LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000790.D
Acq On : 16 Oct 2019 01:01
Operator : JU
Sample : K5178-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPH9

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	2.370	45	48	61	rVB	28268	40923	1.65%	0.114%
2	3.517	237	243	254	rVB	6791	12627	0.51%	0.035%
3	3.670	261	269	273	rBV3	4390	8635	0.35%	0.024%
4	3.722	273	278	282	rVV	11688	19246	0.78%	0.054%
5	3.758	282	284	291	rVB	8028	10986	0.44%	0.031%
6	4.917	478	481	485	rBV	13342	13369	0.54%	0.037%
7	6.058	672	675	682	rVB2	6587	8688	0.35%	0.024%
8	6.199	695	699	702	rVB	7326	6028	0.24%	0.017%
9	6.387	727	731	736	rBV	879262	849763	34.23%	2.364%
10	6.428	736	738	750	rVV	722340	686092	27.64%	1.909%
11	6.516	750	753	762	rVV	944900	879647	35.44%	2.448%
12	6.746	789	792	801	rBV	1250997	1127053	45.41%	3.136%
13	6.828	801	806	811	rVB2	36236	35252	1.42%	0.098%
14	7.134	854	858	873	rBV	1051574	917954	36.98%	2.554%
15	7.305	884	887	894	rBV	929954	740465	29.83%	2.060%
16	7.522	921	924	927	rVB	22961	18333	0.74%	0.051%
17	7.634	939	943	955	rBV	758458	609476	24.55%	1.696%
18	7.846	976	979	982	rVB	15150	11565	0.47%	0.032%
19	7.881	982	985	993	rBV	1172152	1016674	40.96%	2.829%
20	8.034	1007	1011	1014	rBV	1796460	1475913	59.46%	4.107%
21	8.093	1018	1021	1035	rVV	1152407	935261	37.68%	2.602%
22	8.610	1105	1109	1111	rBV2	7602	6327	0.25%	0.018%
23	8.716	1124	1127	1131	rBV	18389	16581	0.67%	0.046%
24	9.205	1206	1210	1213	rBV3	8864	11893	0.48%	0.033%
25	9.234	1213	1215	1218	rVB	6152	5882	0.24%	0.016%
26	9.416	1243	1246	1249	rBV	15536	13695	0.55%	0.038%
27	9.446	1249	1251	1255	rBV2	12664	11968	0.48%	0.033%
28	9.487	1255	1258	1260	rBV	1765913	1352274	54.48%	3.763%
29	9.510	1260	1262	1265	rVB	776309	533319	21.49%	1.484%
30	9.587	1271	1275	1277	rBV	57376	47859	1.93%	0.133%
31	9.640	1281	1284	1288	rVB	2261962	1817384	73.22%	5.057%
32	9.793	1307	1310	1314	rVV	1965927	1809036	72.88%	5.034%
33	9.828	1314	1316	1319	rVB	12190	9954	0.40%	0.028%
34	9.863	1319	1322	1327	rVB	28305	24117	0.97%	0.067%

LSC Area Percent Report

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Acq On : 16 Oct 2019 01:01
Operator : JU
Sample : K5178-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPH9

