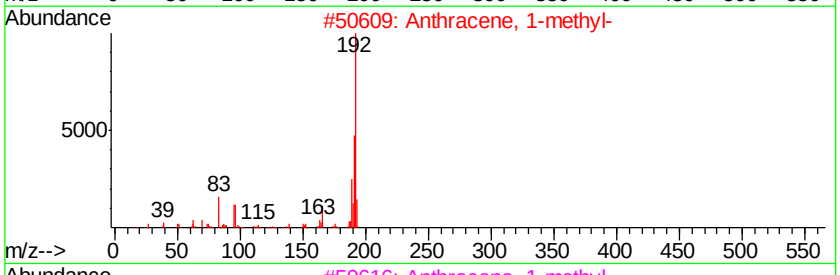
Peak Number 4 Anthracene, 9-methyl- Concentration Rank 13

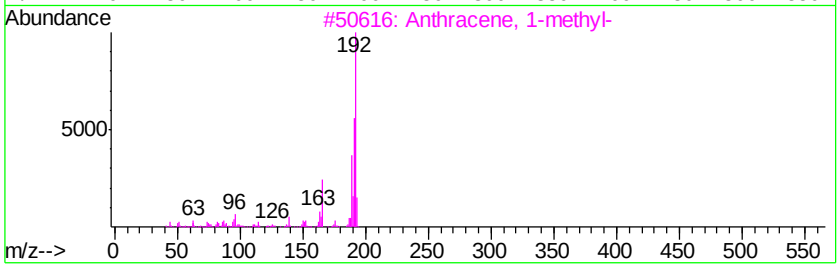
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.73 ng/ul	400699	Phenanthrene-d10	11.46

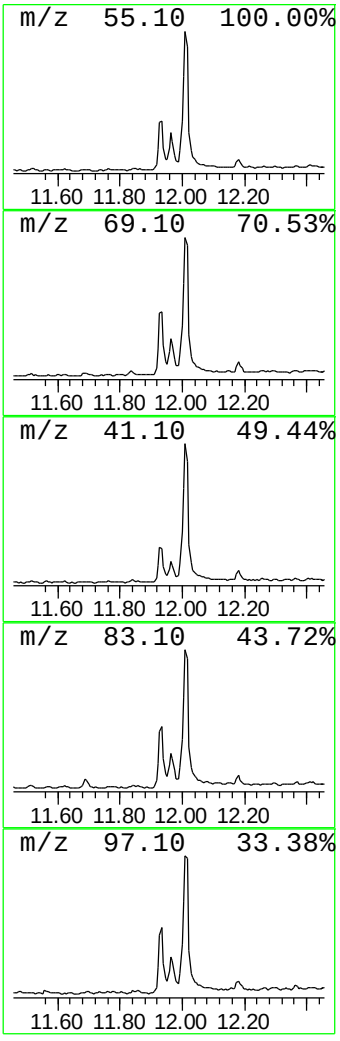
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	60
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	52
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	47
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000225.D
Acq On : 12 Sep 2019 19:45
Operator : HP/JU
Sample : K4633-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

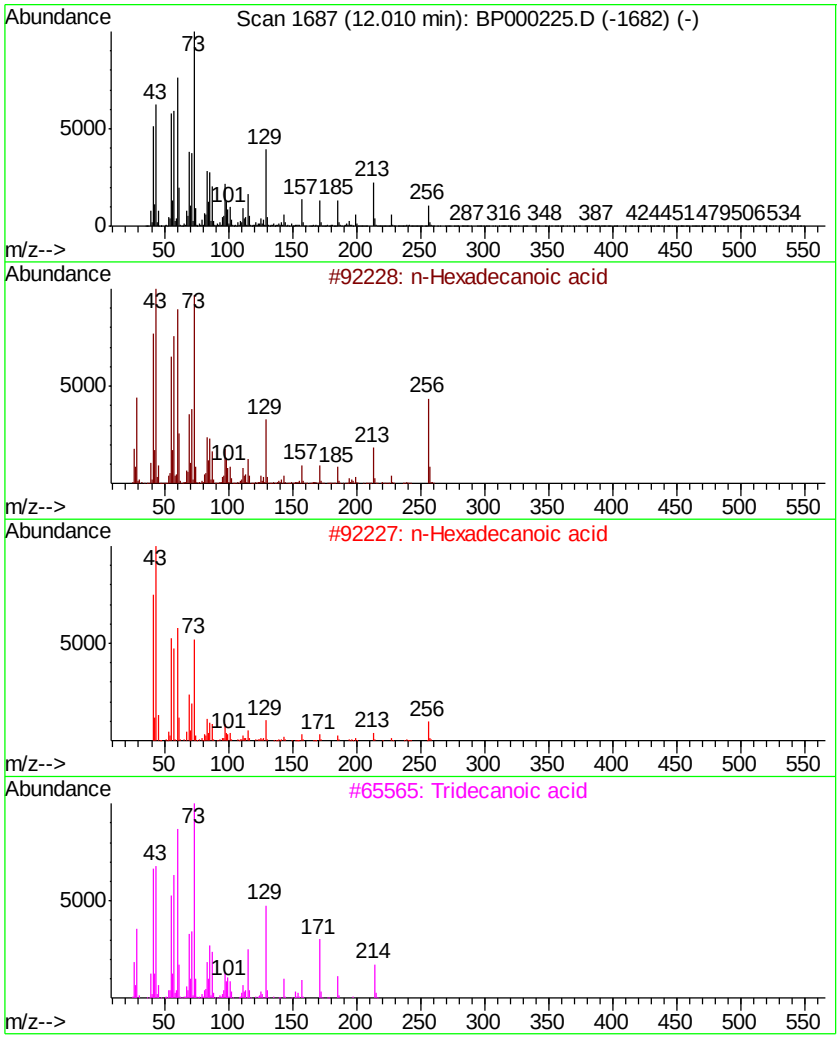
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

