LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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	2.175	7	15	19	rBV	10816499	17675397	100.00%	10.414%
2	2.616	85	90	97	rVB	86139	127549	0.72%	0.075%
3	3.969	316	320	324	rVV	115851	159532	0.90%	0.094%
4	4.199	352	359	367	rBV2	53941	76648	0.43%	0.045%
5	5.087	506	510	515	rVB	131964	128750	0.73%	0.076%
6	6.022	666	669	673	rVB	88378	69486	0.39%	0.041%
7	6.510	748	752	759	rVV2	2874522	2936340	16.61%	1.730%
8	6.575	759	763	767	rVV	2475612	2124302	12.02%	1.252%
9	6.663	774	778	781	rVV	2979949	2732302	15.46%	1.610%
10	6.893	814	817	821	rBV	3311067	2553833	14.45%	1.505%
11	7.263	876	880	883	rVV	3390154	2970719	16.81%	1.750%
12	7.446	907	911	915	rVV	2679984	2416166	13.67%	1.424%
13	7.663	944	948	950	rBV	97415	80613	0.46%	0.047%
14	7.775	963	967	970	rBV	2576664	1955263	11.06%	1.152%
15	8.016	1004	1008	1011	rBV	4071825	3139367	17.76%	1.850%
16	8.081	1016	1019	1024	rVB	224959	213377	1.21%	0.126%
17	8.181	1032	1036	1039	rBV	3960456	3315734	18.76%	1.954%
18	8.228	1041	1044	1056	rVB	1013800	924108	5.23%	0.544%
19	9.163	1201	1203	1207	rVV2	123148	100386	0.57%	0.059%
20	9.357	1224	1236	1238	rBV4	41788	101929	0.58%	0.060%
21	9.446	1248	1251	1257	rVB	134893	119509	0.68%	0.070%
22	9.604	1274	1278	1280	rBV	325700	310348	1.76%	0.183%
23	9.634	1280	1283	1285	rVV	4844182	3958097	22.39%	2.332%
24	9.657	1285	1287	1290	rVB	1696456	1273674	7.21%	0.750%
25	9.793	1306	1310	1313	rBV	5886449	5039342	28.51%	2.969%
26	9.898	1323	1328	1331	rBV	854421	648413	3.67%	0.382%
27	9.946	1331	1336	1339	rVV	4801386	3805452	21.53%	2.242%
28	9.981	1339	1342	1347	rVB2	150094	157425	0.89%	0.093%
29	10.034	1347	1351	1356	rBV	1730237	1497297	8.47%	0.882%
30	10.110	1361	1364	1367	rBV	180289	136127	0.77%	0.080%
31	10.146	1367	1370	1376	rBV2	185204	174979	0.99%	0.103%
32	10.469	1421	1425	1428	rBV	6966436	5615100	31.77%	3.308%
33	10.493	1428	1429	1432	rVV2	188003	102148	0.58%	0.060%
34	10.528	1432	1435	1443	rVV	964645	765524	4.33%	0.451%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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	10.598	1443	1447	1451	rVV	95548	94574	0.54%	0.056%
36	10.740	1467	1471	1474	rBV	205563	182826	1.03%	0.108%
37	11.398	1581	1583	1587	rVV2	109226	108655	0.61%	0.064%
38	11.451	1588	1592	1594	rVV	4053281	3832055	21.68%	2.258%
39	11.469	1594	1595	1598	rVV	908811	735053	4.16%	0.433%
40	11.504	1598	1601	1608	rVV	5869004	5322609	30.11%	3.136%
41	11.675	1625	1630	1633	rBV2	154104	169400	0.96%	0.100%
42	11.922	1668	1672	1674	rBV3	71138	88903	0.50%	0.052%
43	11.957	1675	1678	1680	rBV	131696	117591	0.67%	0.069%
44	12.004	1680	1686	1689	rBV2	3124267	3645463	20.62%	2.148%
45	12.069	1695	1697	1700	rVB	139532	124296	0.70%	0.073%
46	12.175	1711	1715	1721	rVB7	58332	96592	0.55%	0.057%
47	12.257	1726	1729	1731	rBV	117737	108693	0.61%	0.064%
48	12.281	1731	1733	1739	rVB	140129	129041	0.73%	0.076%
49	12.345	1742	1744	1750	rVB5	64523	81020	0.46%	0.048%
50	12.516	1771	1773	1777	rBV	92002	94594	0.54%	0.056%
51	12.604	1785	1788	1789	rBV	99312	90339	0.51%	0.053%
52	12.628	1789	1792	1796	rBV	453757	401673	2.27%	0.237%
53	12.681	1796	1801	1806	rBV	2301240	2263772	12.81%	1.334%
54	12.722	1806	1808	1816	rVB5	218767	363499	2.06%	0.214%
55	12.810	1818	1823	1832	rBV3	1875401	2287683	12.94%	1.348%
56	12.898	1834	1838	1840	rBV	5471942	5635402	31.88%	3.320%
57	12.998	1852	1855	1858	rVB	498603	476619	2.70%	0.281%
58	13.039	1859	1862	1864	rVV	102176	109184	0.62%	0.064%
59	13.069	1864	1867	1872	rVB2	147183	207018	1.17%	0.122%
60	13.228	1891	1894	1895	rBV3	106289	103214	0.58%	0.061%
61	13.251	1896	1898	1901	rVB2	160124	132807	0.75%	0.078%
62	13.298	1903	1906	1907	rVV2	76528	76212	0.43%	0.045%
63	13.322	1907	1910	1913	rVV	176595	189843	1.07%	0.112%
64	13.357	1913	1916	1918	rVV	254611	238020	1.35%	0.140%
65	13.381	1918	1920	1923	rVB	90523	82480	0.47%	0.049%
66	13.416	1924	1926	1930	rBV3	61984	69907	0.40%	0.041%
67	13.451	1930	1932	1935	rVB	130523	103165	0.58%	0.061%
68	13.487	1935	1938	1943	rBV3	137621	213812	1.21%	0.126%
69	13.545	1944	1948	1957	rVV3	279483	505669	2.86%	0.298%
70	13.681	1968	1971	1975	rVB3	410509	509634	2.88%	0.300%
71	13.734	1976	1980	1984	rBV	561208	755148	4.27%	0.445%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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	13.769	1984	1986	1990	rVB	317922	356562	2.02%	0.210%
73	13.881	2001	2005	2009	rBV2	338358	523873	2.96%	0.309%
74	13.939	2013	2015	2019	rVV2	146521	194895	1.10%	0.115%
75	13.981	2019	2022	2023	rVV2	220997	204264	1.16%	0.120%
76	14.010	2023	2027	2033	rVB3	1209260	1868030	10.57%	1.101%
77	14.151	2044	2051	2057	rBV3	7245531	11331876	64.11%	6.677%
78	14.234	2059	2065	2072	rVB3	1027968	1697584	9.60%	1.000%
79	14.351	2081	2085	2093	rVB3	366851	705520	3.99%	0.416%
80	14.481	2095	2107	2110	rBV3	2467074	7143955	40.42%	4.209%
81	14.581	2121	2124	2127	rVB2	206844	215233	1.22%	0.127%
82	14.669	2135	2139	2147	rVB	916292	1399507	7.92%	0.825%
83	15.004	2192	2196	2202	rBV	671257	1190486	6.74%	0.701%
84	15.075	2205	2208	2216	rVB	668091	999160	5.65%	0.589%
85	15.233	2230	2235	2244	rBV	1422347	3063918	17.33%	1.805%
86	15.381	2255	2260	2269	rVB2	1387919	2933481	16.60%	1.728%
87	15.557	2286	2290	2292	rBV	697251	969254	5.48%	0.571%
88	15.598	2292	2297	2300	rVV	2718861	3561452	20.15%	2.098%
89	15.698	2308	2314	2323	rBV2	2077542	3460585	19.58%	2.039%
90	15.798	2326	2331	2338	rVB	745763	1446189	8.18%	0.852%
91	16.286	2406	2414	2428	rVB	2213466	5925207	33.52%	3.491%
92	16.845	2504	2509	2515	rVB3	346755	697263	3.94%	0.411%
93	17.269	2576	2581	2586	rBV2	375343	754761	4.27%	0.445%
94	17.498	2612	2620	2628	rBV2	1682662	4413678	24.97%	2.601%
95	17.580	2629	2634	2647	rVB2	671394	1846277	10.45%	1.088%
96	17.957	2689	2698	2710	rVB3	1903455	5085014	28.77%	2.996%
97	18.163	2727	2733	2744	rVB2	975108	2458726	13.91%	1.449%
98	18.427	2771	2778	2793	rBV	1242437	3729004	21.10%	2.197%
99	18.845	2845	2849	2860	rVB	726236	1914308	10.83%	1.128%
100	18.957	2861	2868	2870	rBV2	1226773	2480735	14.03%	1.462%

Sum of corrected areas: 169722498

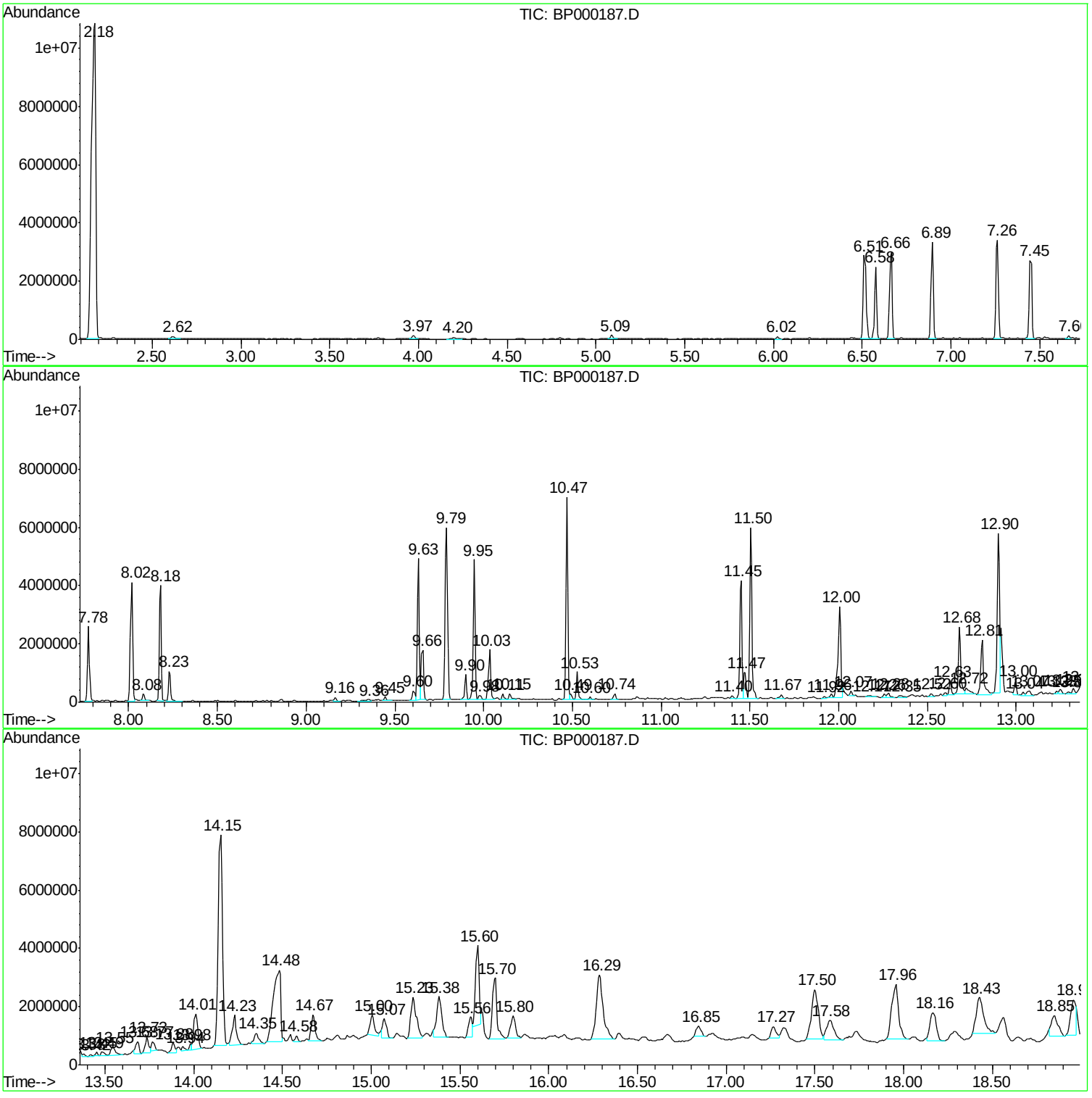
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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