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	9.928	1327	1333	1344	rBV	1899898	1924048	77.52%	5.354%
36	10.005	1344	1346	1356	rVV2	144983	153787	6.20%	0.428%
37	10.099	1360	1362	1364	rVB2	7720	6218	0.25%	0.017%
38	10.181	1373	1376	1379	rBV	201947	157500	6.35%	0.438%
39	10.210	1379	1381	1383	rVV2	8458	7936	0.32%	0.022%
40	10.240	1383	1386	1389	rVB	11259	10628	0.43%	0.030%
41	10.316	1396	1399	1403	rVB	2441500	2073671	83.54%	5.770%
42	10.346	1403	1404	1407	rVB	17209	9580	0.39%	0.027%
43	10.393	1409	1412	1418	rBV	333035	298756	12.04%	0.831%
44	10.446	1418	1421	1426	rVB	35844	36590	1.47%	0.102%
45	10.510	1429	1432	1436	rVB2	9313	10271	0.41%	0.029%
46	10.552	1436	1439	1442	rBV	16899	14957	0.60%	0.042%
47	10.599	1443	1447	1450	rBV	190157	151982	6.12%	0.423%
48	10.716	1464	1467	1470	rBV4	8558	7799	0.31%	0.022%
49	10.746	1470	1472	1475	rVB	12429	9815	0.40%	0.027%
50	10.846	1486	1489	1491	rVB	11977	9618	0.39%	0.027%
51	11.110	1530	1534	1535	rBV4	8097	9149	0.37%	0.025%
52	11.134	1535	1538	1542	rVV	349311	283761	11.43%	0.790%
53	11.169	1542	1544	1546	rVB2	10733	8453	0.34%	0.024%
54	11.293	1561	1565	1568	rBV	2325157	1916809	77.22%	5.334%
55	11.316	1568	1569	1571	rVB	94934	52162	2.10%	0.145%
56	11.352	1571	1575	1578	rBV	2515376	2019690	81.37%	5.620%
57	11.410	1583	1585	1590	rVB5	10388	11176	0.45%	0.031%
58	11.528	1600	1605	1608	rBV4	13882	17298	0.70%	0.048%
59	11.599	1614	1617	1619	rBV3	9352	8537	0.34%	0.024%
60	11.710	1631	1636	1640	rVB2	18994	21716	0.87%	0.060%
61	11.804	1648	1652	1654	rBV	19035	19258	0.78%	0.054%
62	11.834	1654	1657	1660	rBV2	53546	54911	2.21%	0.153%
63	11.863	1660	1662	1667	rVB2	23180	26366	1.06%	0.073%
64	11.916	1667	1671	1673	rBV2	22482	24961	1.01%	0.069%
65	12.010	1685	1687	1690	rBV2	13241	10185	0.41%	0.028%
66	12.104	1700	1703	1705	rVV2	12012	12112	0.49%	0.034%
67	12.128	1705	1707	1711	rVB4	8706	7299	0.29%	0.020%
68	12.251	1726	1728	1731	rVB4	8138	6081	0.24%	0.017%
69	12.334	1739	1742	1745	rBV	55238	49871	2.01%	0.139%
70	12.357	1745	1746	1749	rVV	13645	11501	0.46%	0.032%
71	12.404	1751	1754	1758	rVB4	17977	20629	0.83%	0.057%

LSC Area Percent Report

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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPH9

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	12.446	1758	1761	1766	rBV4	9548	13995	0.56%	0.039%
73	12.499	1767	1770	1771	rBV	30306	24148	0.97%	0.067%
74	12.522	1771	1774	1777	rVB	124864	113946	4.59%	0.317%
75	12.657	1794	1797	1806	rBV2	29458	33889	1.37%	0.094%
76	12.734	1806	1810	1816	rVV	2771357	2482149	100.00%	6.907%
77	12.781	1816	1818	1820	rVV	28509	24548	0.99%	0.068%
78	12.804	1820	1822	1827	rVB2	24506	24465	0.99%	0.068%
79	12.975	1848	1851	1854	rBV2	8556	10807	0.44%	0.030%
80	13.040	1859	1862	1864	rBV3	10389	10180	0.41%	0.028%
81	13.087	1868	1870	1874	rVB2	17882	16367	0.66%	0.046%
82	13.146	1877	1880	1884	rVB2	39658	43312	1.74%	0.121%
83	13.193	1885	1888	1890	rBV	16837	15322	0.62%	0.043%
84	13.287	1901	1904	1907	rBV	26867	23984	0.97%	0.067%
85	13.316	1907	1909	1912	rBV	10656	11075	0.45%	0.031%
86	13.487	1936	1938	1941	rVB	57095	53758	2.17%	0.150%
87	13.822	1991	1995	2004	rBV2	200952	283848	11.44%	0.790%
88	13.969	2015	2020	2023	rBV	2121256	1958284	78.89%	5.449%
89	13.993	2023	2024	2027	rVB	67277	37523	1.51%	0.104%
90	14.145	2047	2050	2055	rBV	142199	128730	5.19%	0.358%
91	14.451	2099	2102	2107	rBV	217691	221363	8.92%	0.616%
92	14.763	2151	2155	2162	rBV	288327	275138	11.08%	0.766%
93	15.016	2195	2198	2202	rBV	54952	78410	3.16%	0.218%
94	15.104	2209	2213	2223	rVB	292114	369523	14.89%	1.028%
95	15.357	2251	2256	2265	rVB	1806881	2181932	87.90%	6.071%
96	15.445	2266	2271	2275	rVV	1604453	1892239	76.23%	5.265%
97	15.487	2275	2278	2286	rVB	293961	366058	14.75%	1.019%
98	15.922	2348	2352	2358	rBV	213333	313766	12.64%	0.873%
99	16.434	2434	2439	2450	rVB	143925	256031	10.31%	0.712%
100	17.028	2536	2540	2547	rVB	62596	114618	4.62%	0.319%