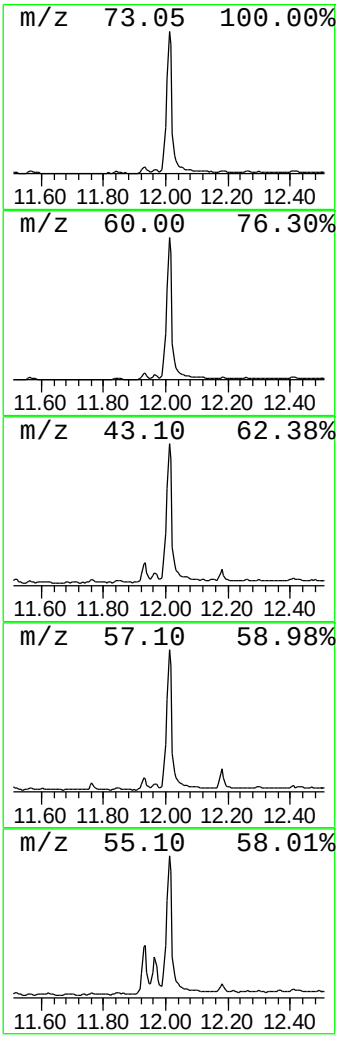
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	18.87 ng/ul	2773450	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86





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Data File : BP000225.D
Acq On : 12 Sep 2019 19:45
Operator : HP/JU
Sample : K4633-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

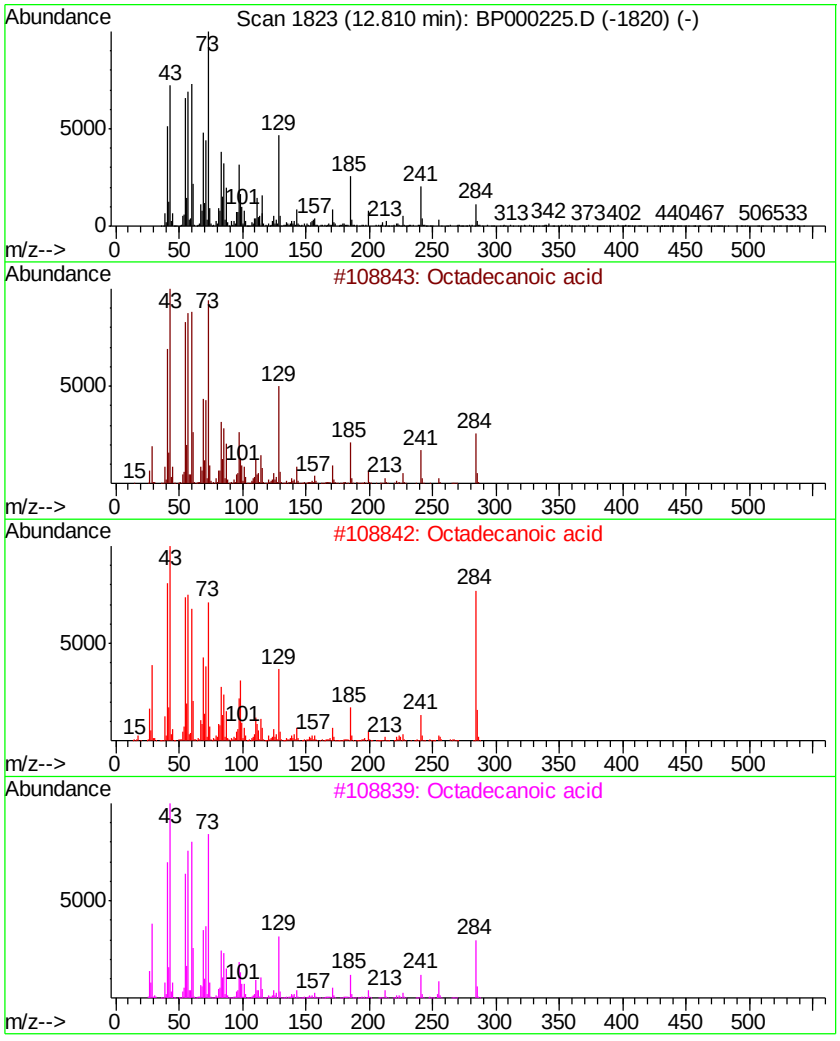
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

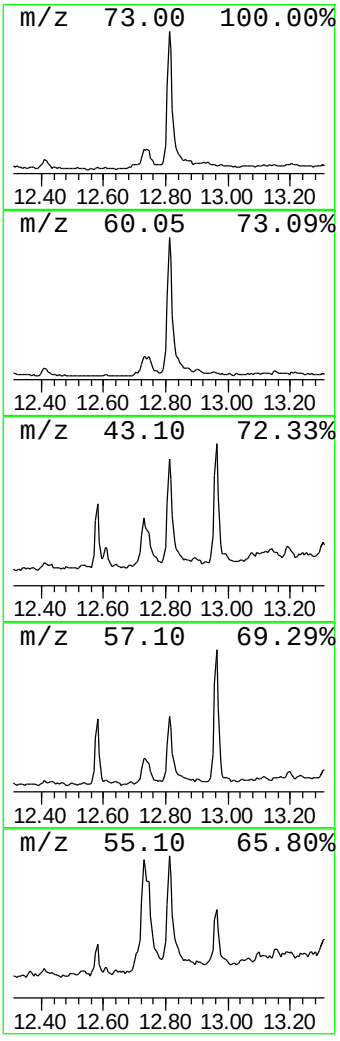
****

Peak Number 6 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	3.41 ng/ul	501886	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Octadecanoic acid	284	C18H36O2	000057-11-4	70





Library Search Compound Report

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Data File : BP000225.D
Acq On : 12 Sep 2019 19:45
Operator : HP/JU
Sample : K4633-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