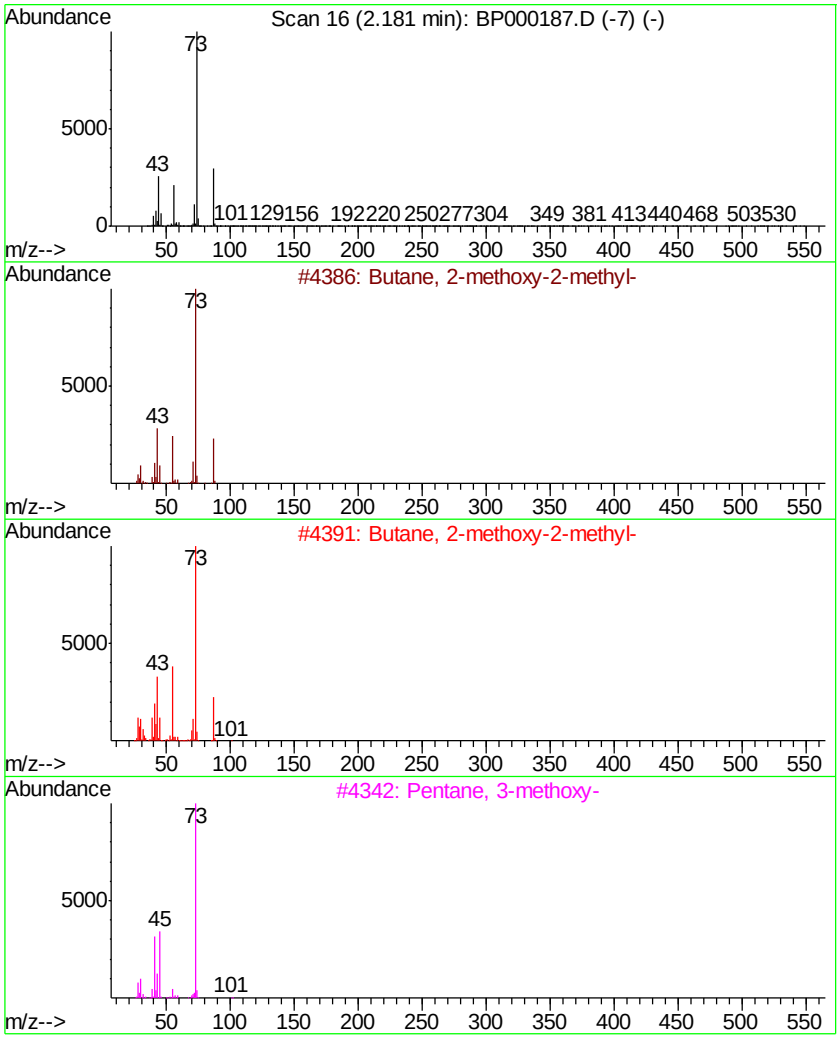
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

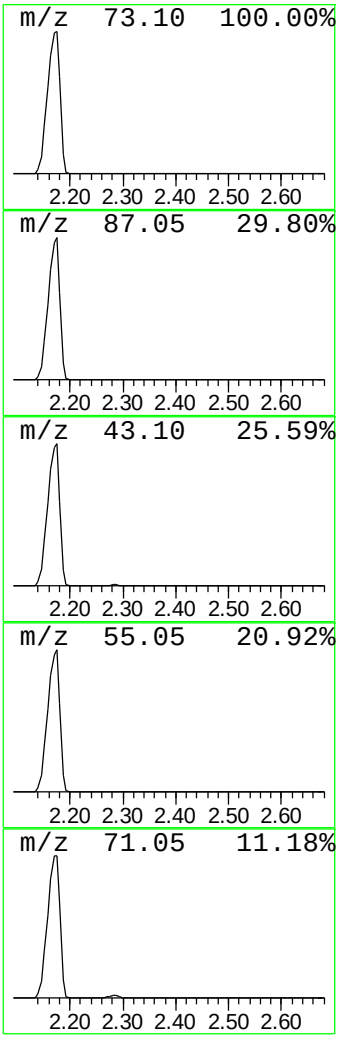
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	138.42 ng/ul	17675400	1,4-Dichlorobenzene-d4	6.89

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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

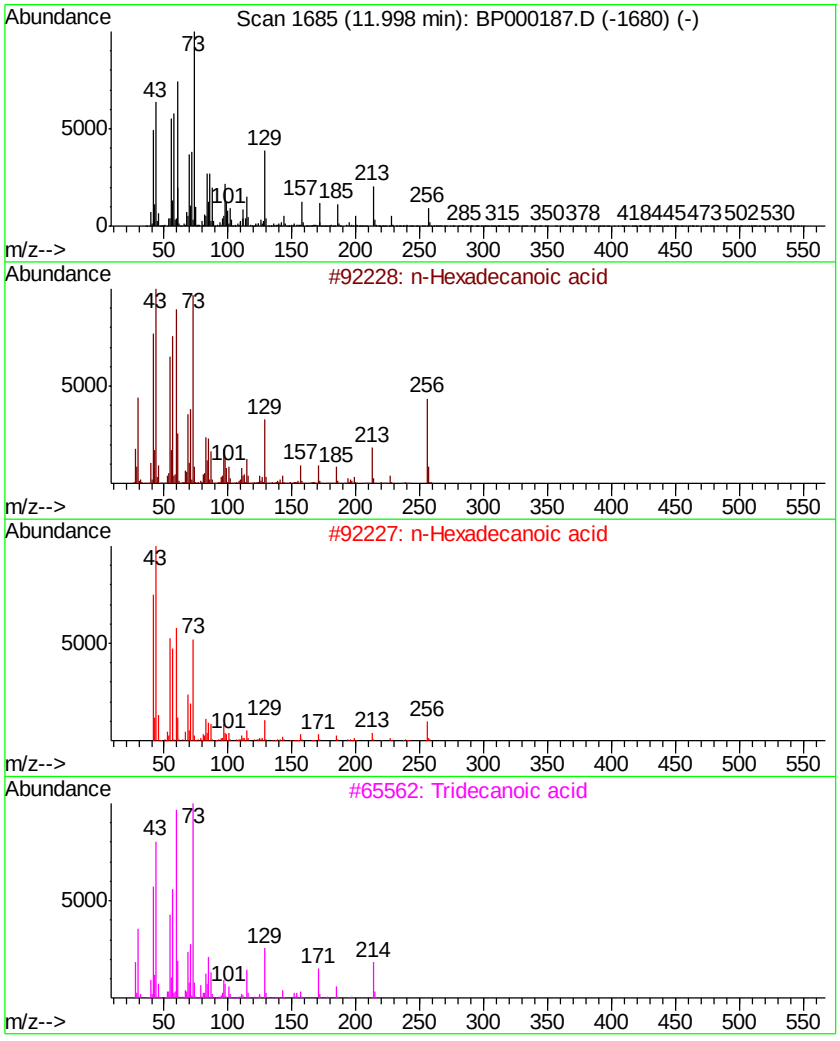
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

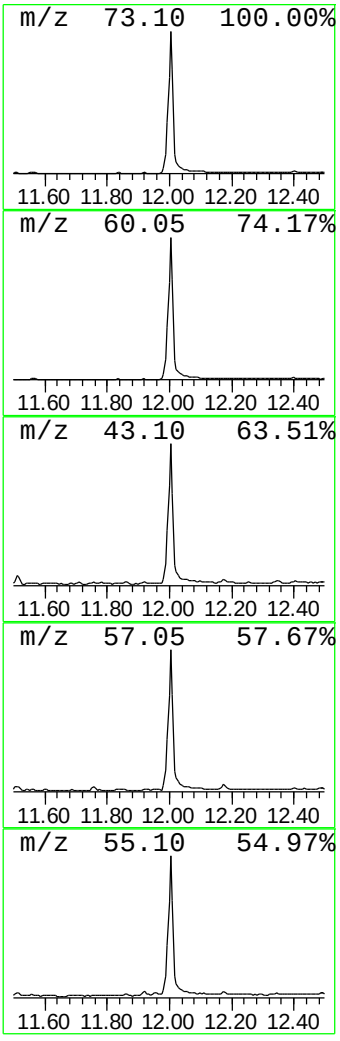
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	19.03 ng/ul	3645460	Phenanthrene-d10	11.45

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	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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

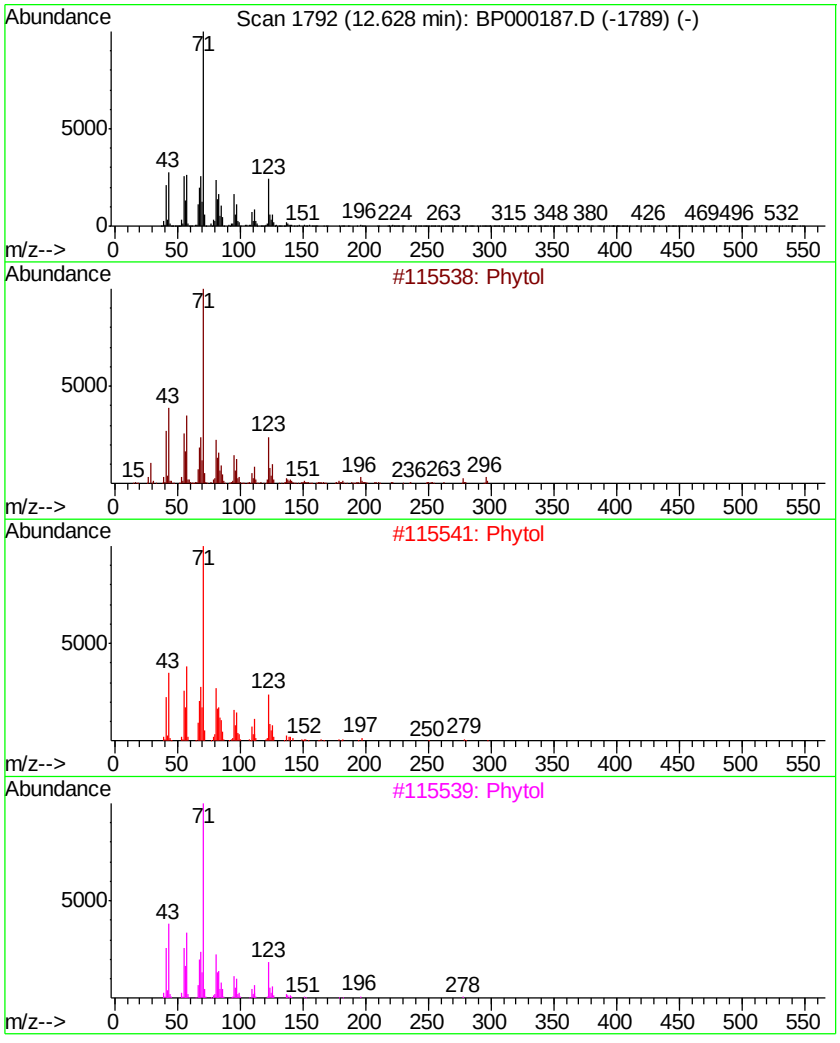
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

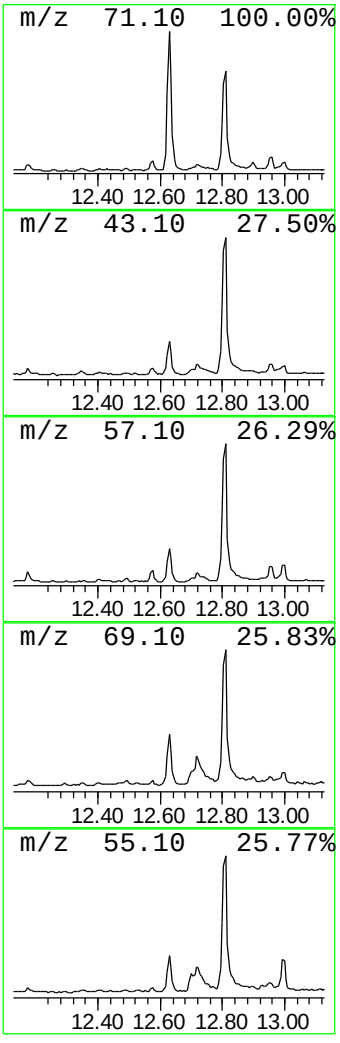
****

Peak Number 3 Phytol Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	2.10 ng/ul	401673	Phenanthrene-d10	11.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phytol	296	C20H40O	000150-86-7	93
2	Phytol	296	C20H40O	000150-86-7	91
3	Phytol	296	C20H40O	000150-86-7	87
4	Isophytol	296	C20H40O	000505-32-8	53
5	Isophytol	296	C20H40O	000505-32-8	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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

