LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101919\
Data File : BP000906.D
Acq On : 19 Oct 2019 11:50
Operator : JU
Sample : K5321-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E0AA1

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-BP100919MA.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	2.340	40	43	59	rVB	22395	34669	1.36%	0.140%
2	3.704	270	275	276	rBV	2498	3317	0.13%	0.013%
3	3.734	276	280	289	rVB	5461	8924	0.35%	0.036%
4	6.387	727	731	734	rBV	157155	176667	6.92%	0.714%
5	6.422	734	737	749	rVB	675963	569608	22.30%	2.303%
6	6.510	749	752	763	rBV	736174	633666	24.81%	2.562%
7	6.740	787	791	799	rBV	769976	607448	23.78%	2.456%
8	6.804	799	802	810	rVV	28047	27420	1.07%	0.111%
9	7.128	854	857	872	rBV	568779	483328	18.92%	1.954%
10	7.298	882	886	898	rBV	882899	676156	26.47%	2.734%
11	7.516	920	923	926	rVB	11078	9290	0.36%	0.038%
12	7.628	938	942	958	rBV	623158	565333	22.13%	2.285%
13	7.816	969	974	981	rBV2	4606	7176	0.28%	0.029%
14	7.875	981	984	1006	rVV	972165	895782	35.07%	3.621%
15	8.022	1006	1009	1013	rVV	1063434	808963	31.67%	3.270%
16	8.087	1017	1020	1027	rVV	66061	61479	2.41%	0.249%
17	8.134	1027	1028	1035	rVB7	1767	3077	0.12%	0.012%
18	8.304	1054	1057	1062	rVB	5963	5477	0.21%	0.022%
19	8.657	1114	1117	1122	rBV2	2477	3083	0.12%	0.012%
20	8.704	1122	1125	1131	rBV	16099	15731	0.62%	0.064%
21	8.939	1162	1165	1169	rBV	4092	4296	0.17%	0.017%
22	8.981	1169	1172	1176	rBV2	4057	4376	0.17%	0.018%
23	9.092	1188	1191	1197	rVB3	6052	6286	0.25%	0.025%
24	9.481	1253	1257	1259	rBV	1578031	1271031	49.76%	5.138%
25	9.498	1259	1260	1266	rVB	222356	162515	6.36%	0.657%
26	9.633	1279	1283	1286	rBV	1883343	1636090	64.05%	6.614%
27	9.722	1295	1298	1302	rVB4	4117	4812	0.19%	0.019%
28	9.786	1305	1309	1312	rBV	1310102	1020900	39.97%	4.127%
29	9.881	1322	1325	1327	rBV2	4636	4003	0.16%	0.016%
30	9.916	1327	1331	1342	rVV	51733	84247	3.30%	0.341%
31	10.004	1342	1346	1350	rVB6	6928	10236	0.40%	0.041%
32	10.122	1362	1366	1371	rBV4	3879	4995	0.20%	0.020%
33	10.198	1377	1379	1382	rBV2	4226	4548	0.18%	0.018%
34	10.228	1382	1384	1388	rVB	4390	3531	0.14%	0.014%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101919\
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Acq On : 19 Oct 2019 11:50
Operator : JU
Sample : K5321-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E0AA1

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-BP100919MA.M
Title : SVOA CALIBRATION

35	10.310	1394	1398	1401	rBV	2365744	1944204	76.11%	7.860%
36	10.386	1408	1411	1417	rBV	375659	336302	13.17%	1.360%
37	10.433	1417	1419	1429	rVV	32878	44200	1.73%	0.179%
38	10.504	1429	1431	1433	rVV2	4433	3943	0.15%	0.016%
39	10.533	1433	1436	1439	rVB	7074	5982	0.23%	0.024%
40	10.616	1447	1450	1456	rBV6	3093	4511	0.18%	0.018%
41	10.704	1462	1465	1467	rBV4	3058	3375	0.13%	0.014%
42	10.733	1467	1470	1474	rVB	9929	9290	0.36%	0.038%
43	11.098	1529	1532	1535	rVB	5018	4503	0.18%	0.018%
44	11.163	1539	1543	1550	rBV2	6172	8911	0.35%	0.036%
45	11.239	1553	1556	1560	rBV6	2086	2969	0.12%	0.012%
46	11.280	1560	1563	1567	rVV	1241279	1120557	43.87%	4.530%
47	11.339	1569	1573	1577	rVV	2377008	2090794	81.85%	8.452%
48	11.404	1581	1584	1590	rVV8	5397	7318	0.29%	0.030%
49	11.457	1590	1593	1598	rVB	4922	5616	0.22%	0.023%
50	11.504	1598	1601	1607	rBV2	2914	3989	0.16%	0.016%
51	11.586	1613	1615	1621	rVB5	3245	3865	0.15%	0.016%
52	11.680	1628	1631	1637	rVB7	3208	5250	0.21%	0.021%
53	11.828	1652	1656	1657	rBV2	5066	5450	0.21%	0.022%
54	11.998	1682	1685	1692	rBV4	5151	6967	0.27%	0.028%
55	12.186	1714	1717	1722	rVB2	4472	4773	0.19%	0.019%
56	12.392	1750	1752	1756	rVB	9935	8195	0.32%	0.033%
57	12.492	1766	1769	1775	rVB	31574	27171	1.06%	0.110%
58	12.651	1792	1796	1800	rVB	25592	22339	0.87%	0.090%
59	12.727	1804	1809	1812	rVV	2858485	2457979	96.23%	9.937%
60	12.769	1812	1816	1818	rVV	21487	23441	0.92%	0.095%
61	12.792	1818	1820	1824	rVB	21695	17556	0.69%	0.071%
62	13.133	1873	1878	1883	rBV	37494	37358	1.46%	0.151%
63	13.280	1901	1903	1906	rVB3	3027	2926	0.11%	0.012%
64	13.363	1912	1917	1918	rBV4	8991	12165	0.48%	0.049%
65	13.457	1930	1933	1934	rBV	5157	4330	0.17%	0.018%
66	13.480	1934	1937	1939	rVV	60394	53232	2.08%	0.215%
67	13.504	1939	1941	1945	rVB4	6986	6695	0.26%	0.027%
68	13.574	1950	1953	1958	rVV	22393	18194	0.71%	0.074%
69	13.692	1967	1973	1975	rBV3	9348	15333	0.60%	0.062%
70	13.722	1976	1978	1981	rVV3	4216	4558	0.18%	0.018%
71	13.810	1987	1993	2008	rBV2	156129	257945	10.10%	1.043%