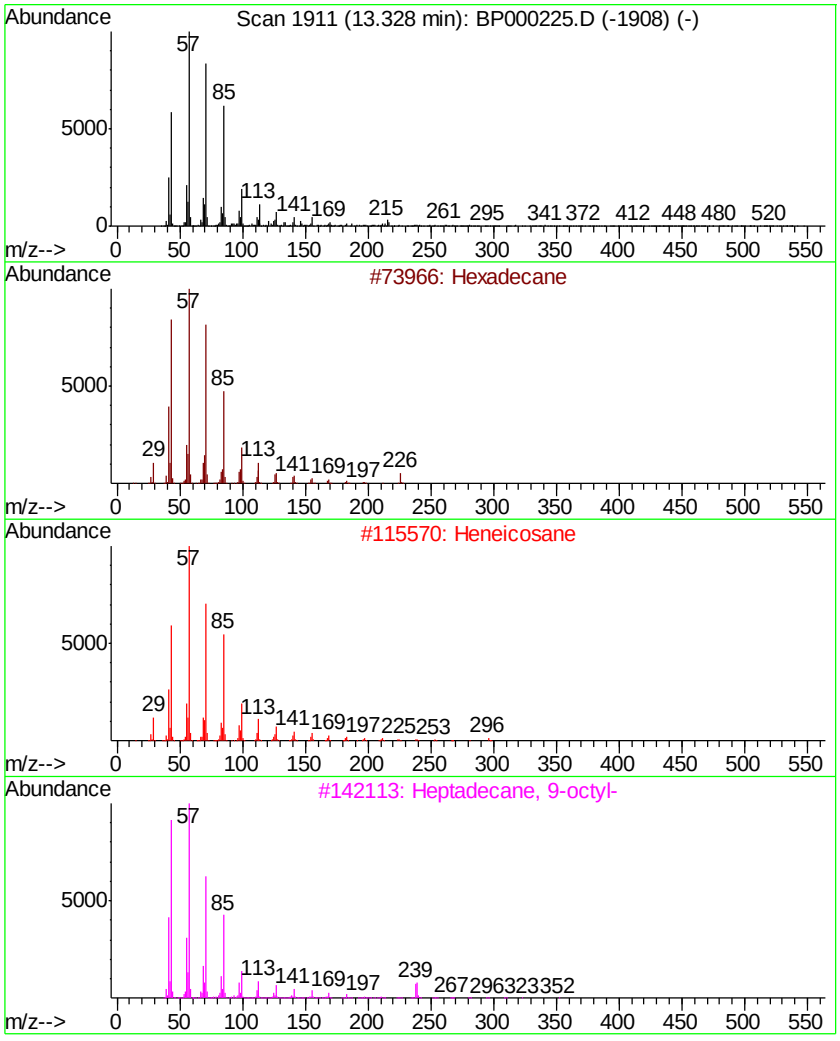
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

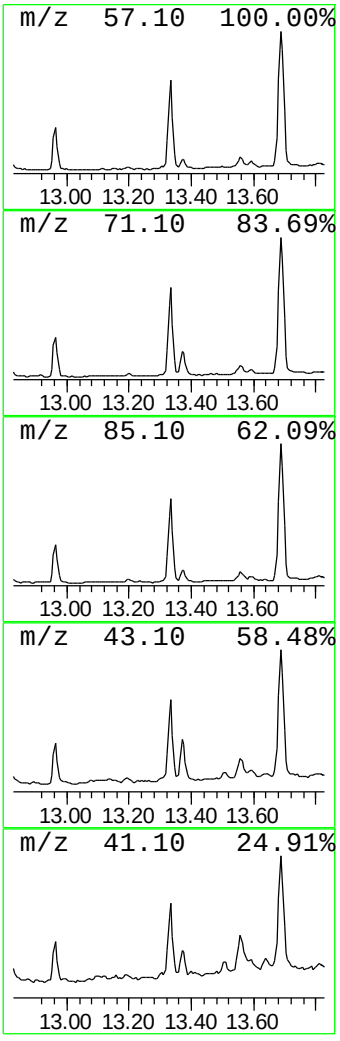
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	3.31 ng/ul	734468	Chrysene-d12	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Nonacosane	408	C29H60	000630-03-5	87
5	Heptadecane	240	C17H36	000629-78-7	87





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Acq On : 12 Sep 2019 19:45
Operator : HP/JU
Sample : K4633-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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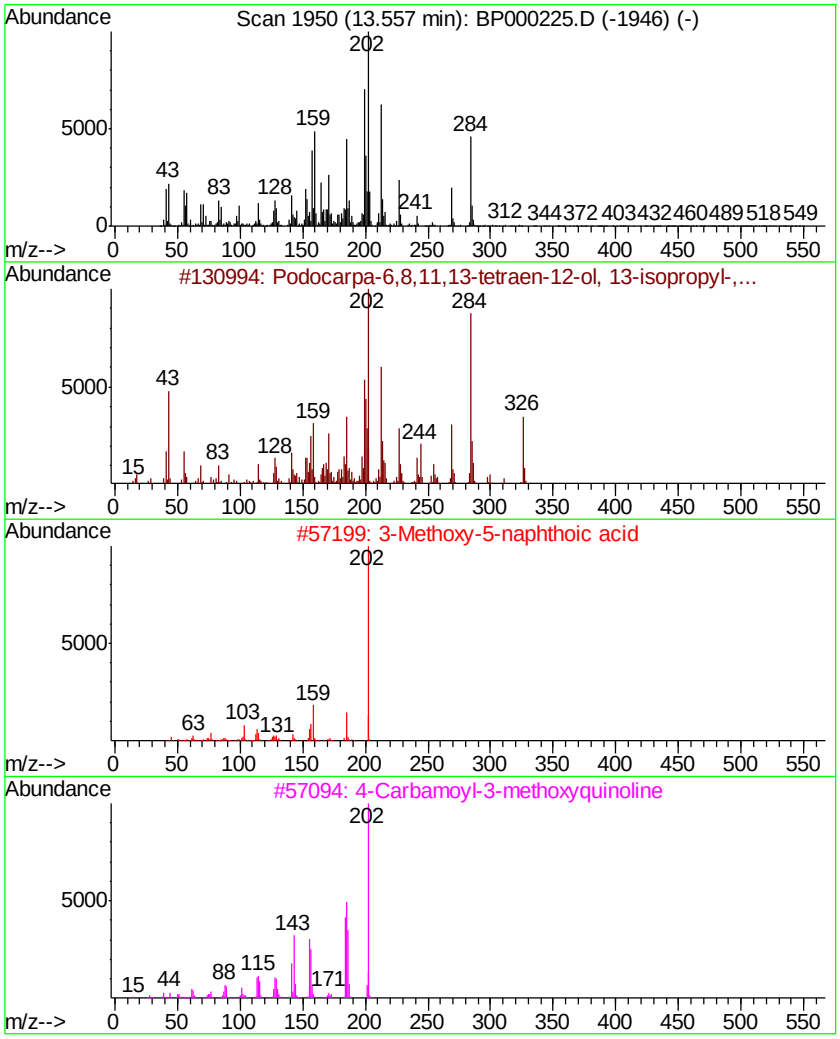
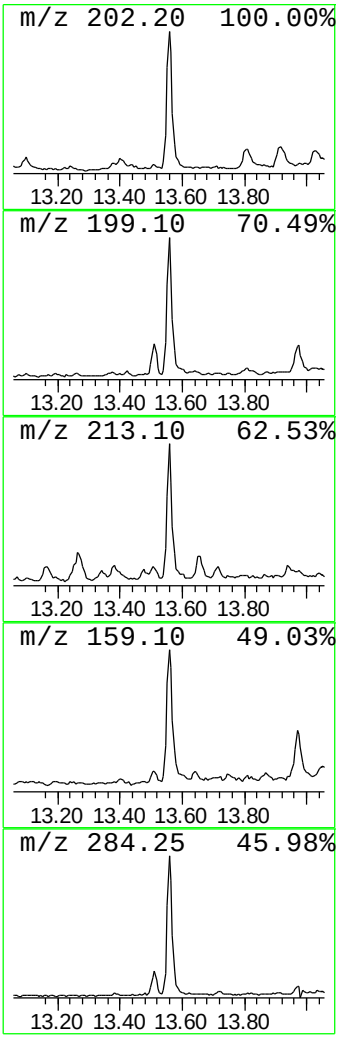
Peak Number 8 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	5.84 ng/ul	1298140	Chrysene-d12	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Podocarpa-6,8,11,13-tetraen-12-o...	326	C22H30O2	022160-86-7	32
2	3-Methoxy-5-naphthoic acid	202	C12H10O3	007498-58-0	30
3	4-Carbamoyl-3-methoxyquinoline	202	C11H10N2O2	020844-05-7	22
4	Oxadiazolo[3,4-a]pyridazino[4,3-...	202	C10H10N4O	1000260-59-4	20
5	n-Heptanoic acid,methyl(tetramet...	228	C12H24O2Si	1000217-03-6	15