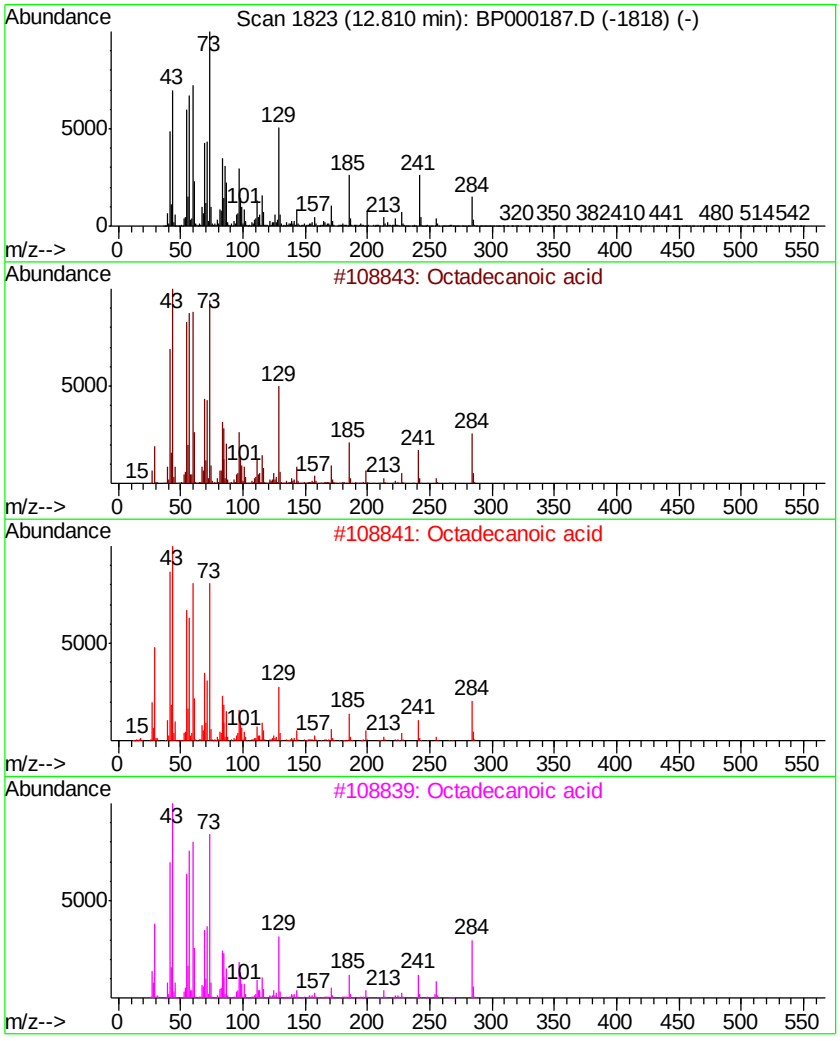
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

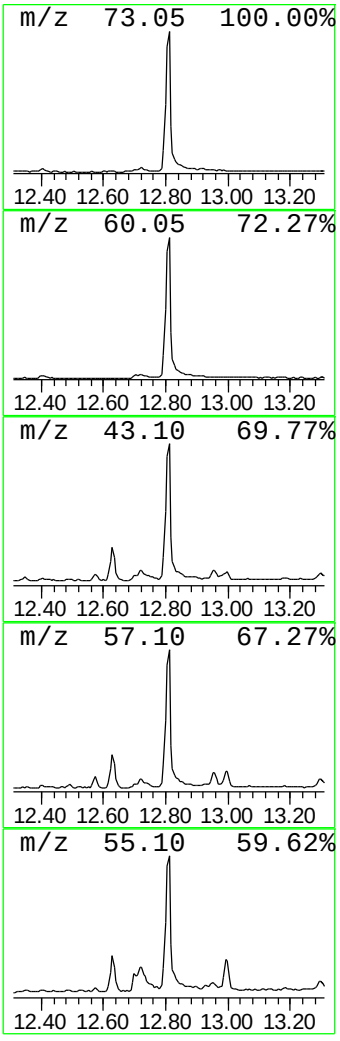
****

Peak Number 4 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.81	4.04 ng/ul	2287680	Chrysene-d12	14.15

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	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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

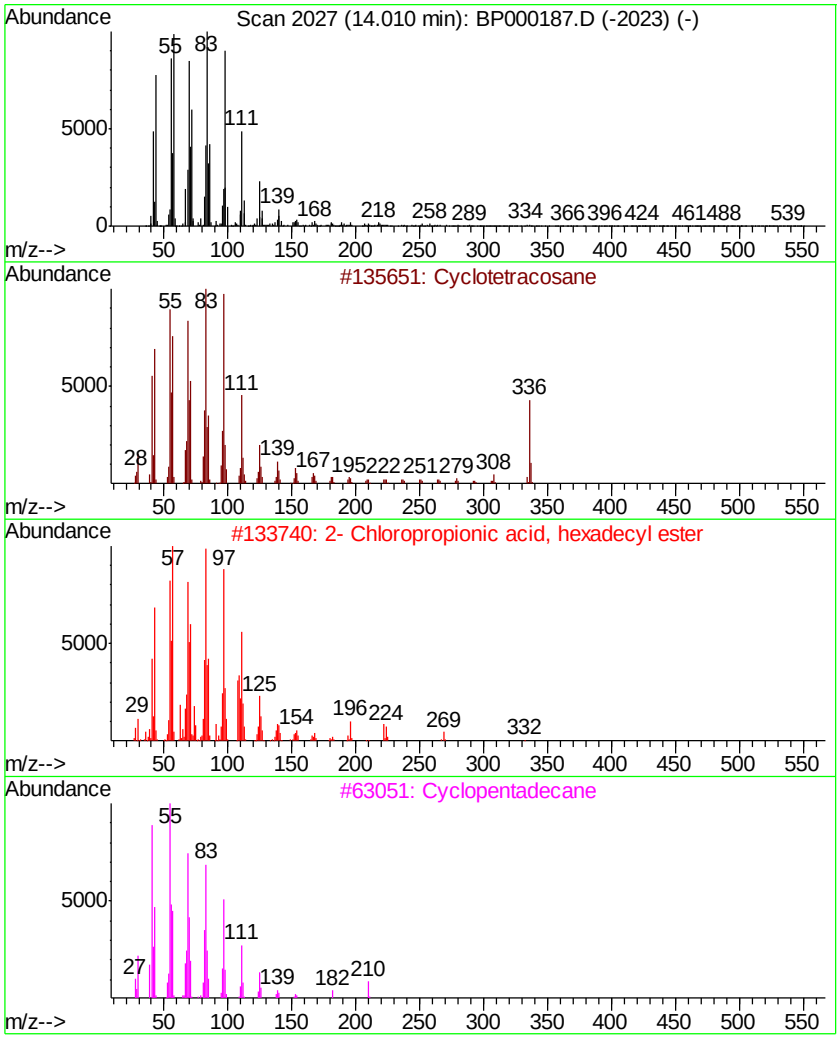
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

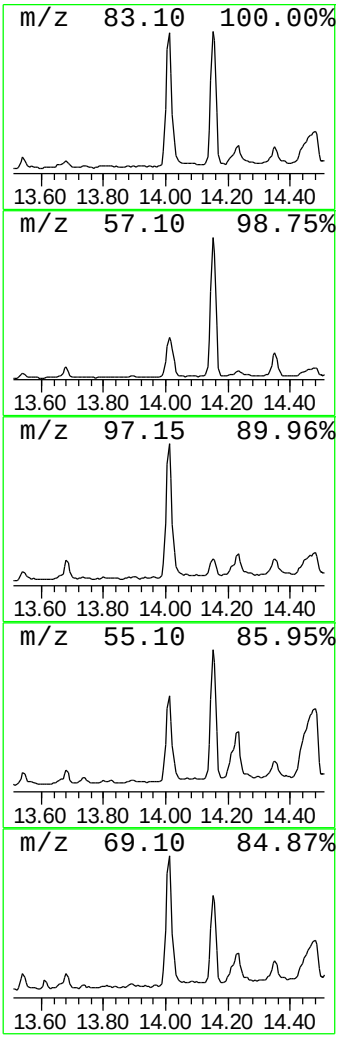
****

Peak Number 5 (DEL) Alkane: Cyclic14.01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	3.30 ng/ul	1868030	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	96
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	95
3	Cyclopentadecane	210	C15H30	000295-48-7	94
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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

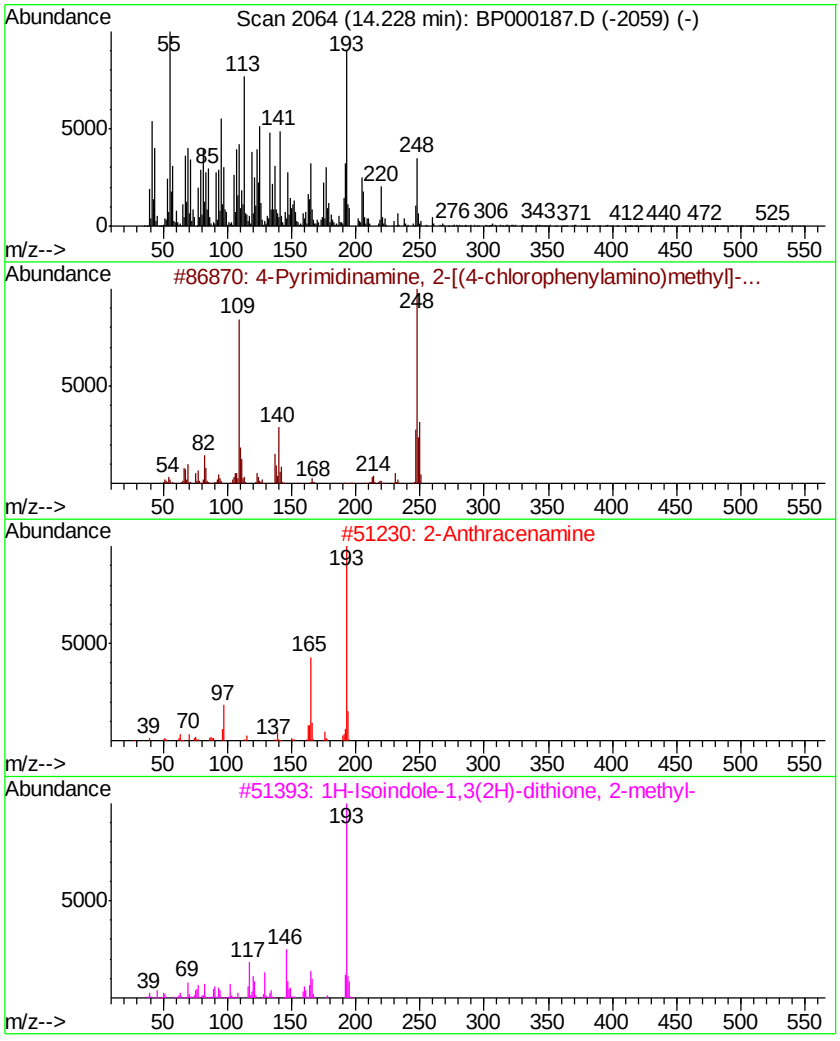
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

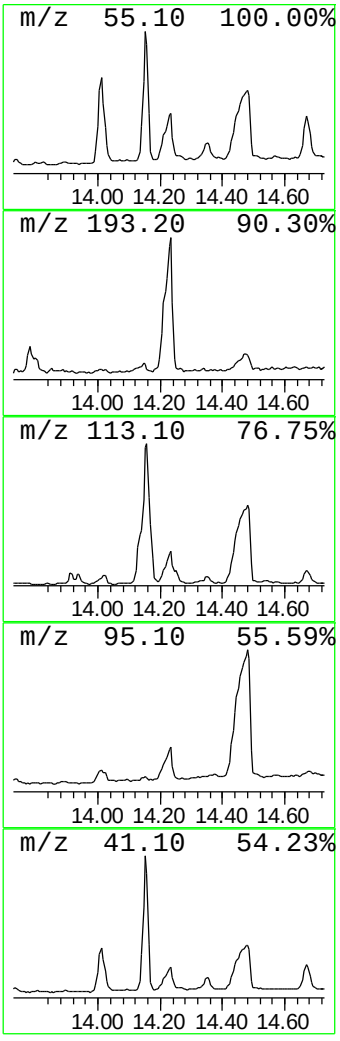
****

Peak Number 6 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	3.00 ng/ul	1697580	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pyrimidinamine, 2-[(4-chloroph...	248	C12H13ClN4	108283-89-2	25
2	2-Anthracenamine	193	C14H11N	000613-13-8	15
3	1H-Isoindole-1,3(2H)-dithione, 2...	193	C9H7NS2	035373-10-5	15
4	2-Diethylamino-4-phenylthiooct-2...	302	C18H26N2S	1000090-57-0	15
5	Acridine, 2-methyl-	193	C14H11N	000613-15-0	15





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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

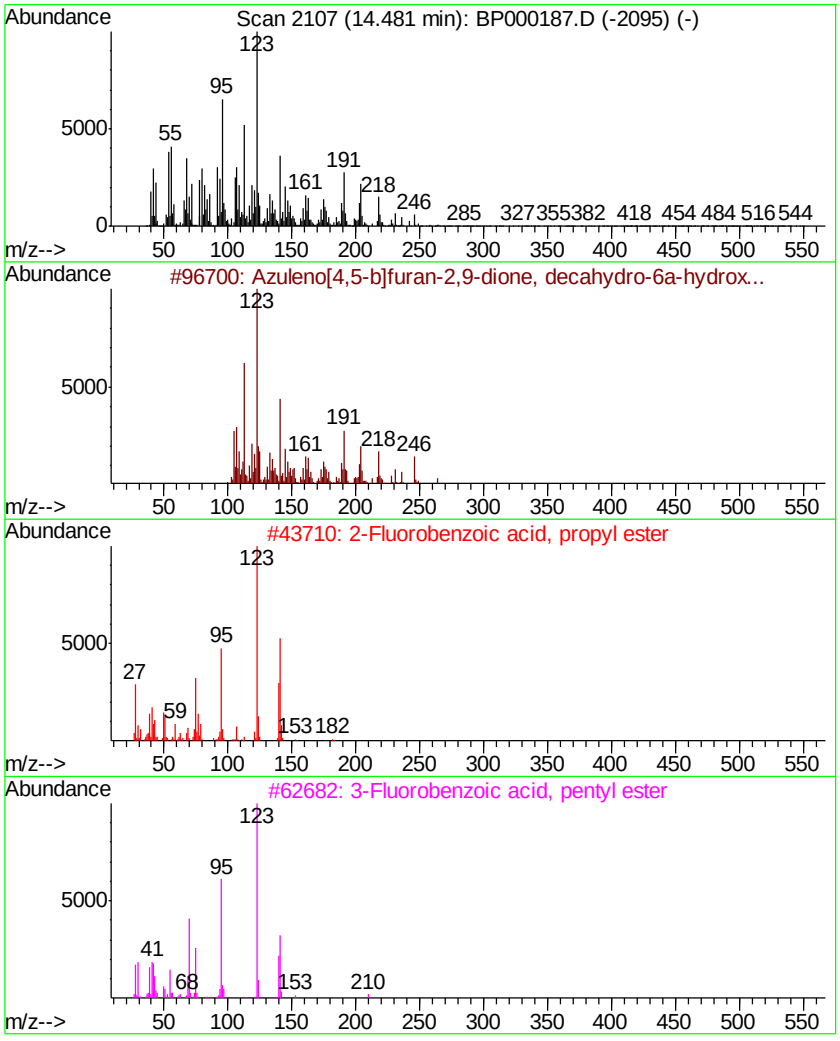
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