Sum of corrected areas: 35938728

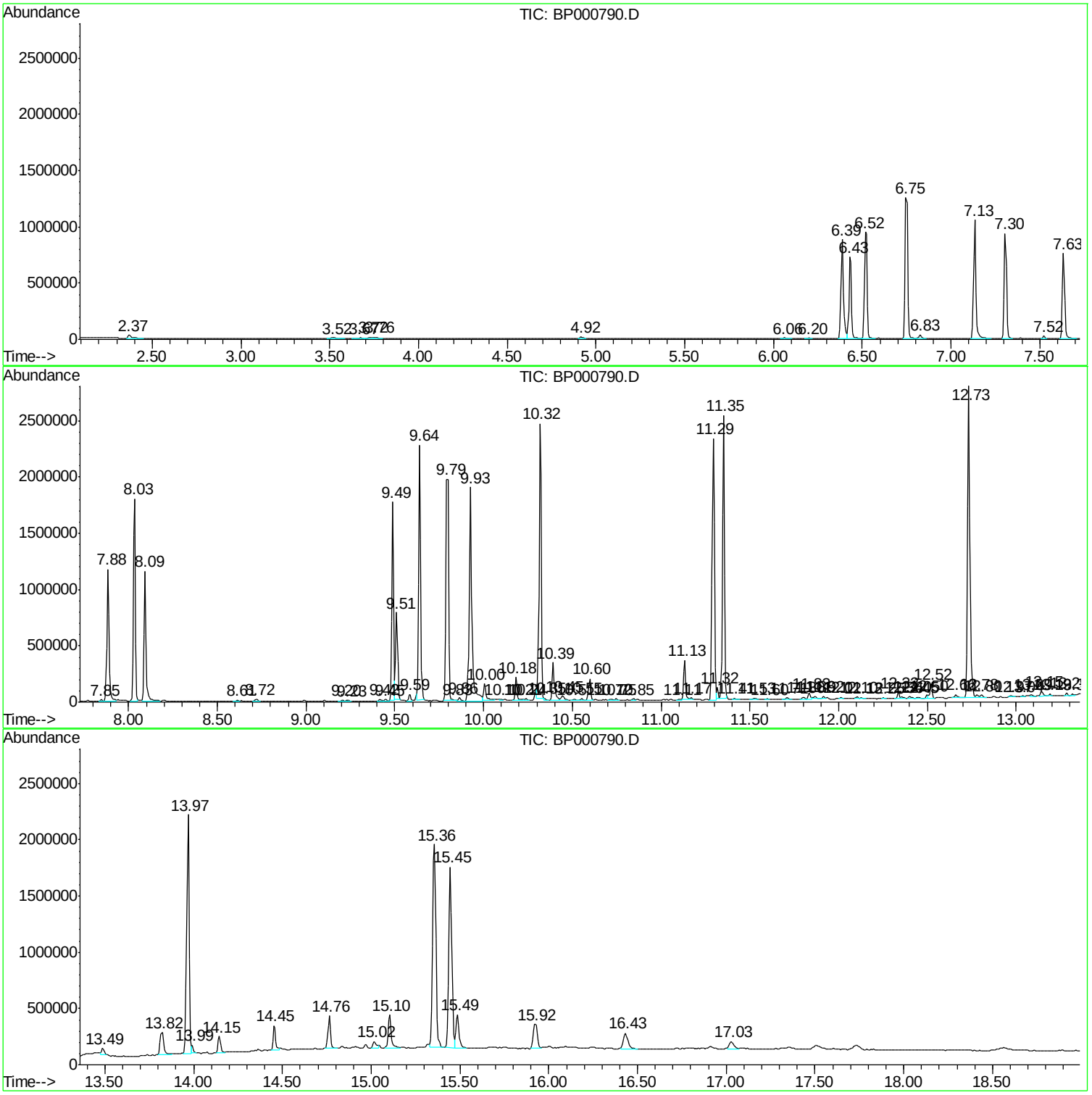
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000790.D
Acq On : 16 Oct 2019 01:01
Operator : JU
Sample : K5178-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPH9