Library Search Compound Report

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Data File : BP000225.D
Acq On : 12 Sep 2019 19:45
Operator : HP/JU
Sample : K4633-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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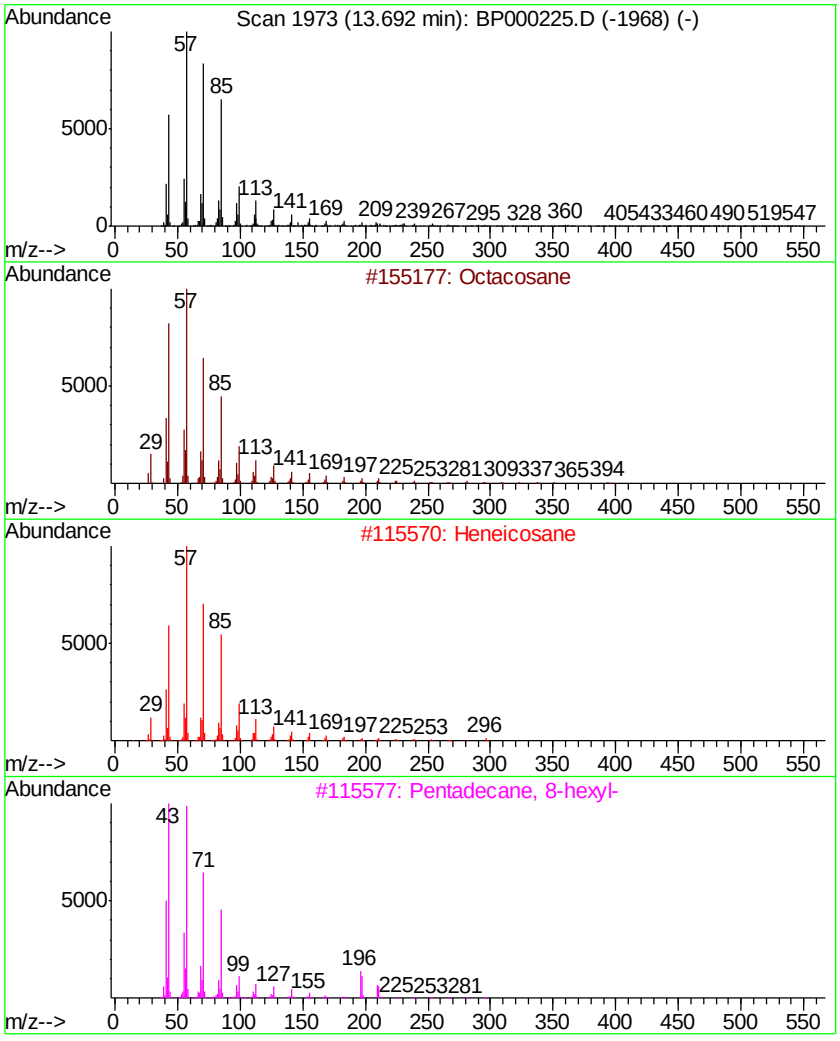
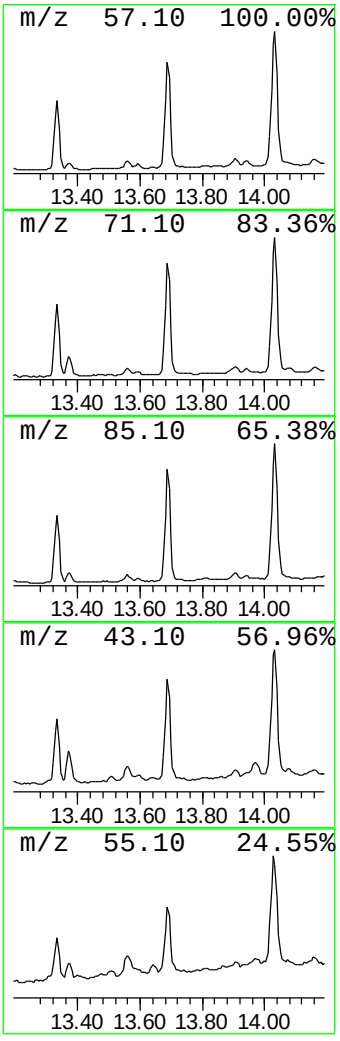
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	6.33 ng/ul	1406420	Chrysene-d12	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	92
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4	Tetratriacontane	479	C34H70	014167-59-0	87
5	Heptacosane	380	C27H56	000593-49-7	87