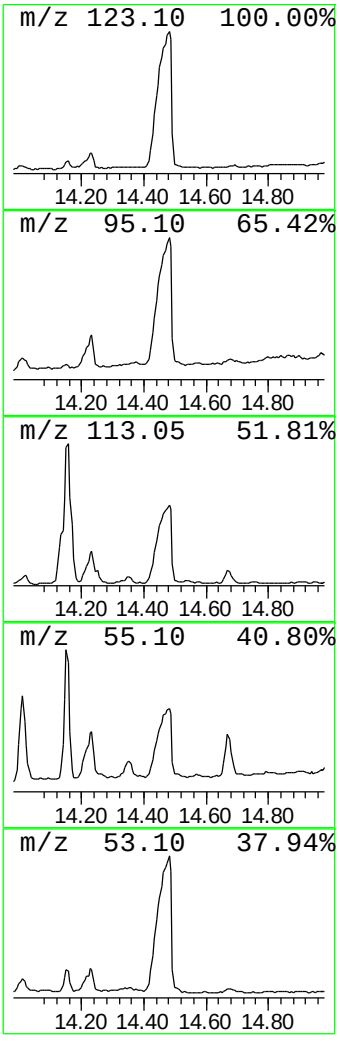
****

Peak Number 7 Azuleno[4,5-b]furan-2,9-dio... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	12.61 ng/ul	7143960	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azuleno[4,5-b]furan-2,9-dione, d...	264	C15H20O4	002571-81-5	74
2	2-Fluorobenzoic acid, propyl ester	182	C10H11FO2	1000280-10-3	35
3	3-Fluorobenzoic acid, pentyl ester	210	C12H15FO2	312942-55-5	35
4	3-Buten-2-one, 4-(2,5,5-trimethy...	220	C14H20O2	090054-46-9	35
5	2-Fluorobenzoic acid, pentyl ester	210	C12H15FO2	1000279-03-4	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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

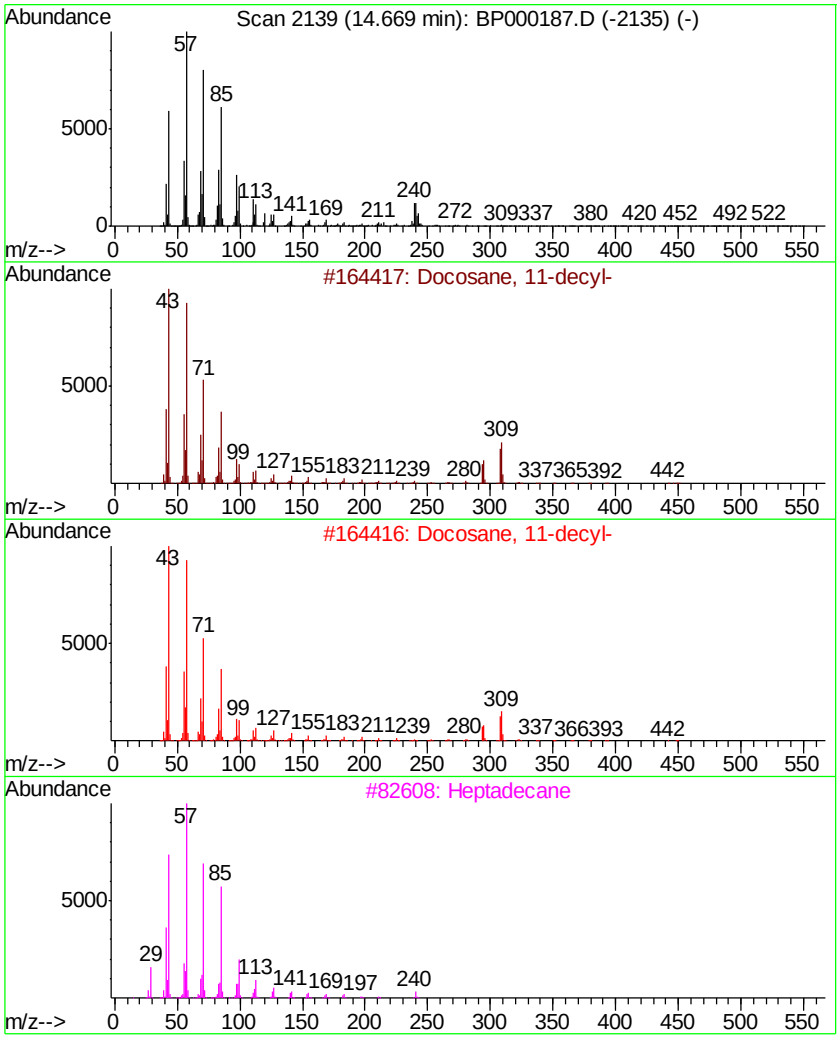
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

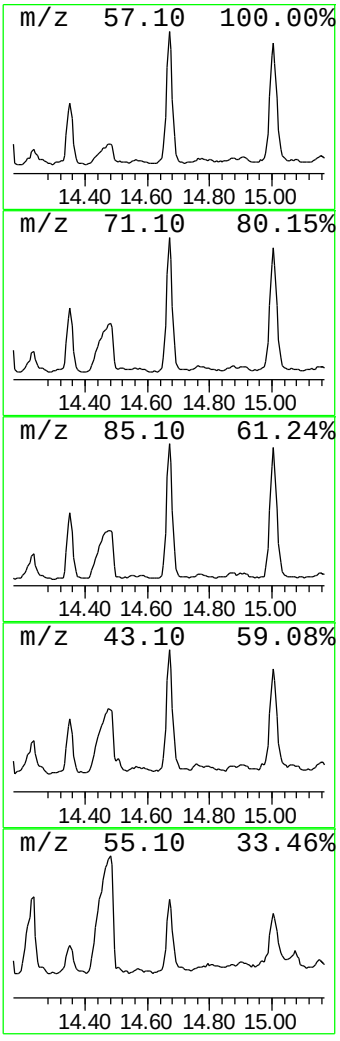
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.47 ng/ul	1399510	Chrysene-d12	14.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-decyl-	451	C32H66	055401-55-3	93
2	Docosane, 11-decyl-	451	C32H66	055401-55-3	91
3	Heptadecane	240	C17H36	000629-78-7	89
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
5	Octadecane	254	C18H38	000593-45-3	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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

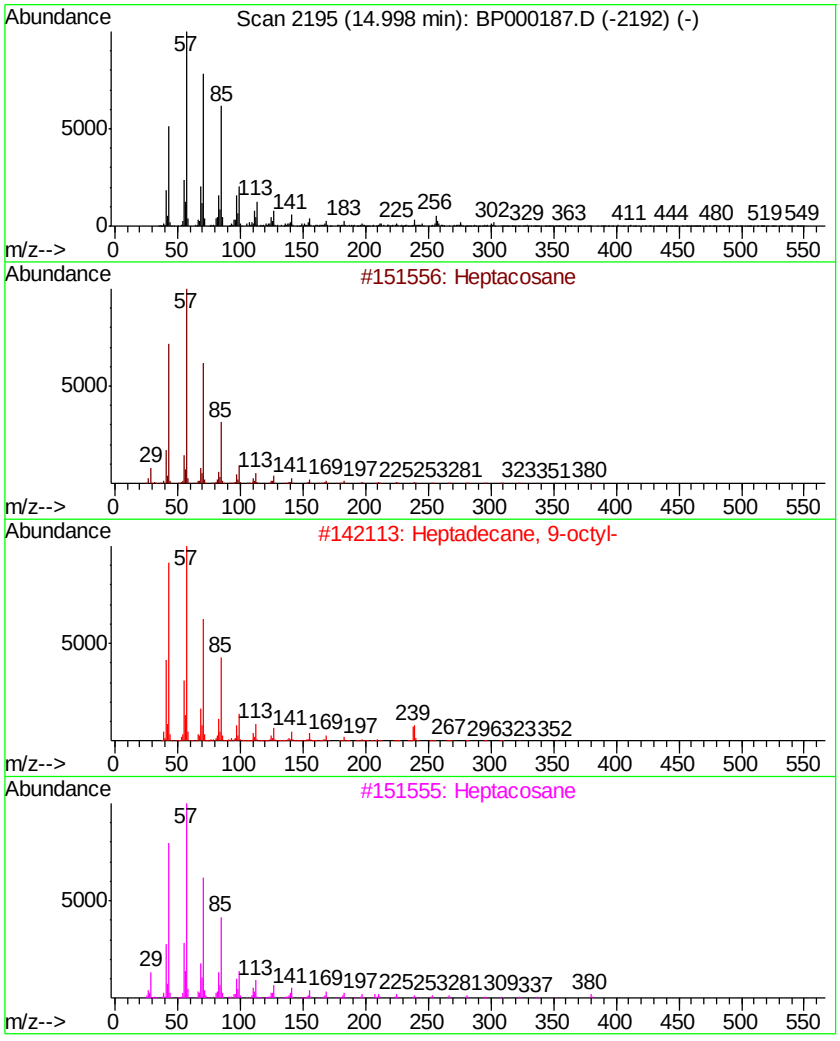
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

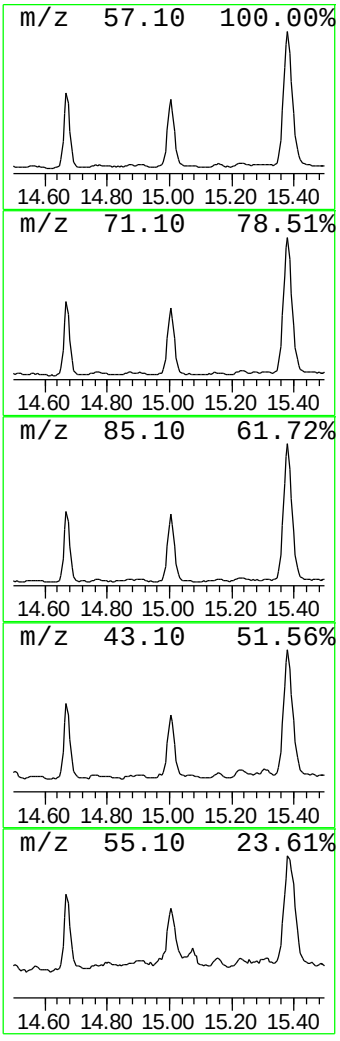
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	6.88 ng/ul	1190490	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	98
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Heptacosane	380	C27H56	000593-49-7	93
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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

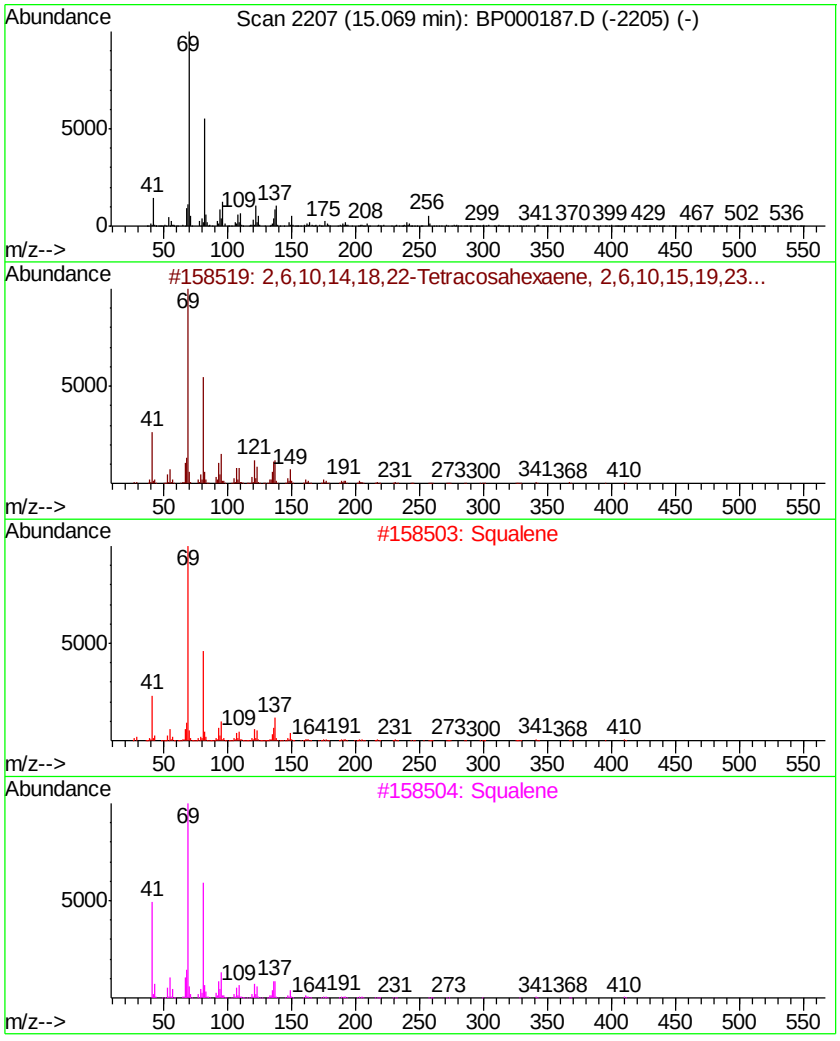
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