LSC Area Percent Report

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Acq On : 19 Oct 2019 11:50
Operator : JU
Sample : K5321-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E0AA1

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-BP100919MA.M
Title : SVOA CALIBRATION

72	13.957	2014	2018	2022	rBV	1411559	1238024	48.47%	5.005%
73	14.016	2026	2028	2030	rVV2	7443	6366	0.25%	0.026%
74	14.051	2031	2034	2039	rVB3	9961	12271	0.48%	0.050%
75	14.133	2044	2048	2052	rBV	125435	107608	4.21%	0.435%
76	14.327	2079	2081	2084	rVV2	6108	4708	0.18%	0.019%
77	14.363	2085	2087	2092	rVB	5906	5100	0.20%	0.021%
78	14.439	2097	2100	2104	rBV	128561	126464	4.95%	0.511%
79	14.751	2149	2153	2158	rBV	155232	151044	5.91%	0.611%
80	14.957	2185	2188	2192	rVB	35498	34263	1.34%	0.139%
81	15.086	2206	2210	2218	rBV	159808	184805	7.23%	0.747%
82	15.345	2248	2254	2264	rVB	2139829	2554399	100.00%	10.327%
83	15.433	2264	2269	2273	rVV	1083747	1327848	51.98%	5.368%
84	15.468	2273	2275	2282	rVB	146141	163064	6.38%	0.659%
85	15.904	2344	2349	2355	rBV	119185	174878	6.85%	0.707%
86	16.404	2428	2434	2443	rBV2	83502	165692	6.49%	0.670%
87	16.998	2531	2535	2545	rVB	34467	68705	2.69%	0.278%