Library Search Compound Report

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Acq On : 12 Sep 2019 19:45
Operator : HP/JU
Sample : K4633-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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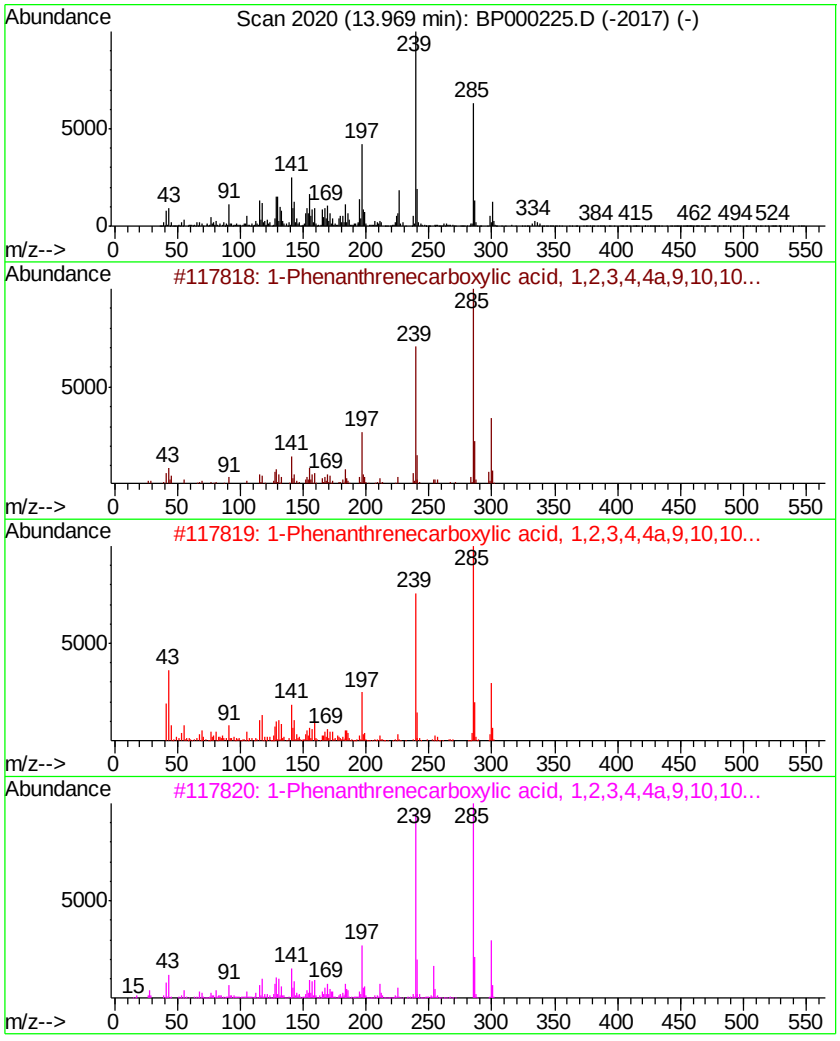
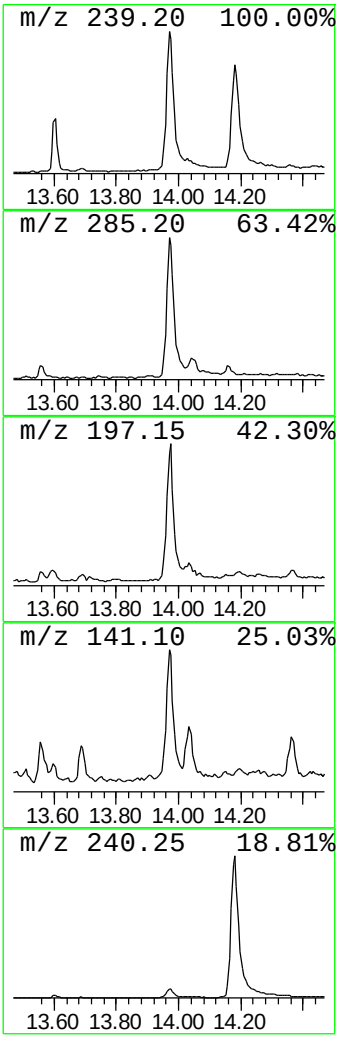
Peak Number 10 1-Phenanthrenecarboxylic ac... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	8.15 ng/ul	1811640	Chrysene-d12	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	93
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	001740-19-8	91
3	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	001740-19-8	91
4	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	001740-19-8	55
5	3-Quinolinecarboxylic acid, 4-hy...	285	C13H10F3NO3	023851-84-5	49





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Data File : BP000225.D
Acq On : 12 Sep 2019 19:45
Operator : HP/JU
Sample : K4633-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D12