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

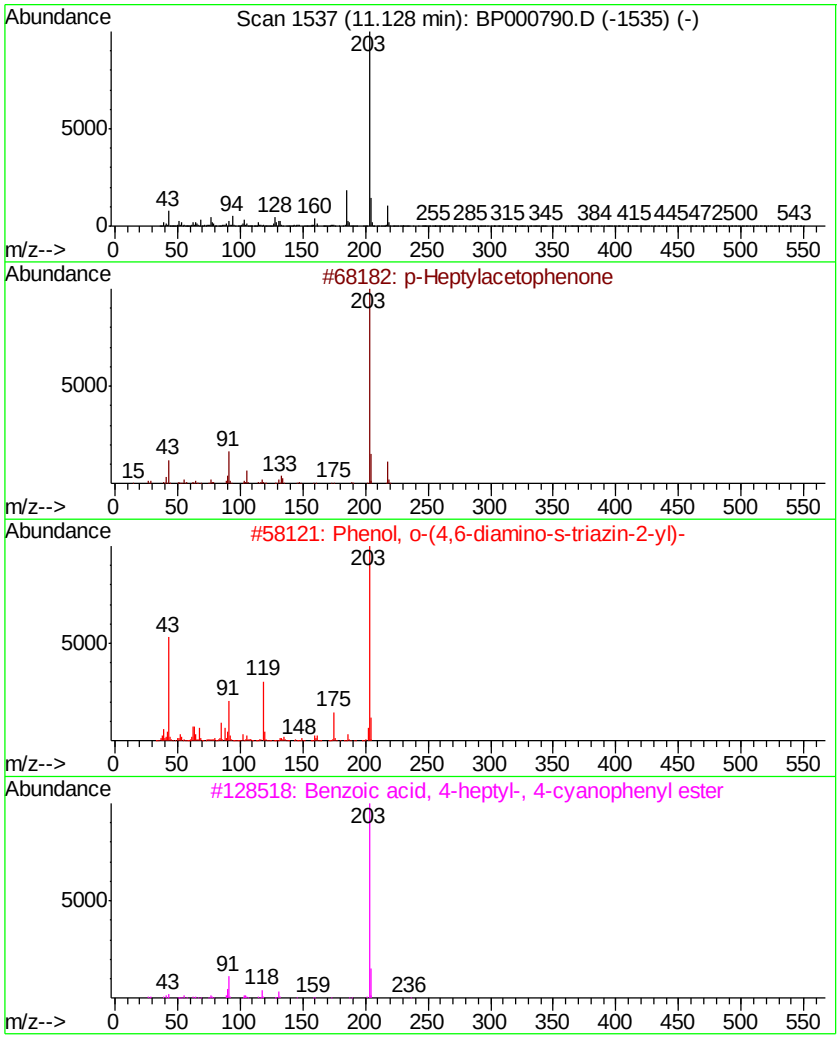
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

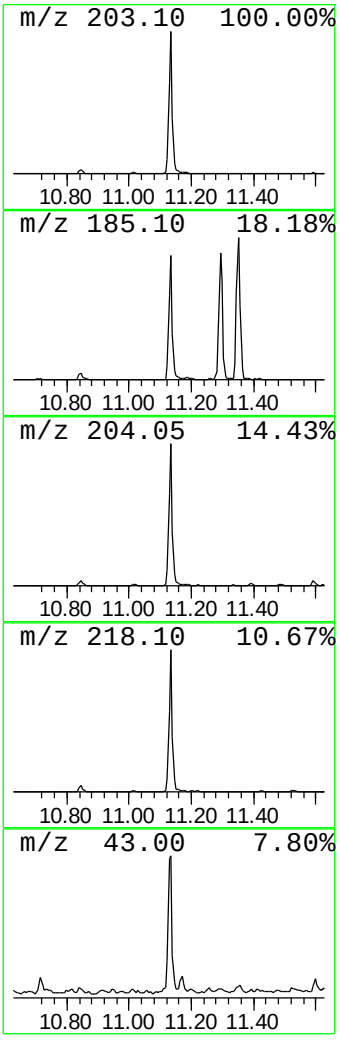
****

Peak Number 1 p-Heptylacetophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	2.96 ng/ul	283761	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Heptylacetophenone	218	C15H22O	037593-03-6	64
2	Phenol, o-(4,6-diamino-s-triazin...	203	C9H9N5O	029366-78-7	42
3	Benzoic acid, 4-heptyl-, 4-cyano...	321	C21H23NO2	038690-76-5	36
4	4'-Cyano-4-biphenylyl p-heptylbe...	397	C27H27NO2	060508-30-7	36
5	1H-Pyrrole-2,5-dione, 2,5-dihydr...	203	C11H9NO3	003007-23-6	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000790.D
Acq On : 16 Oct 2019 01:01
Operator : JU
Sample : K5178-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPH9