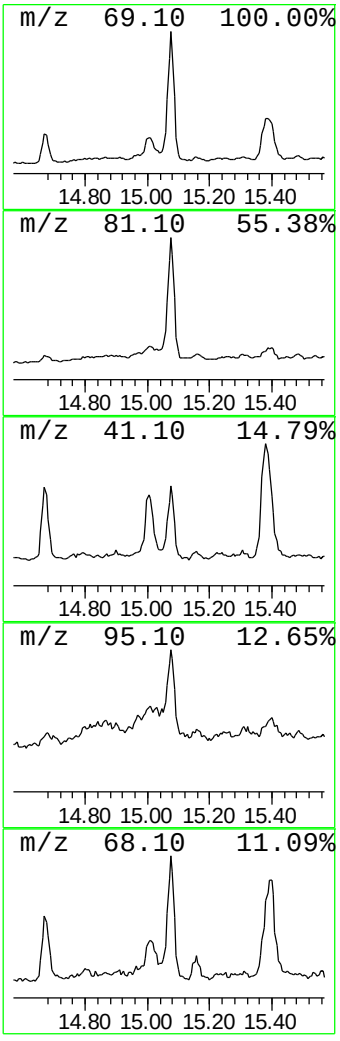
****

Peak Number 10 2,6,10,14,18,22-Tetracosahe... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	5.77 ng/ul	999160	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	95
2	Squalene	410	C30H50	007683-64-9	91
3	Squalene	410	C30H50	007683-64-9	78
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	78
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

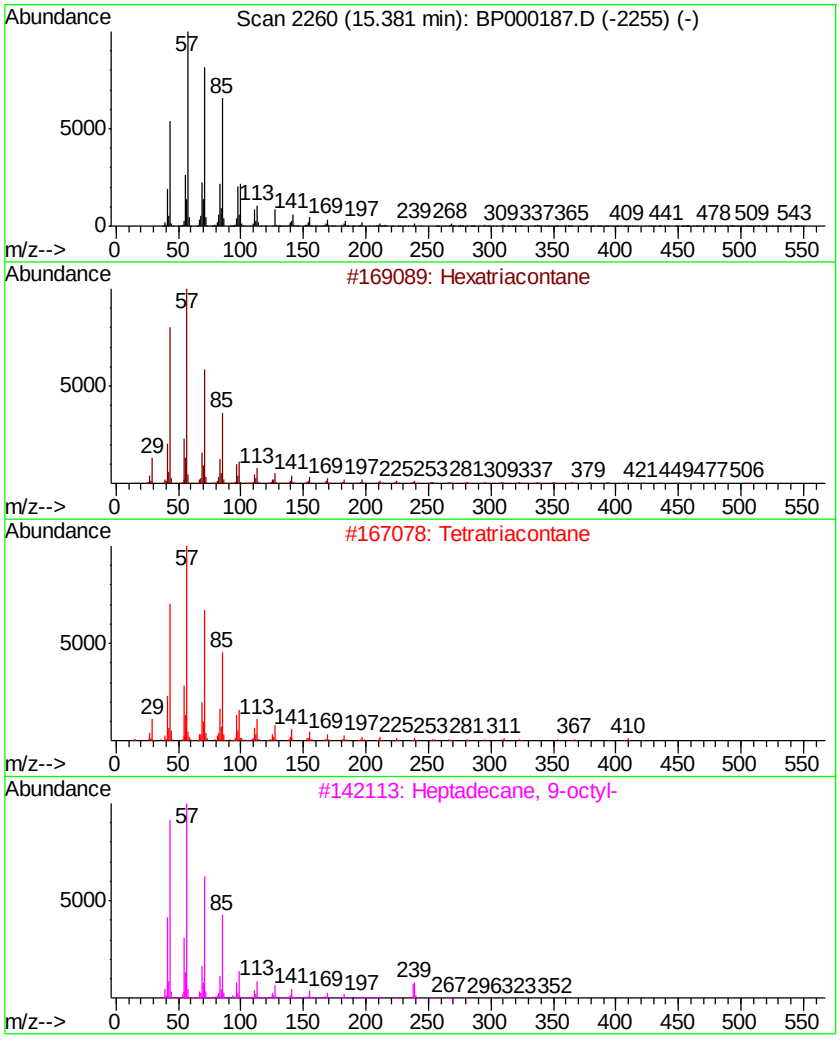
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

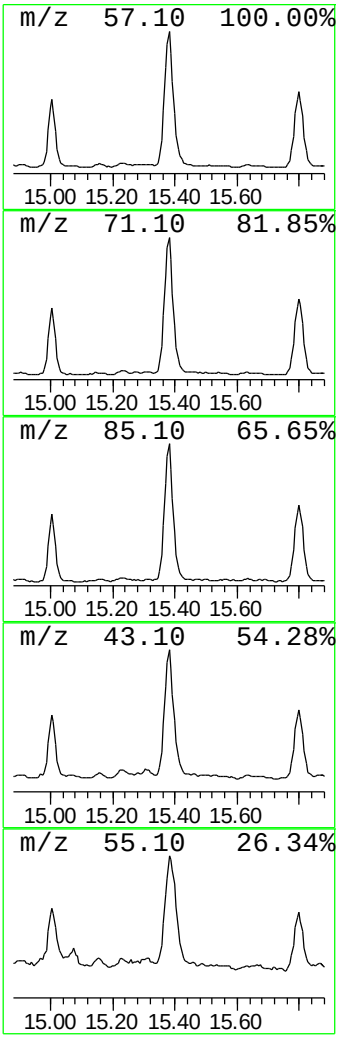
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	16.95 ng/ul	2933480	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	93
2	Tetratriacontane	479	C34H70	014167-59-0	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Hexatriacontane	507	C36H74	000630-06-8	90
5	Nonadecane	268	C19H40	000629-92-5	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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

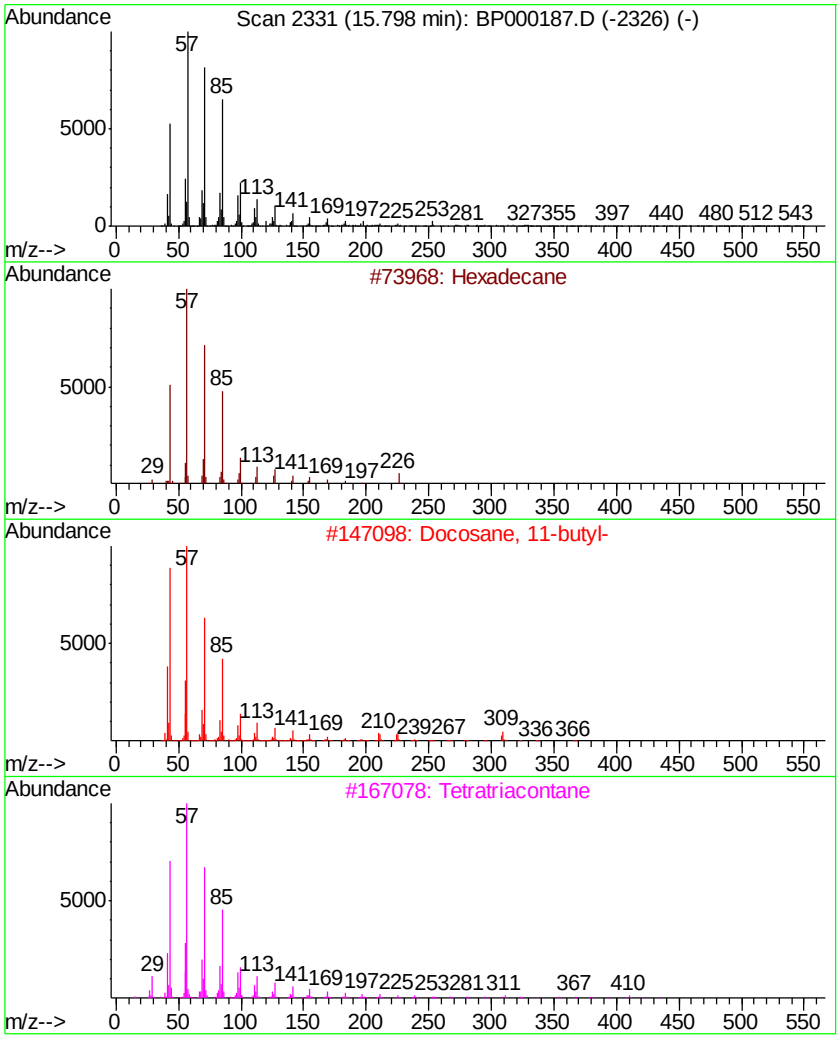
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

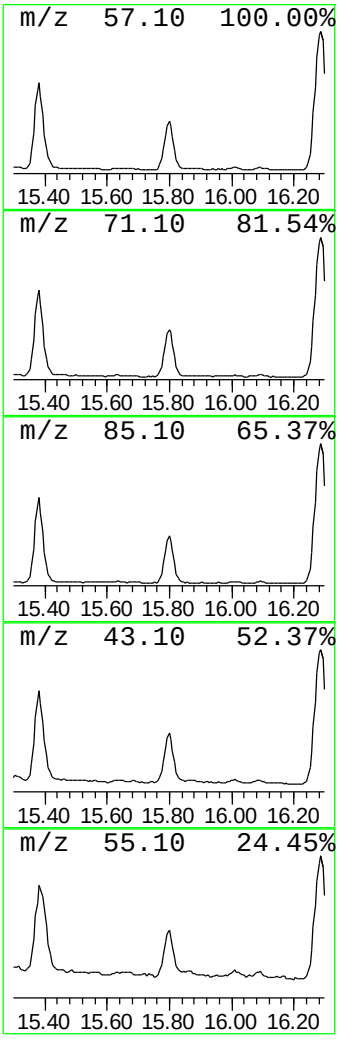
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	8.36 ng/ul	1446190	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Docosane, 9-butyl-	366	C26H54	055282-14-9	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

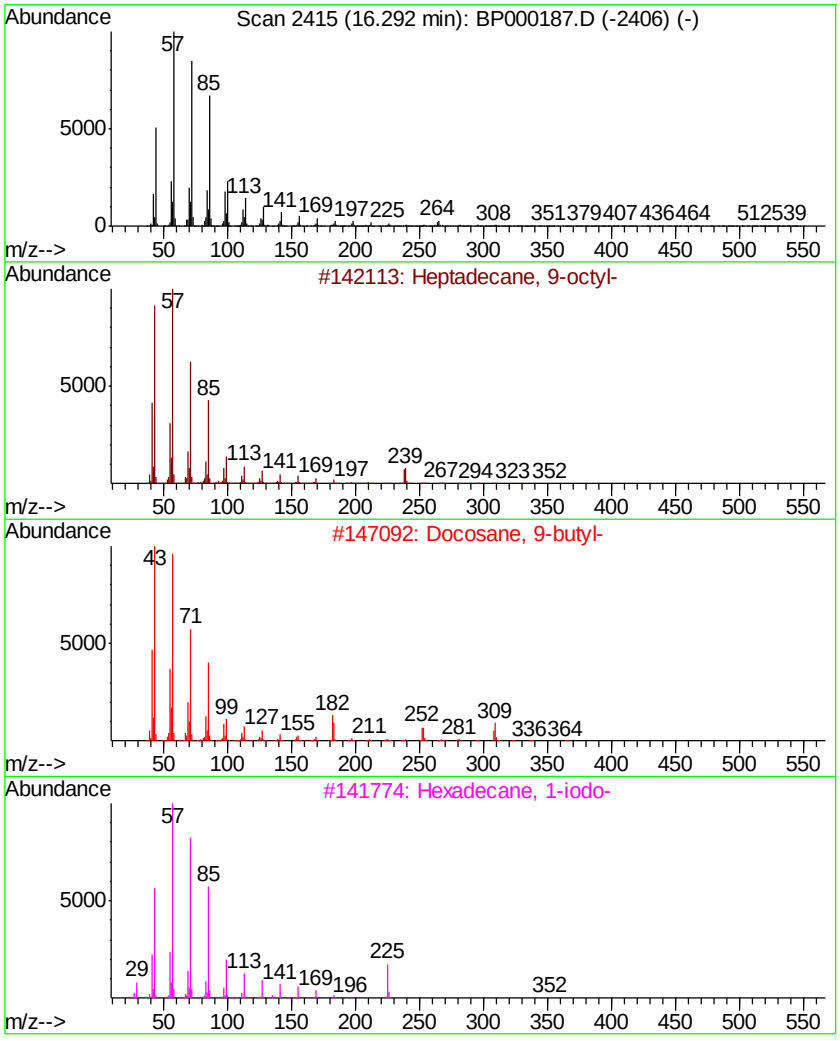
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