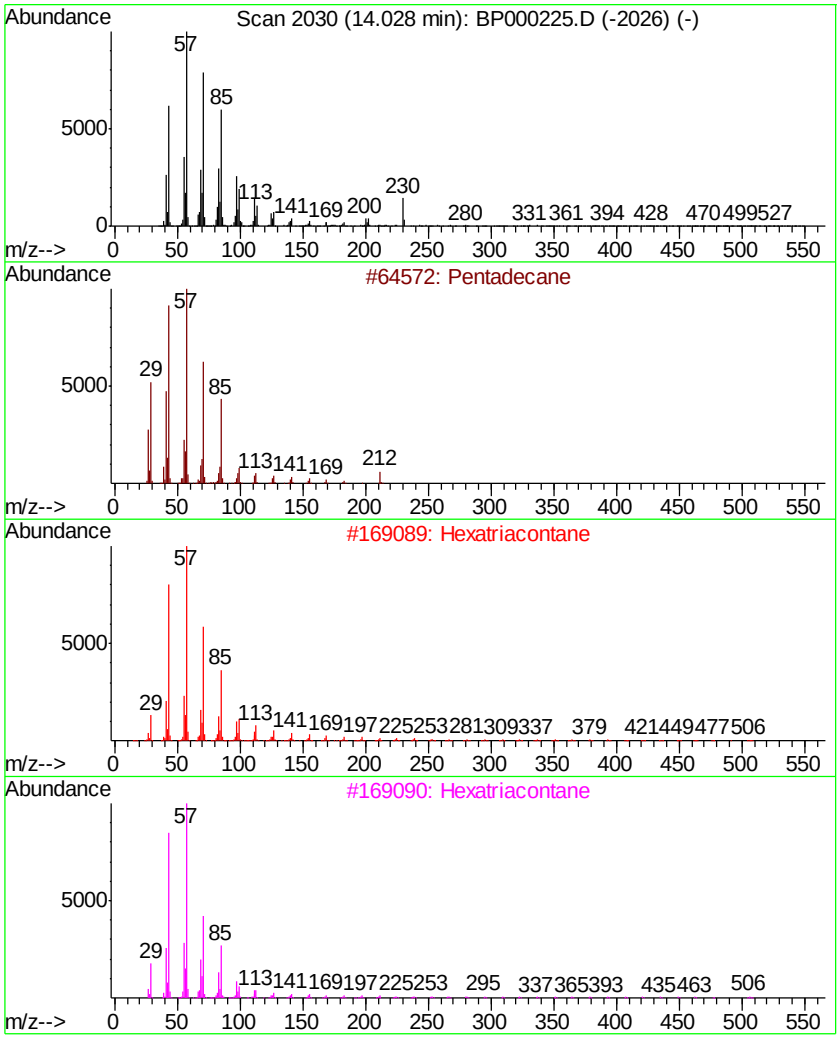
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

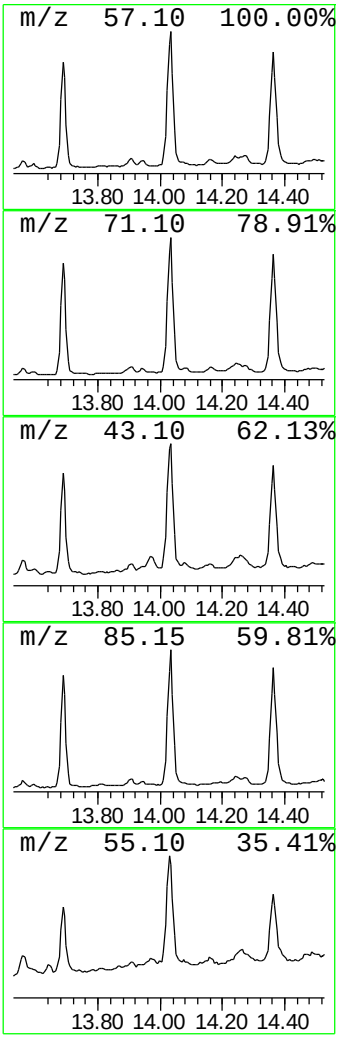
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	10.95 ng/ul	2431570	Chrysene-d12	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Hexatriacontane	507	C36H74	000630-06-8	93
3	Hexatriacontane	507	C36H74	000630-06-8	93
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
5	Tetracosane, 3-ethyl-	366	C26H54	055282-17-2	86





Library Search Compound Report

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Data File : BP000225.D
Acq On : 12 Sep 2019 19:45
Operator : HP/JU
Sample : K4633-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

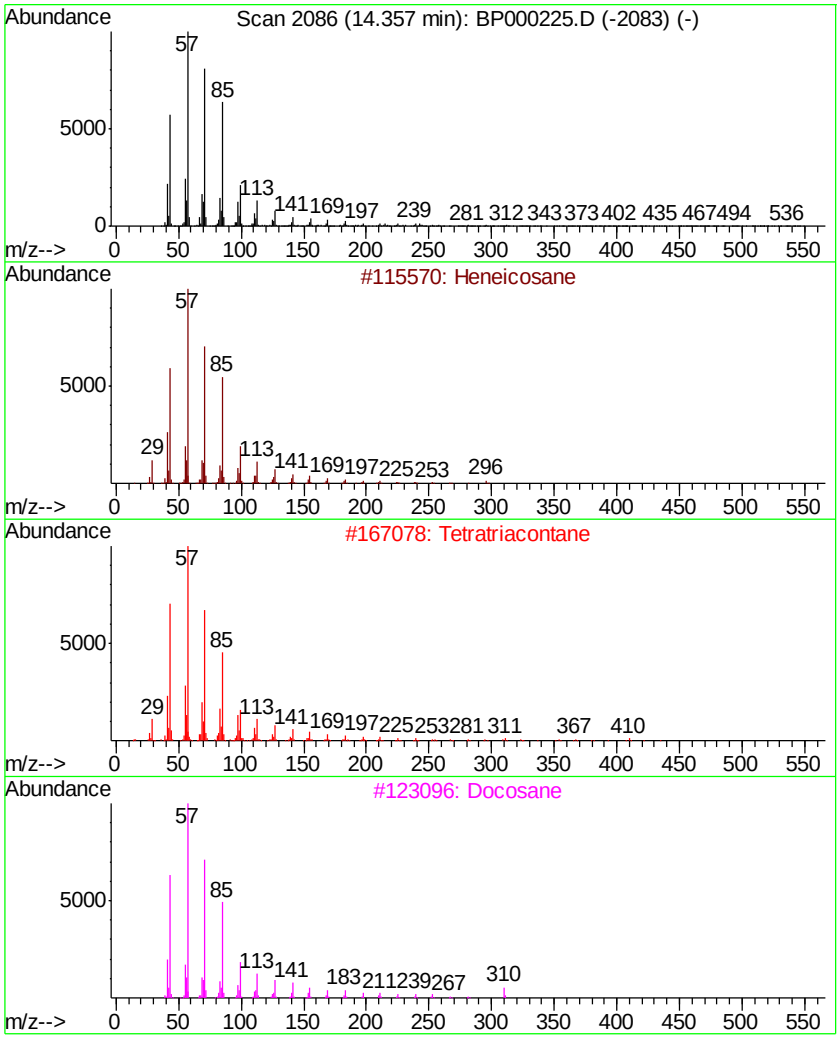
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