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

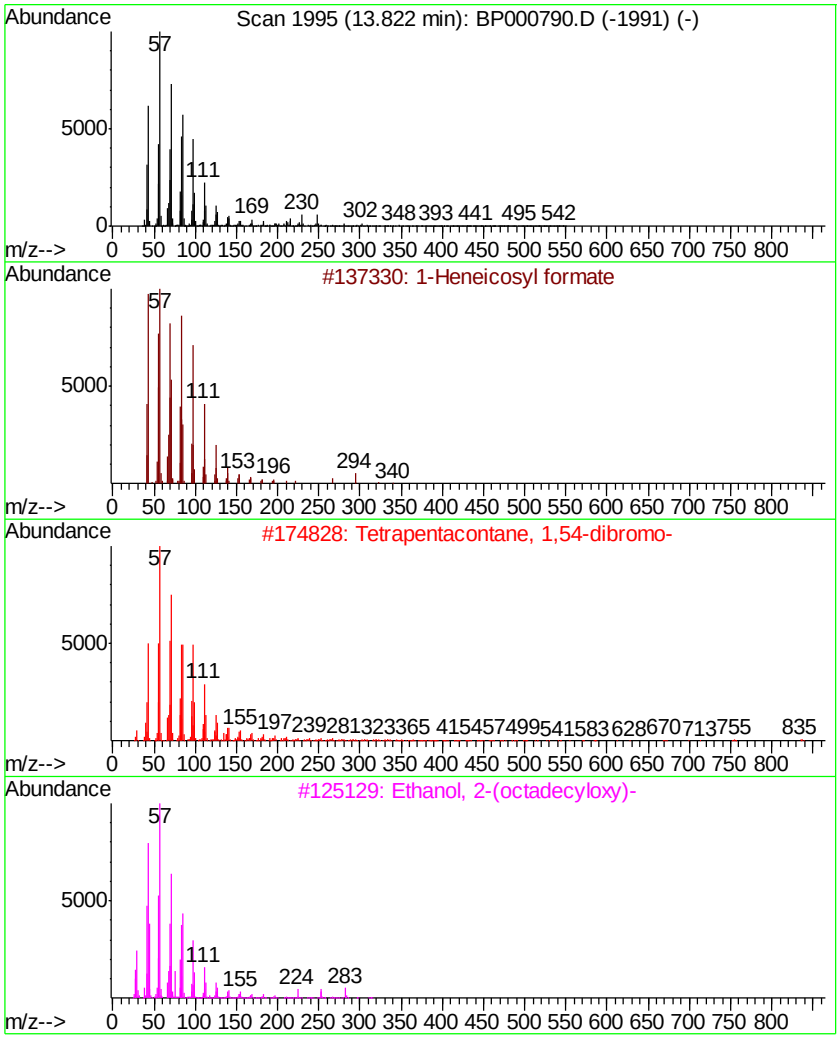
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

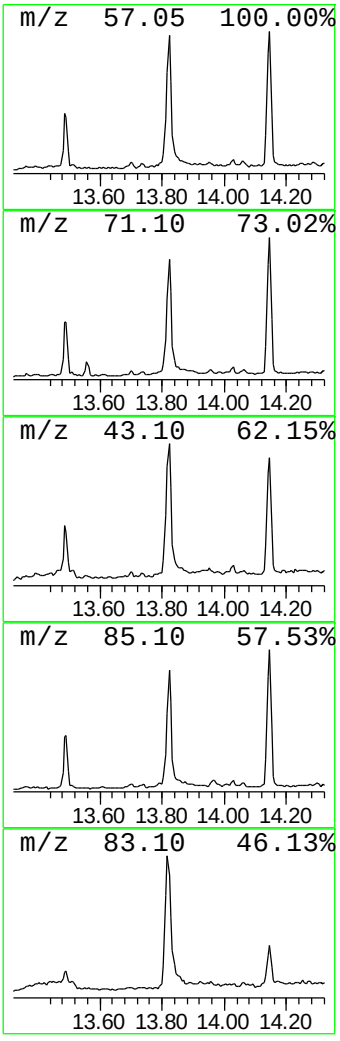
****

Peak Number 2 1-Heneicosyl formate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.90 ng/ul	283848	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	89
2	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	87
3	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	87
4	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	83
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000790.D
Acq On : 16 Oct 2019 01:01
Operator : JU
Sample : K5178-17
Misc :
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Instrument : BNA_P
ClientSampleId : BEPH9