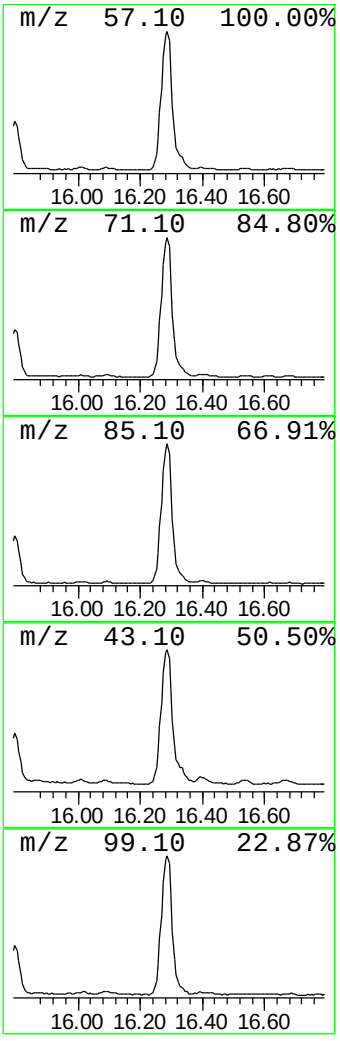
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	34.24 ng/ul	5925210	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	97
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	94
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

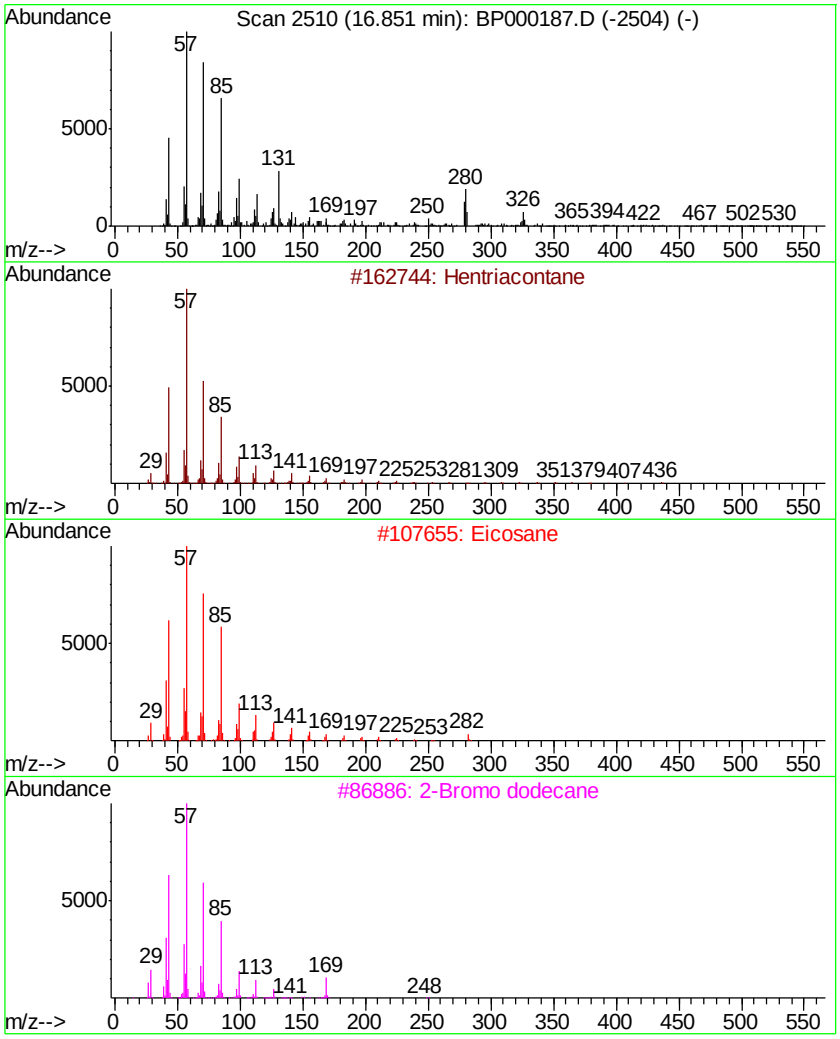
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION

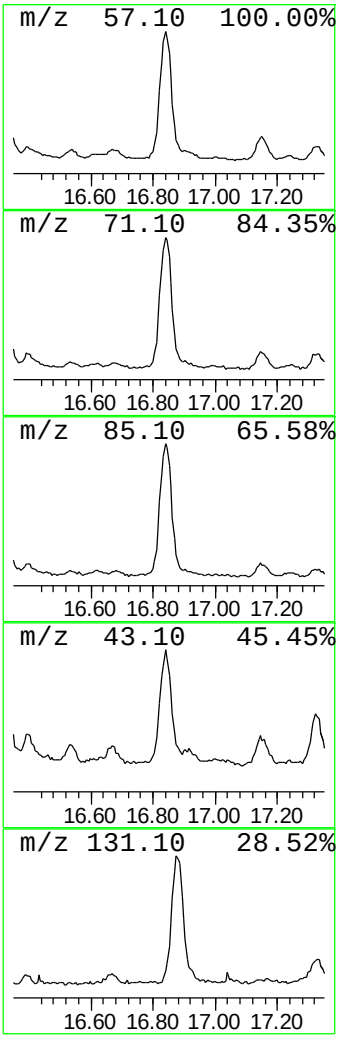
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	4.03 ng/ul	697263	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	81
2	Eicosane	282	C20H42	000112-95-8	81
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	81
4	Triacontane	422	C30H62	000638-68-6	81
5	Heneicosane	296	C21H44	000629-94-7	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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

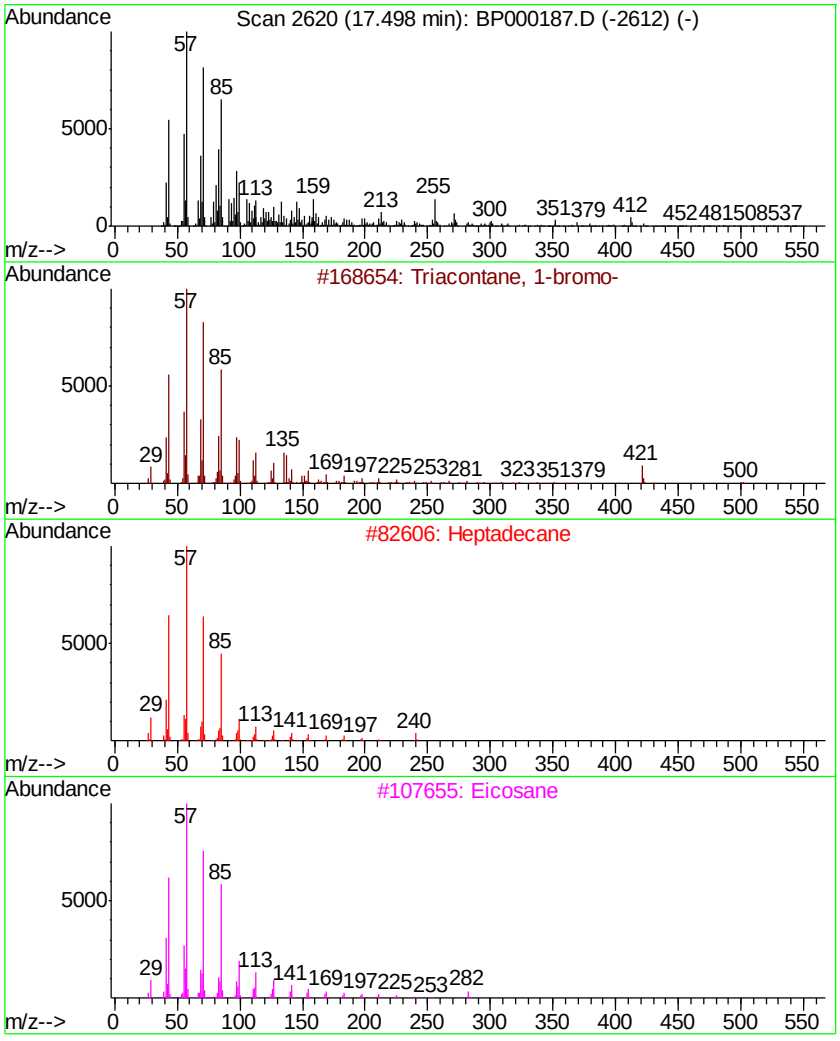
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

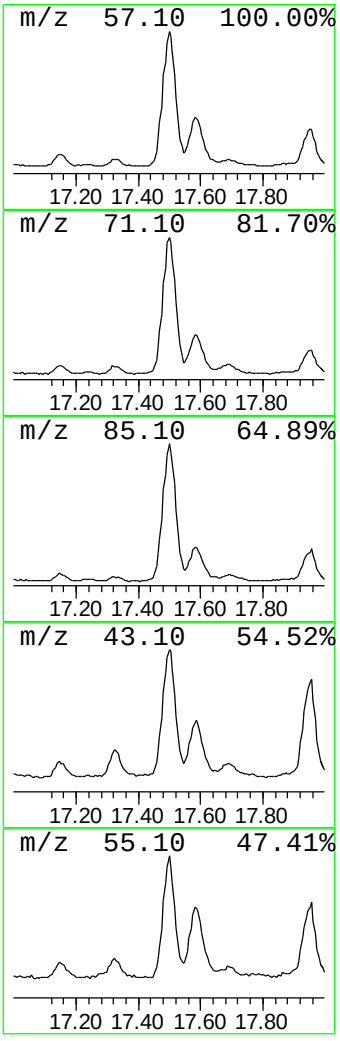
****

Peak Number 15 Triacontane, 1-bromo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	25.51 ng/ul	4413680	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	93
2	Heptadecane	240	C17H36	000629-78-7	92
3	Eicosane	282	C20H42	000112-95-8	91
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	90
5	Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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

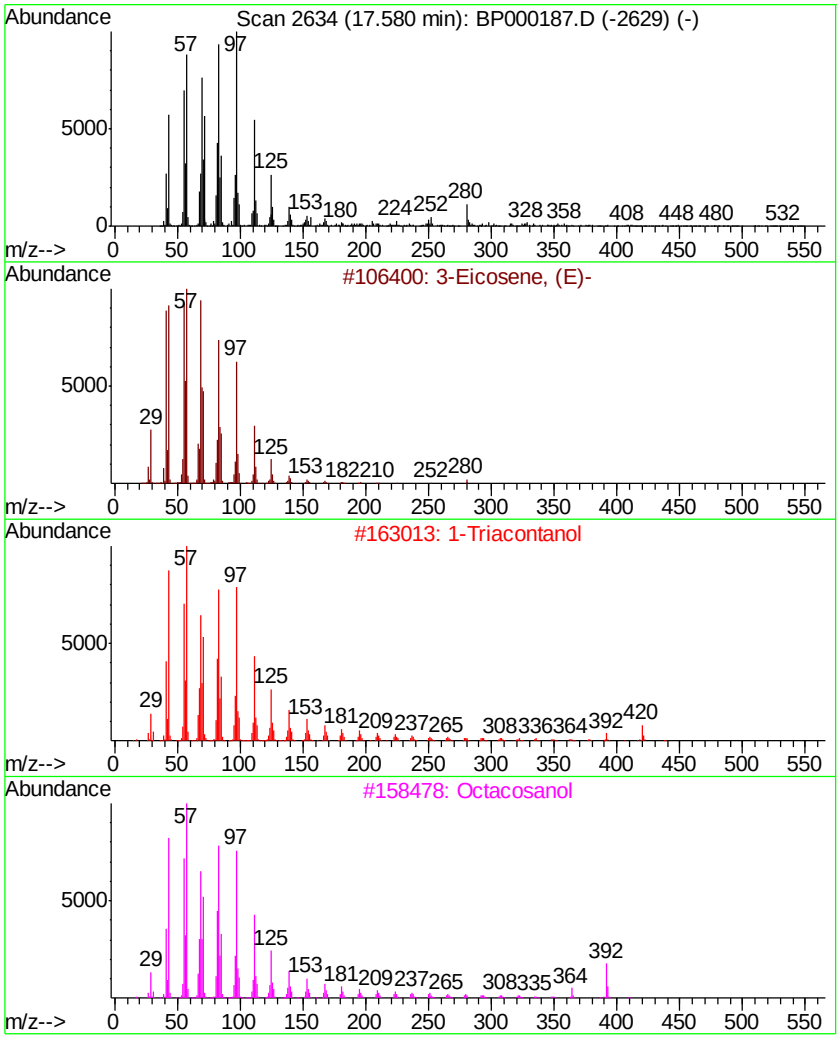
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