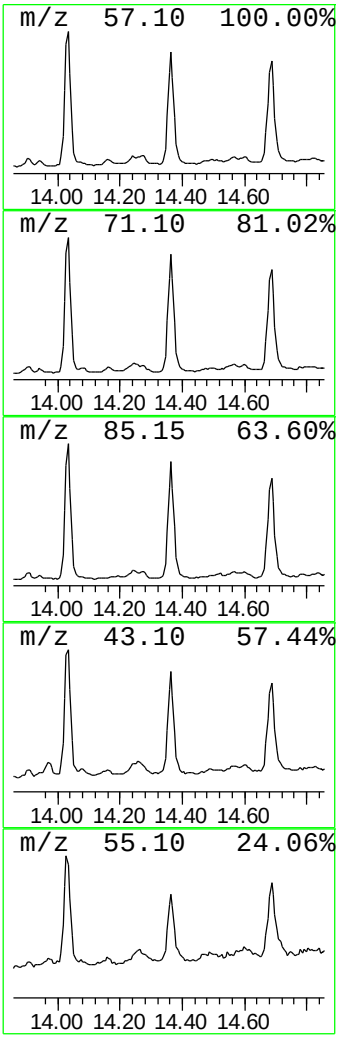
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	6.84 ng/ul	1518550	Chrysene-d12	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetratriacontane	479	C34H70	014167-59-0	90
3	Docosane	310	C22H46	000629-97-0	90
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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Acq On : 12 Sep 2019 19:45
Operator : HP/JU
Sample : K4633-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D12

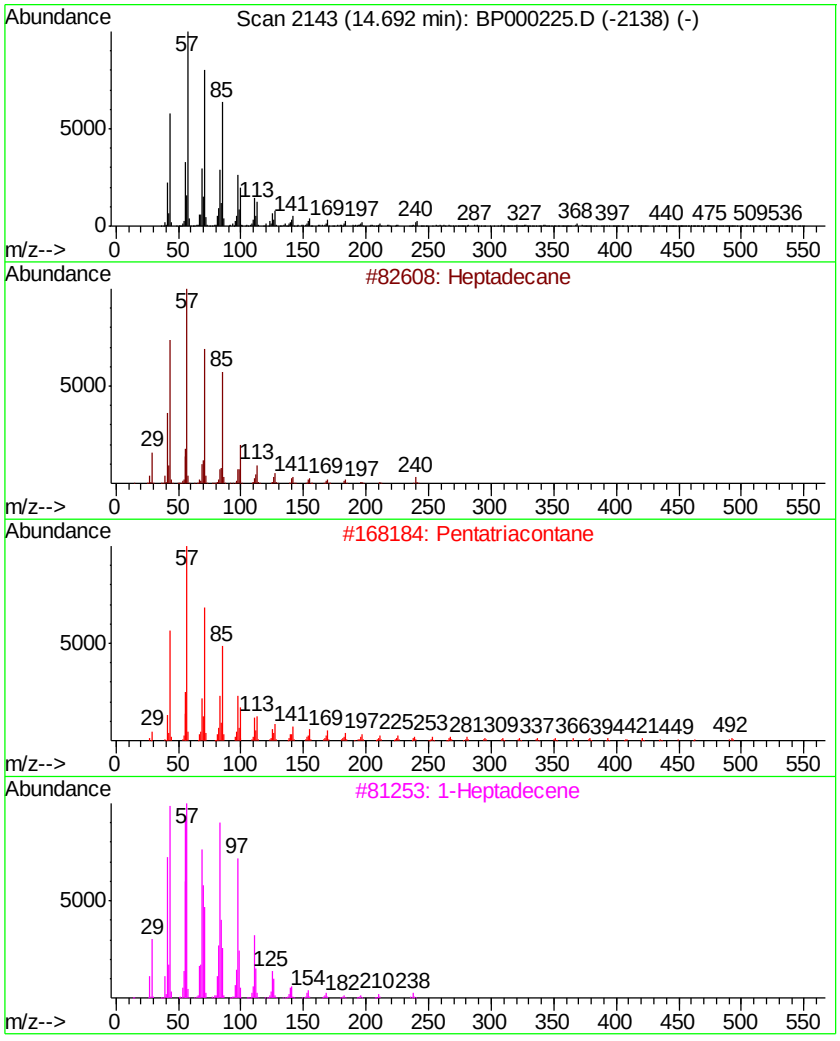
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

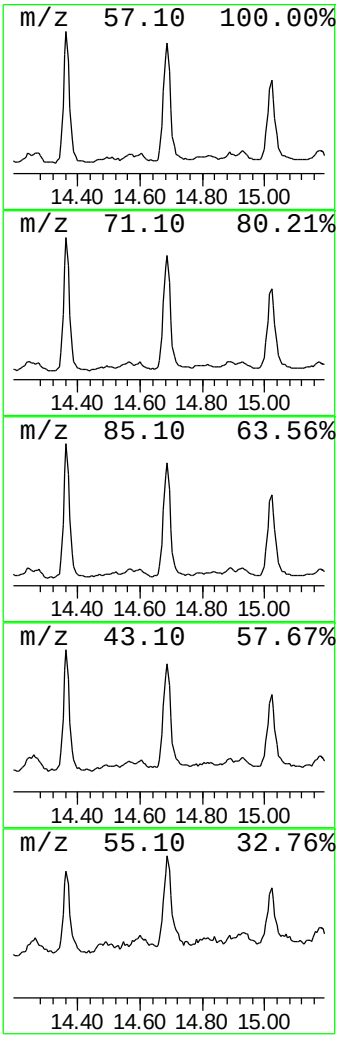
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	7.48 ng/ul	1662590	Chrysene-d12	14.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Pentatriacontane	493	C35H72	000630-07-9	94
3	1-Heptadecene	238	C17H34	006765-39-5	92
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
5	Tritetracontane	605	C43H88	007098-21-7	91