Sum of corrected areas: 24735885

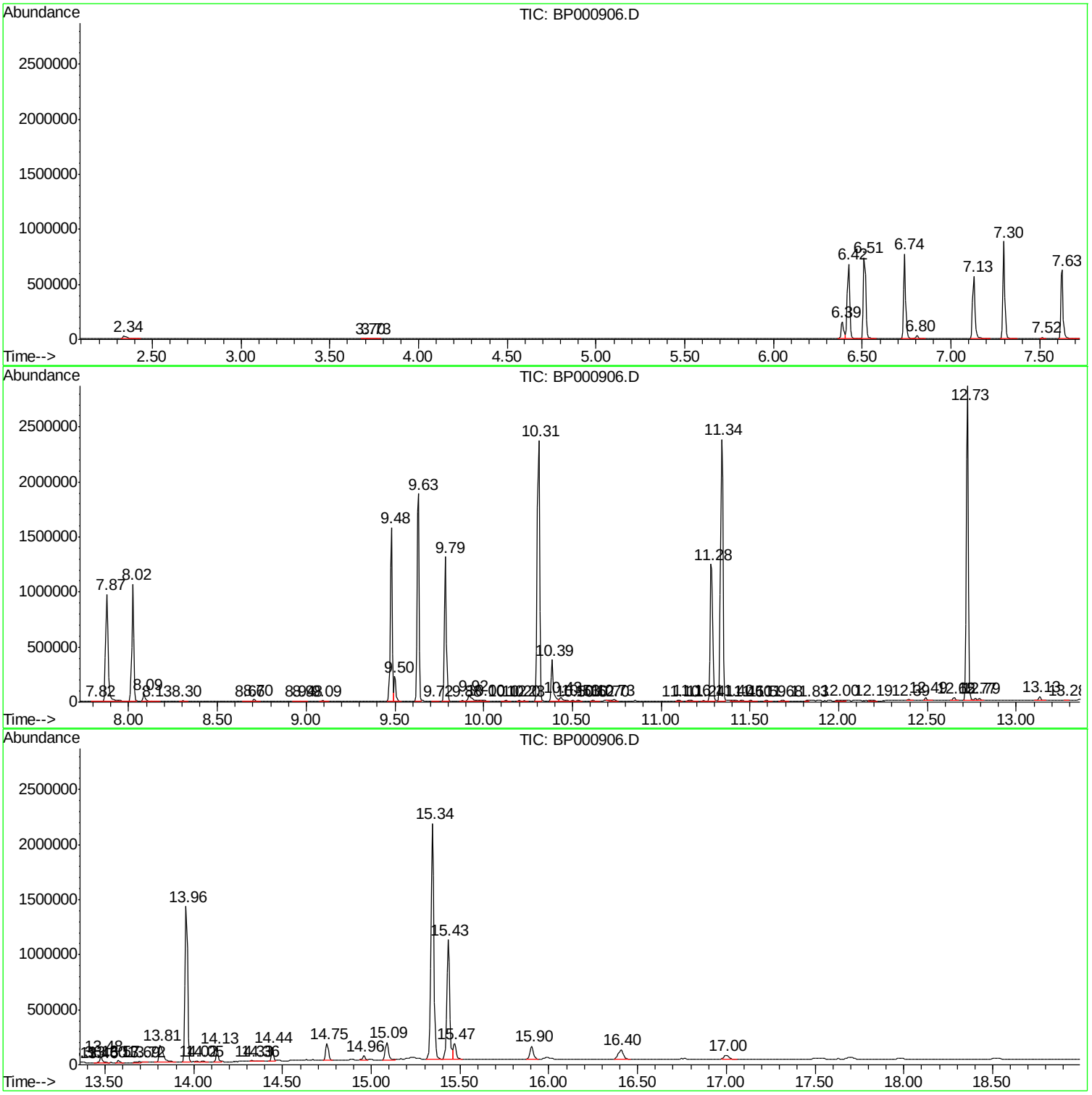
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101919\
Data File : BP000906.D
Acq On : 19 Oct 2019 11:50
Operator : JU
Sample : K5321-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E0AA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.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\BP101919\
Data File : BP000906.D
Acq On : 19 Oct 2019 11:50
Operator : JU
Sample : K5321-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E0AA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

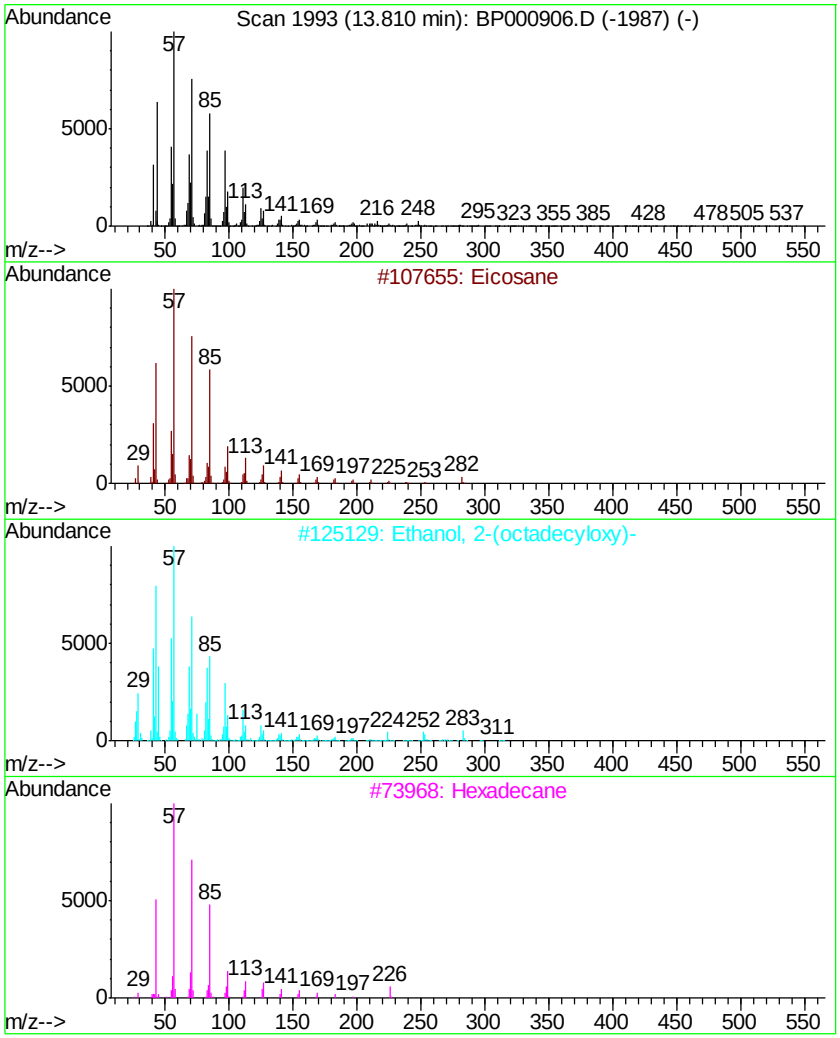
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