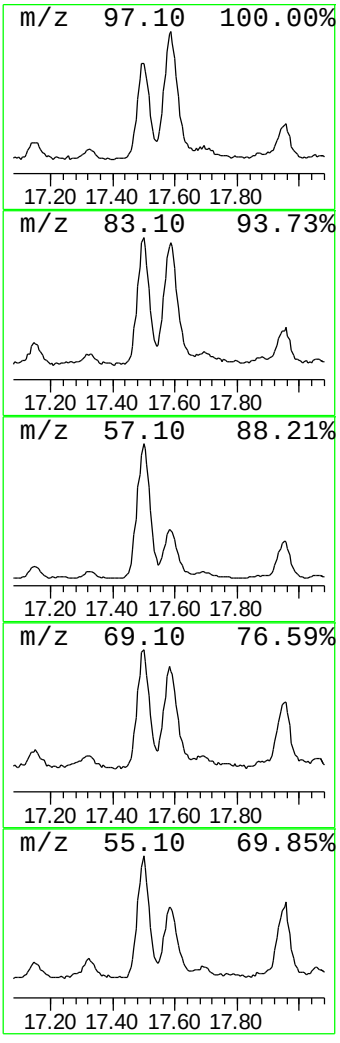
****

Peak Number 16 (DEL) Alkane: Cyclic17.58 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.58	10.67 ng/ul	1846280	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2	1-Triacontanol	438	C30H62O	000593-50-0	95
3	Octacosanol	410	C28H58O	000557-61-9	89
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	87
5	1-Octadecene	252	C18H36	000112-88-9	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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

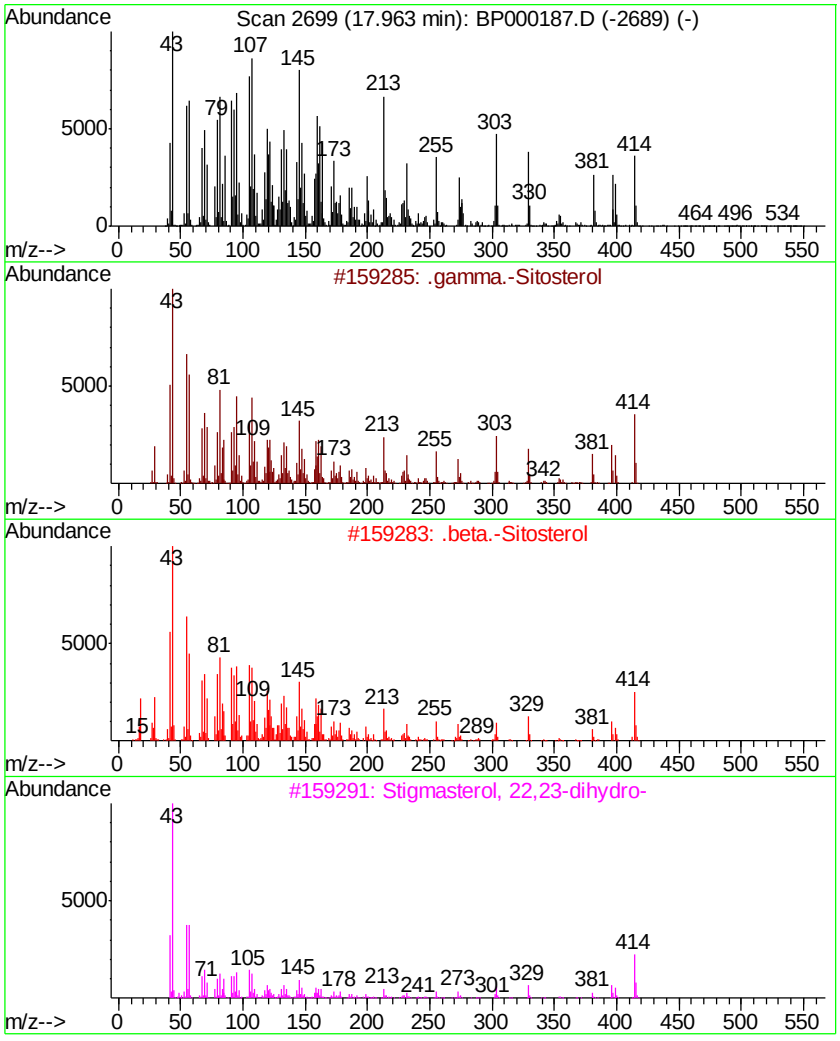
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

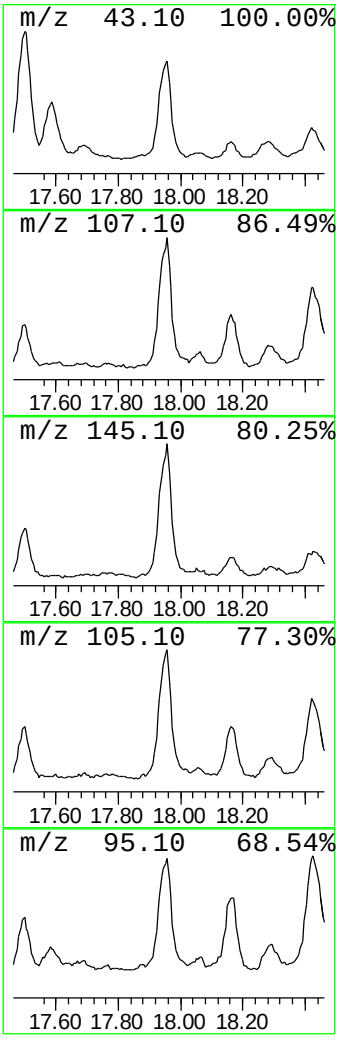
****

Peak Number 17 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	29.39 ng/ul	5085010	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	96
3	Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	96
4	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	95
5	.beta.-Sitosterol	414	C29H50O	000083-46-5	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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

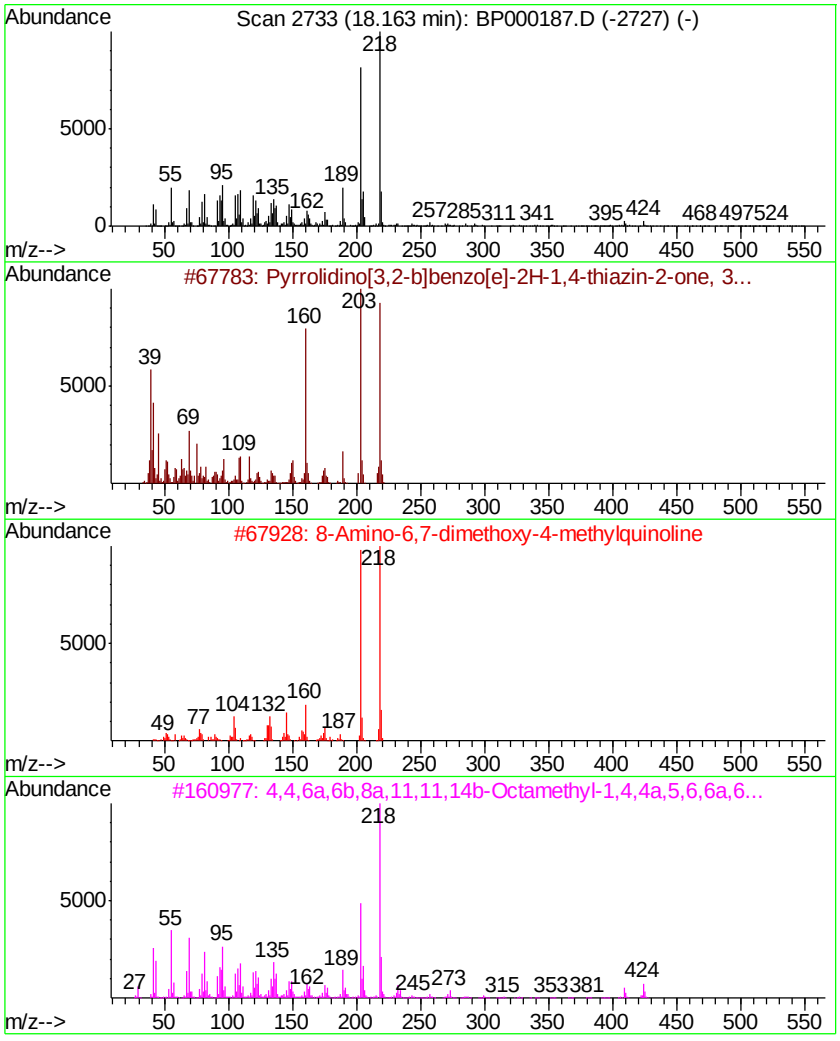
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

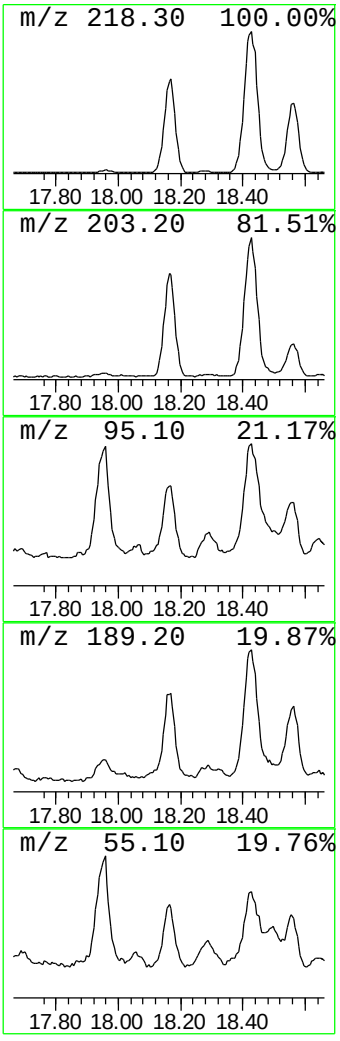
****

Peak Number 18 Pyrrolidino[3,2-b]benzo[e]-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	14.21 ng/ul	2458730	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolidino[3,2-b]benzo[e]-2H-1,...	218	C11H10N2OS	017163-68-7	64
2	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	62
3	4,4,6a,6b,8a,11,11,14b-Octamethy...	424	C30H48O	1000194-62-4	50
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	49
5	.beta.-Amyrin	426	C30H50O	000559-70-6	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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

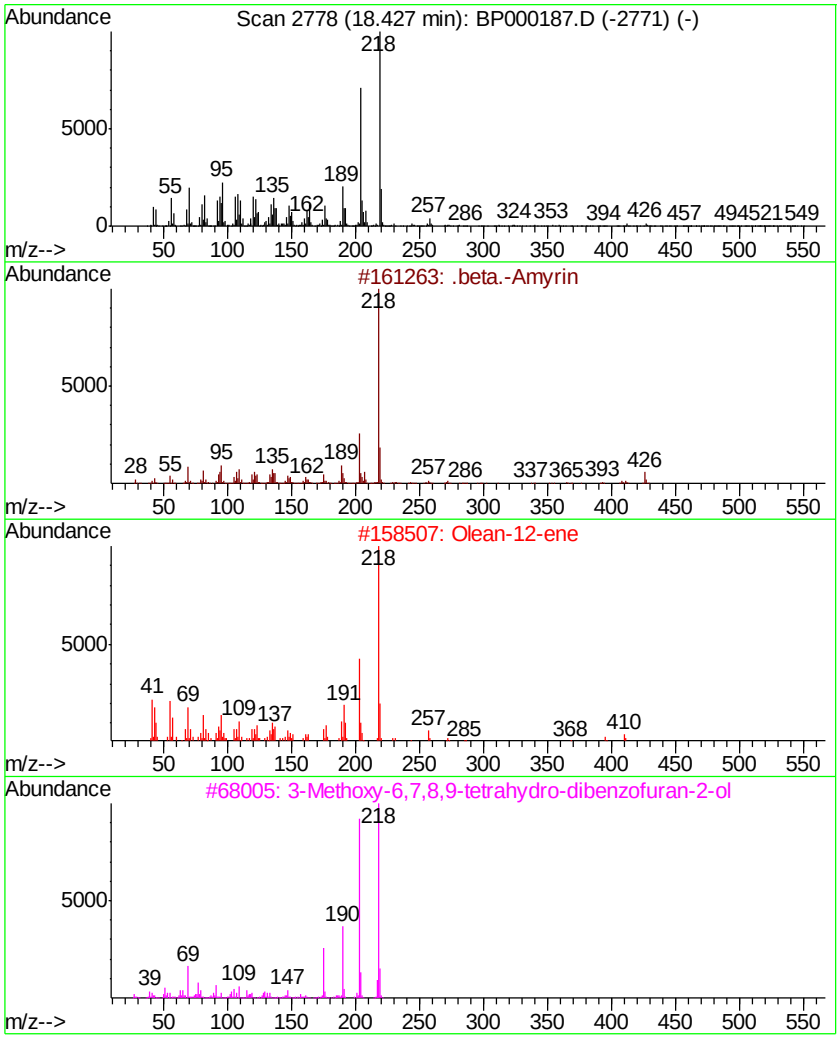
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