Library Search Compound Report

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Data File : BP000225.D
Acq On : 12 Sep 2019 19:45
Operator : HP/JU
Sample : K4633-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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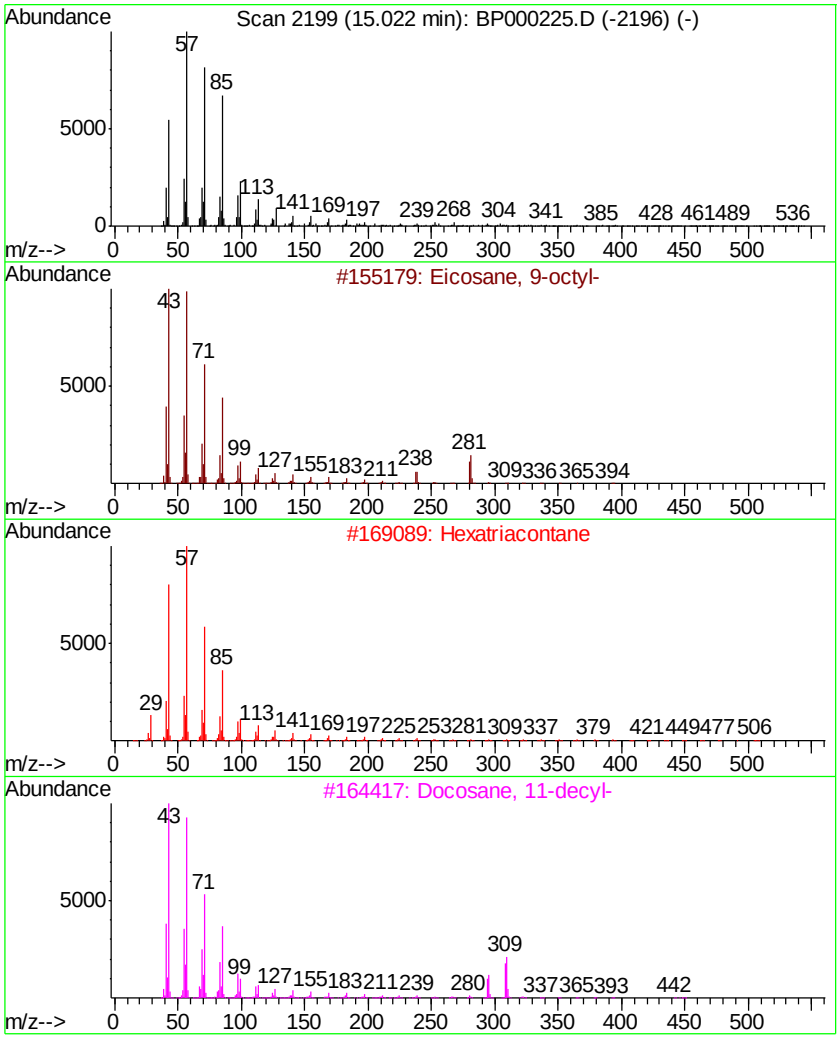
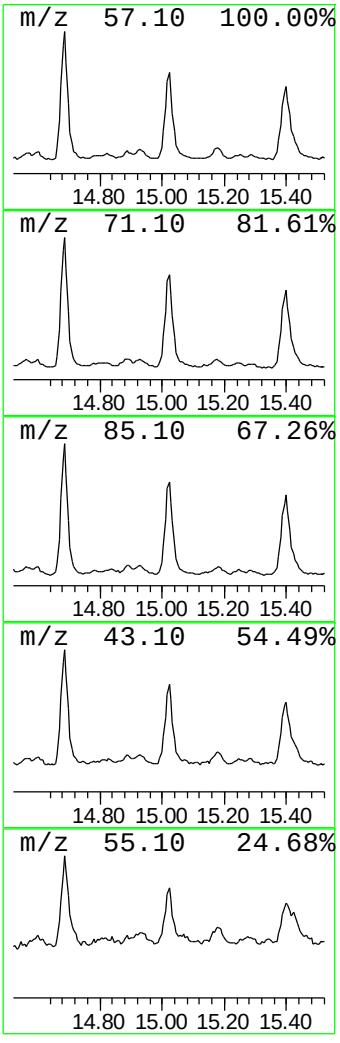
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	20.00 ng/ul	856007	Perylene-d12	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
2	Hexatriacontane	507	C36H74	000630-06-8	90
3	Docosane, 11-decyl-	451	C32H66	055401-55-3	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	86





Tentatively Identified Compound (LSC) summary

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Data File : BP000225.D
Acq On : 12 Sep 2019 19:45
Operator : HP/JU
Sample : K4633-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.17	113.1	ng/ul	10003200	1	6.90	1769560	20.0
2-Pyrrolidinone	3.78	2.2	ng/ul	197917	1	6.90	1769560	20.0
Cyclopentadecanon...	11.93	4.1	ng/ul	601041	4	11.46	2939640	20.0
Anthracene, 9-met...	11.96	2.7	ng/ul	400699	4	11.46	2939640	20.0
n-Hexadecanoic acid	12.01	18.9	ng/ul	2773450	4	11.46	2939640	20.0
Octadecanoic acid	12.81	3.4	ng/ul	501886	4	11.46	2939640	20.0
(DEL) Alkane: Str...	13.33	3.3	ng/ul	734468	5	14.18	4443110	20.0
unknown-01	13.56	5.8	ng/ul	1298140	5	14.18	4443110	20.0
(DEL) Alkane: Str...	13.69	6.3	ng/ul	1406420	5	14.18	4443110	20.0
1-Phenanthrenecar...	13.97	8.2	ng/ul	1811640	5	14.18	4443110	20.0
(DEL) Alkane: Str...	14.03	10.9	ng/ul	2431570	5	14.18	4443110	20.0
(DEL) Alkane: Str...	14.36	6.8	ng/ul	1518550	5	14.18	4443110	20.0
(DEL) Alkane: Str...	14.69	7.5	ng/ul	1662590	5	14.18	4443110	20.0
(DEL) Alkane: Str...	15.02	20.0	ng/ul	856007	6	15.79	856007	20.0