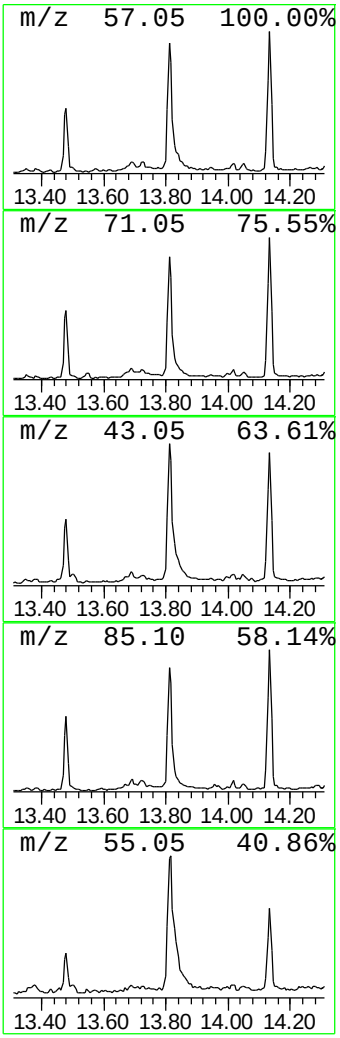
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	4.17 ng/ul	257945	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	91
3	Hexadecane	226	C16H34	000544-76-3	87
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	87
5	Pentadecane	212	C15H32	000629-62-9	60





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101919\
Data File : BP000906.D
Acq On : 19 Oct 2019 11:50
Operator : JU
Sample : K5321-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E0AA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

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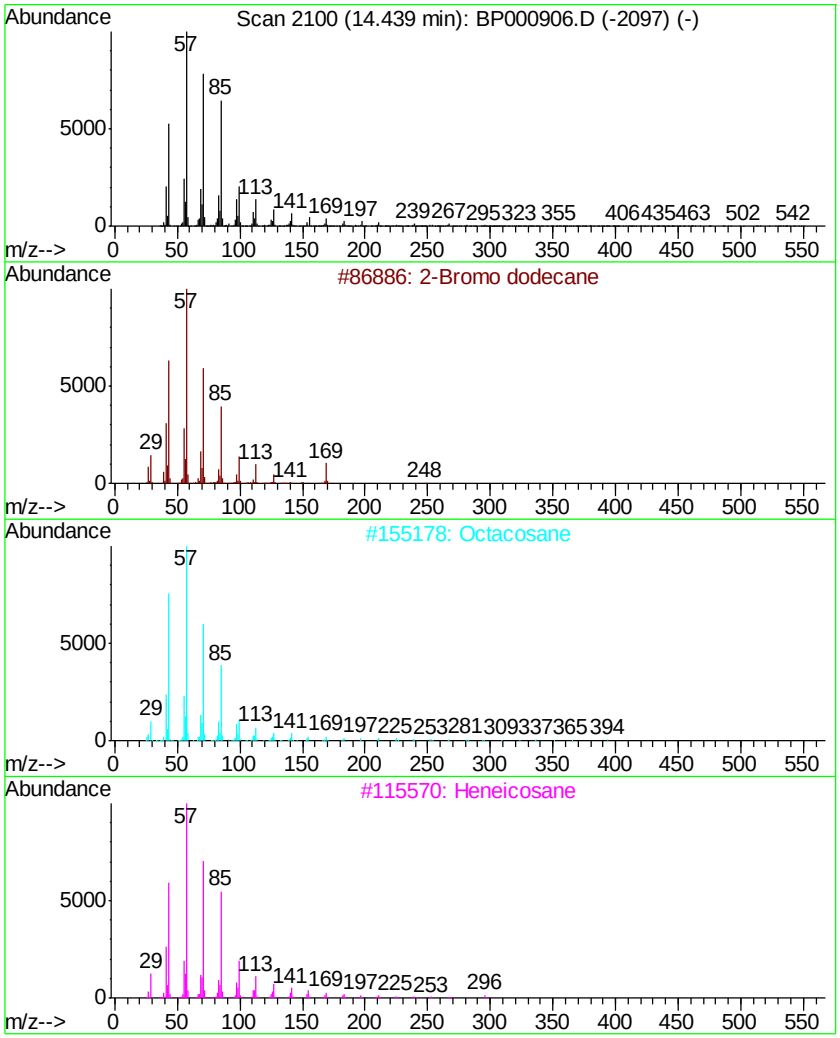
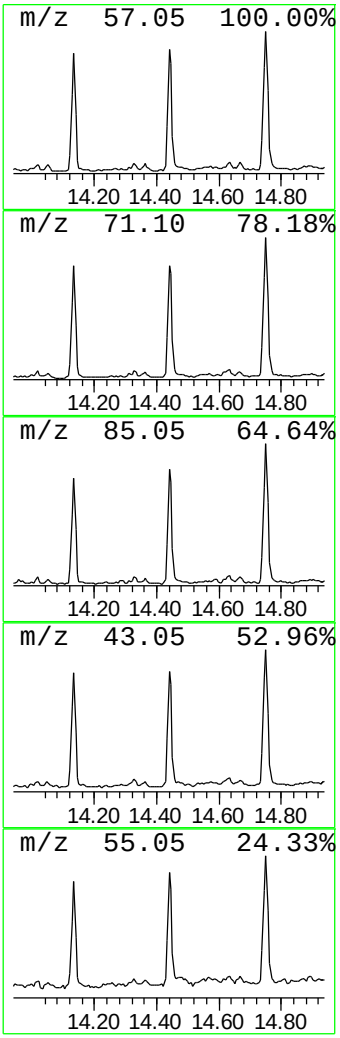
Peak Number 2 2-Bromo dodecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.44	2.04 ng/ul	126464	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Hentriacontane	437	C31H64	000630-04-6	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101919\
Data File : BP000906.D
Acq On : 19 Oct 2019 11:50
Operator : JU
Sample : K5321-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E0AA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