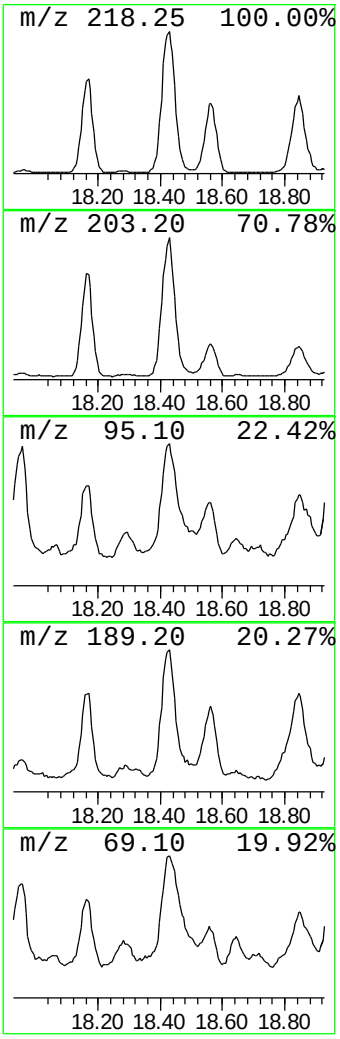
****

Peak Number 19 .beta.-Amyrin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	21.55 ng/ul	3729000	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Amyrin	426	C30H50O	000559-70-6	97
2	Olean-12-ene	410	C30H50	000471-68-1	64
3	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	58
4	Pyrene, hexadecahydro-	218	C16H26	002435-85-0	53
5	2,4(1H,3H)-Quinazolinedione, 1,3...	218	C12H14N2O2	002049-84-5	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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

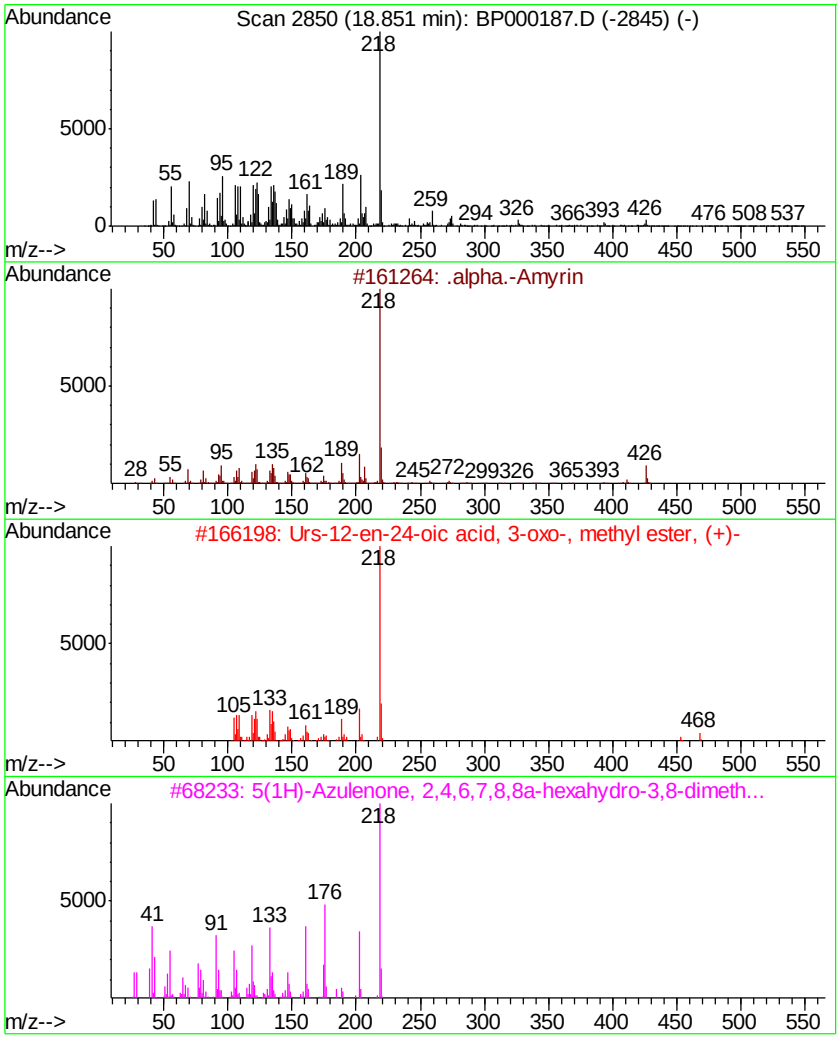
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

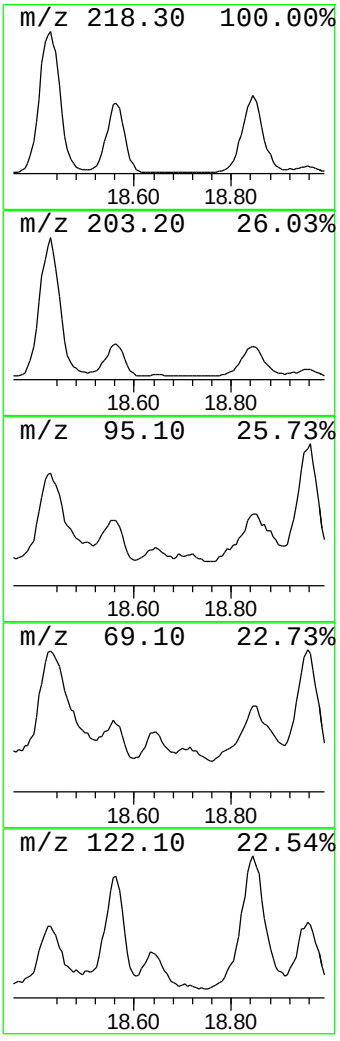
****

Peak Number 20 .alpha.-Amyrin Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	11.06 ng/ul	1914310	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Amyrin	426	C30H50O	000638-95-9	92
2	Urs-12-en-24-oic acid, 3-oxo-, m...	468	C31H48O3	020475-86-9	83
3	5(1H)-Azulenone, 2,4,6,7,8,8a-he...	218	C15H22O	006754-66-1	70
4	.beta.-Amyrin	426	C30H50O	000559-70-6	70
5	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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

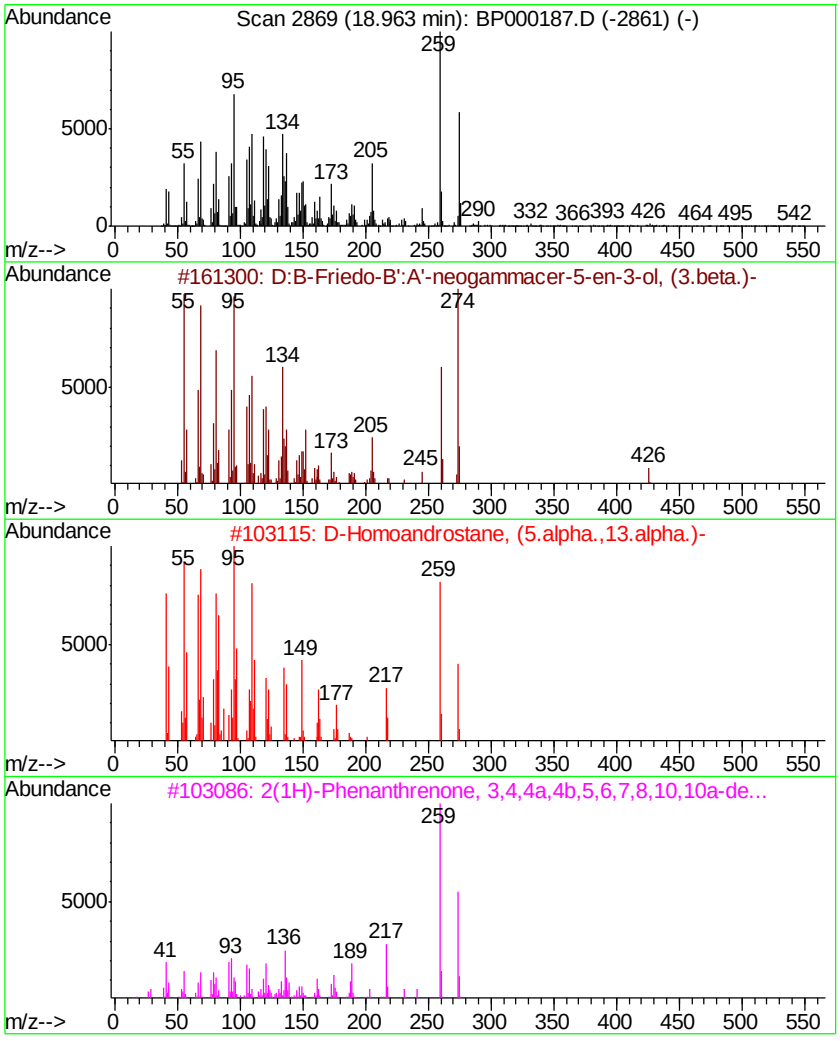
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

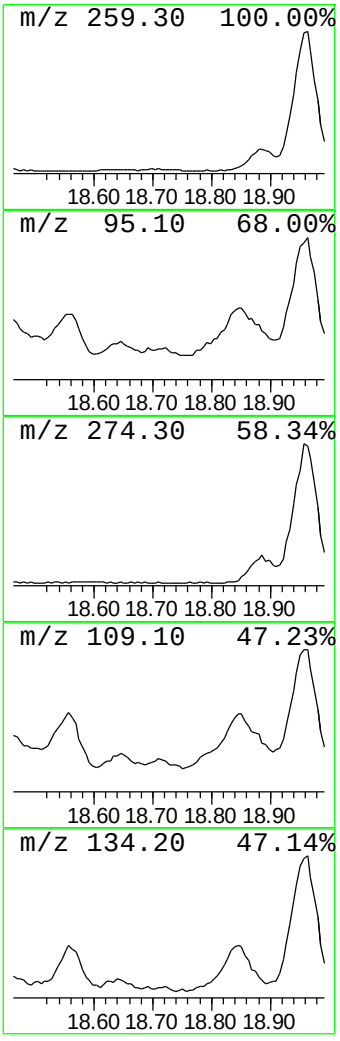
****

Peak Number 21 D:B-Friedo-B':A'-neogammace... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	14.34 ng/ul	2480740	Perylene-d12	15.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D:B-Friedo-B':A'-neogammacer-5-e...	426	C30H50O	001615-94-7	50
2	D-Homoandrostane, (5.alpha.,13.a...	274	C20H34	054482-31-4	47
3	2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H30O	007715-44-8	41
4	1,3-Diethyl-2-hydroxybenzothiazo...	274	C14H14N2O2S	1000227-15-3	38
5	Phosphoric acid, 3-(1,1-dimethyl...	274	C12H19O5P	094420-61-8	32





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091019\
Data File : BP000187.D
Acq On : 11 Sep 2019 00:16
Operator : HP/JU
Sample : K4633-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : F2D17

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...	2.18	138.4	ng/ul	17675400	1	6.89	2553830	20.0
n-Hexadecanoic acid	12.00	19.0	ng/ul	3645460	4	11.45	3832060	20.0
Phytol	12.63	2.1	ng/ul	401673	4	11.45	3832060	20.0
Octadecanoic acid	12.81	4.0	ng/ul	2287680	5	14.15	11331900	20.0
(DEL) Alkane: Cyc...	14.01	3.3	ng/ul	1868030	5	14.15	11331900	20.0
unknown-01	14.23	3.0	ng/ul	1697580	5	14.15	11331900	20.0
Azuleno[4,5-b]fur...	14.48	12.6	ng/ul	7143960	5	14.15	11331900	20.0
(DEL) Alkane: Str...	14.67	2.5	ng/ul	1399510	5	14.15	11331900	20.0
(DEL) Alkane: Str...	15.00	6.9	ng/ul	1190490	6	15.70	3460590	20.0
2,6,10,14,18,22-T...	15.07	5.8	ng/ul	999160	6	15.70	3460590	20.0
(DEL) Alkane: Str...	15.38	16.9	ng/ul	2933480	6	15.70	3460590	20.0
(DEL) Alkane: Str...	15.80	8.4	ng/ul	1446190	6	15.70	3460590	20.0
(DEL) Alkane: Str...	16.29	34.2	ng/ul	5925210	6	15.70	3460590	20.0
(DEL) Alkane: Str...	16.85	4.0	ng/ul	697263	6	15.70	3460590	20.0
Triacontane, 1-br...	17.50	25.5	ng/ul	4413680	6	15.70	3460590	20.0
(DEL) Alkane: Cyc...	17.58	10.7	ng/ul	1846280	6	15.70	3460590	20.0
.gamma.-Sitosterol	17.96	29.4	ng/ul	5085010	6	15.70	3460590	20.0
Pyrrolidino[3,2-b...	18.16	14.2	ng/ul	2458730	6	15.70	3460590	20.0
.beta.-Amyrin	18.43	21.6	ng/ul	3729000	6	15.70	3460590	20.0
.alpha.-Amyrin	18.85	11.1	ng/ul	1914310	6	15.70	3460590	20.0
D:B-Friedo-B':A'-...	18.96	14.3	ng/ul	2480740	6	15.70	3460590	20.0