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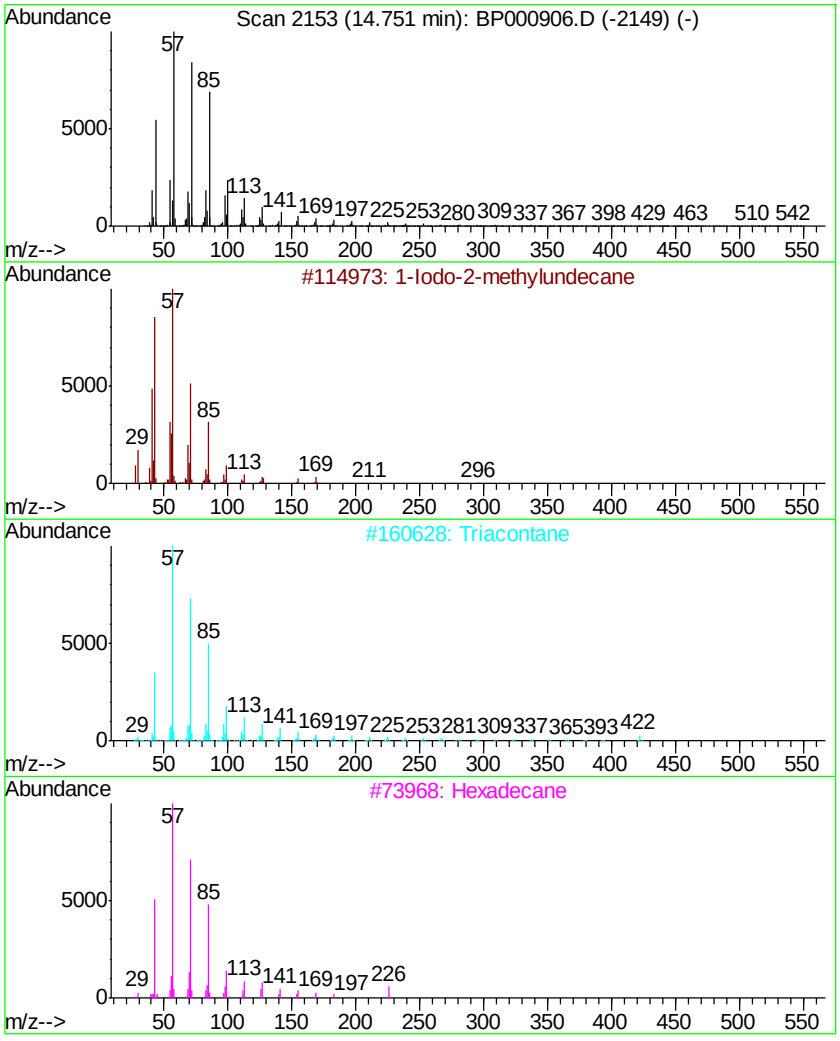
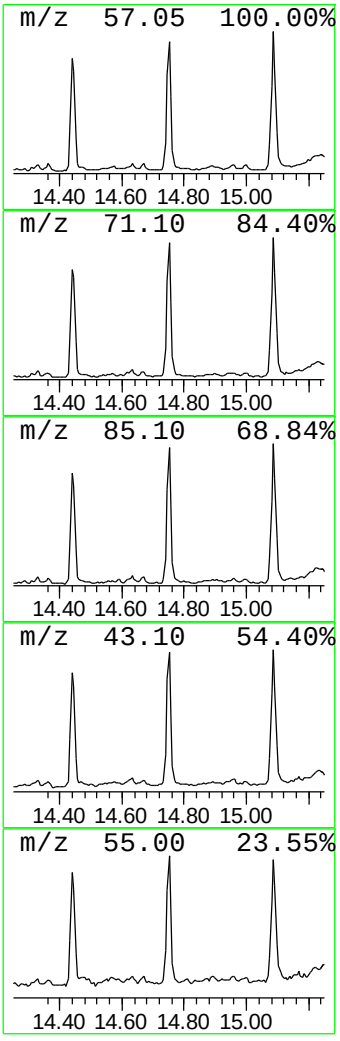
Peak Number 3 1-Iodo-2-methylundecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	2.28 ng/ul	151044	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	94
2	Triacontane	422	C30H62	000638-68-6	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tetratriacontane	479	C34H70	014167-59-0	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101919\
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Acq On : 19 Oct 2019 11:50
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Sample : K5321-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E0AA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

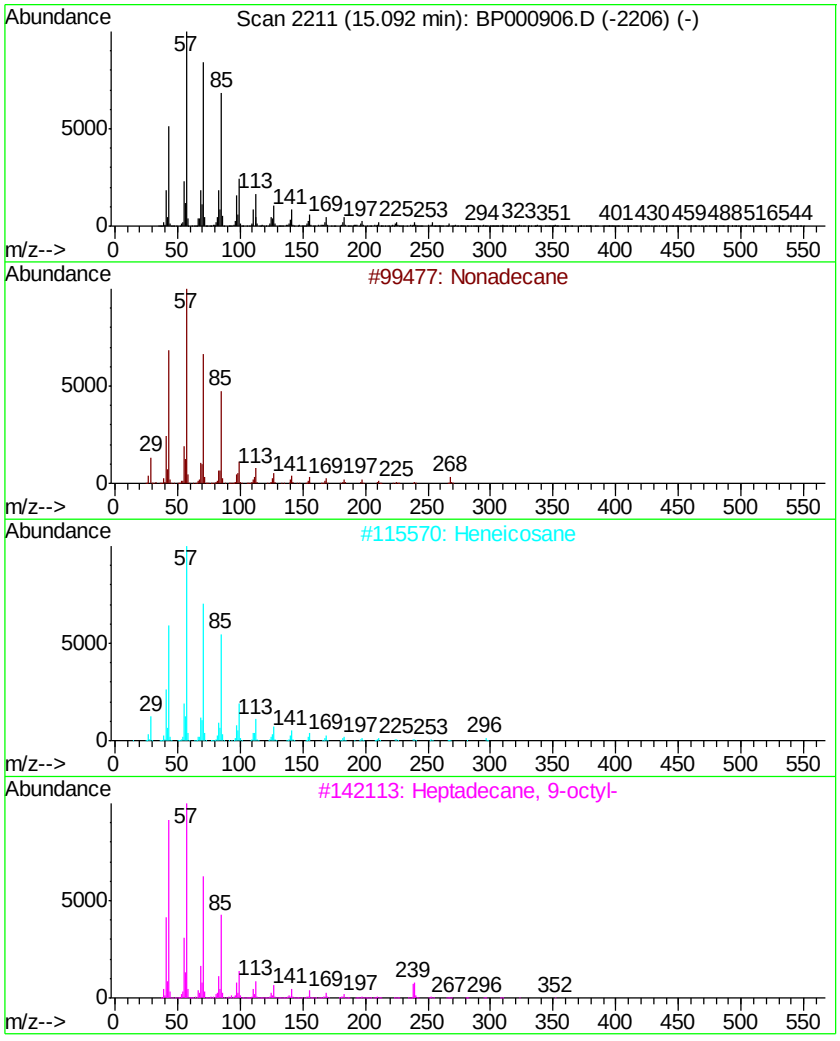
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

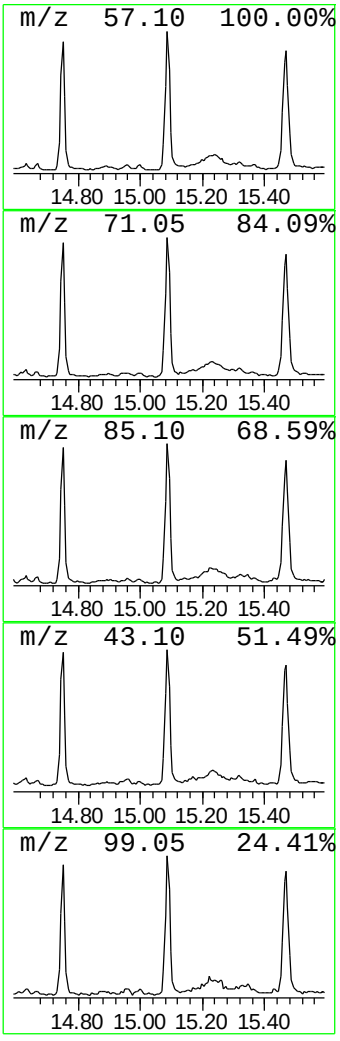
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.78 ng/ul	184805	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
5	Pentacosane	352	C25H52	000629-99-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101919\
Data File : BP000906.D
Acq On : 19 Oct 2019 11:50
Operator : JU
Sample : K5321-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E0AA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

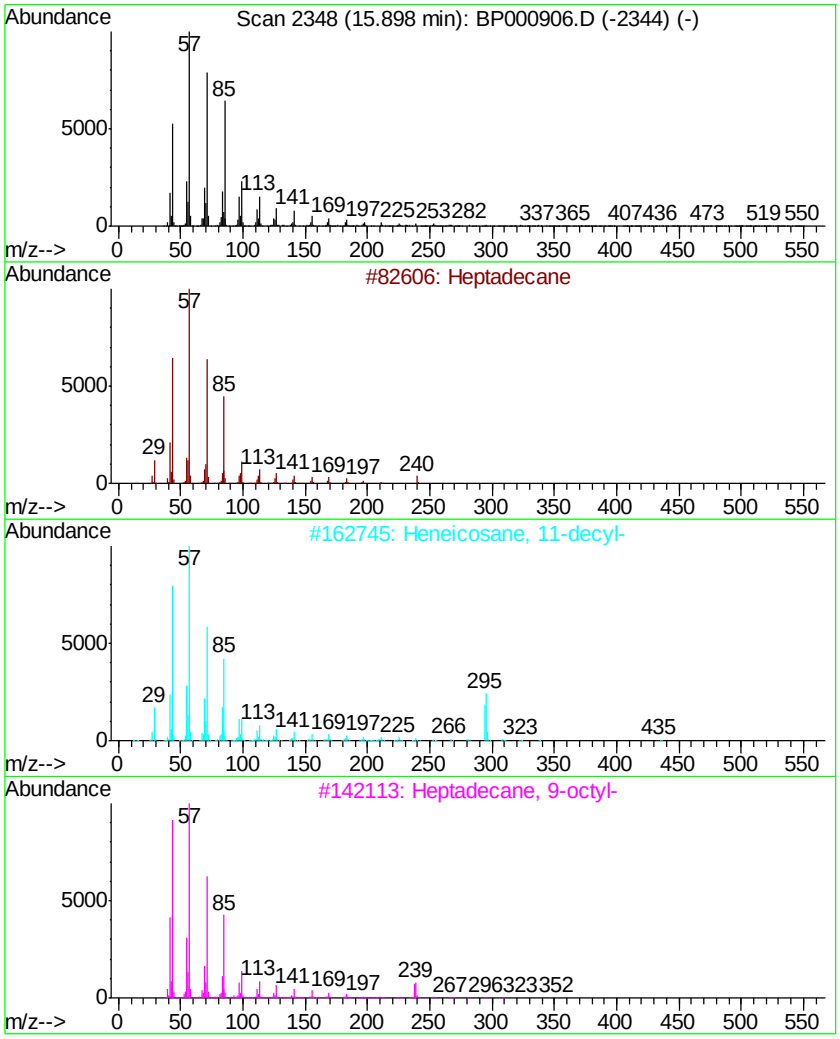
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

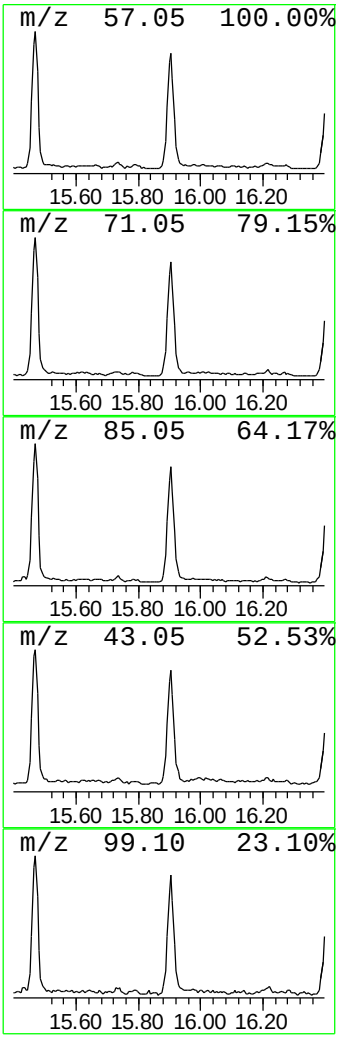
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	2.63 ng/ul	174878	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101919\
Data File : BP000906.D
Acq On : 19 Oct 2019 11:50
Operator : JU
Sample : K5321-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E0AA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

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

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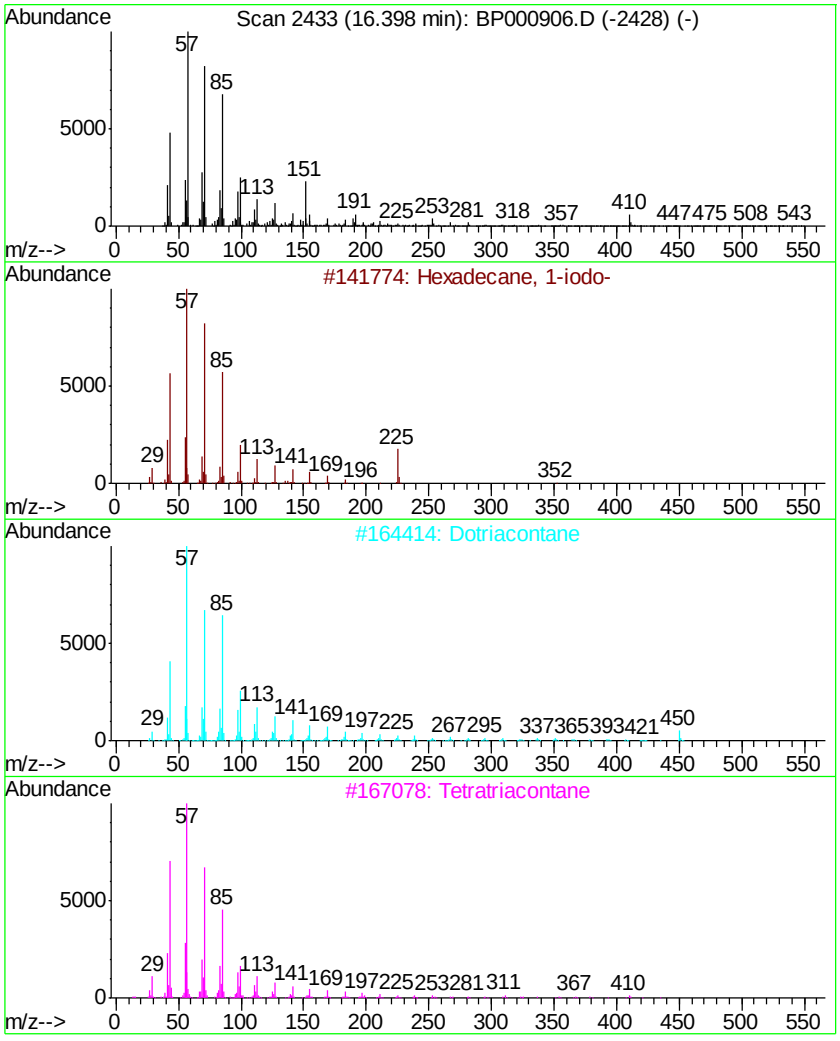
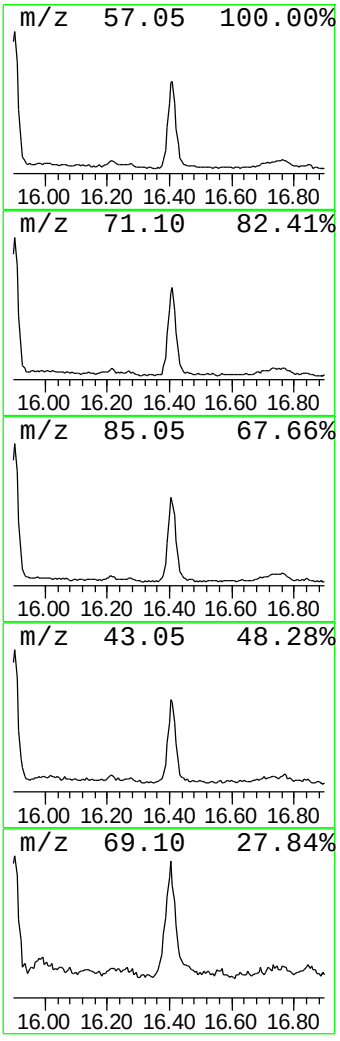
Peak Number 6 Hexadecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	2.50 ng/ul	165692	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2	Dotriacontane	451	C32H66	000544-85-4	93
3	Tetratriacontane	479	C34H70	014167-59-0	90
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5	Tetracosane	338	C24H50	000646-31-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101919\
Data File : BP000906.D
Acq On : 19 Oct 2019 11:50
Operator : JU
Sample : K5321-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E0AA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.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
(DEL) Alkane: Str...	13.81	4.2	ng/ul	257945	5	13.96	1238020	20.0
2-Bromo dodecane	14.44	2.0	ng/ul	126464	5	13.96	1238020	20.0
1-Iodo-2-methylun...	14.75	2.3	ng/ul	151044	6	15.43	1327850	20.0
(DEL) Alkane: Str...	15.09	2.8	ng/ul	184805	6	15.43	1327850	20.0
(DEL) Alkane: Str...	15.90	2.6	ng/ul	174878	6	15.43	1327850	20.0
Hexadecane, 1-iodo-	16.40	2.5	ng/ul	165692	6	15.43	1327850	20.0