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

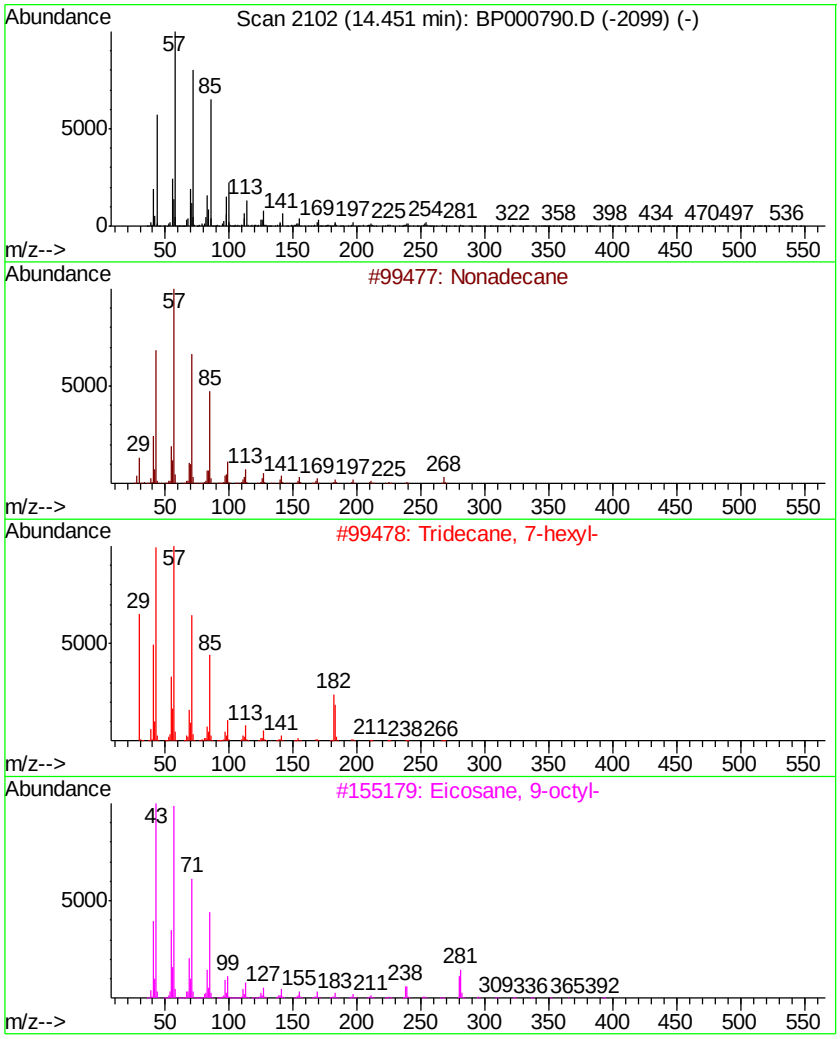
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

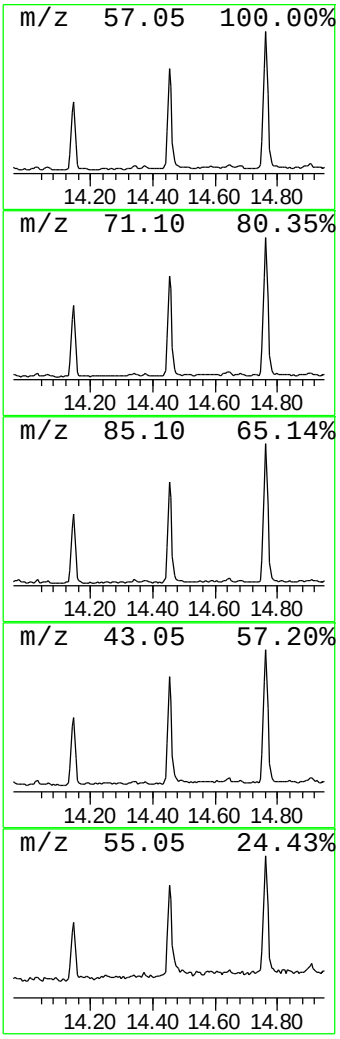
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	2.26 ng/ul	221363	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	94
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93
4	Heptadecane	240	C17H36	000629-78-7	92
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

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Data File : BP000790.D
Acq On : 16 Oct 2019 01:01
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPH9

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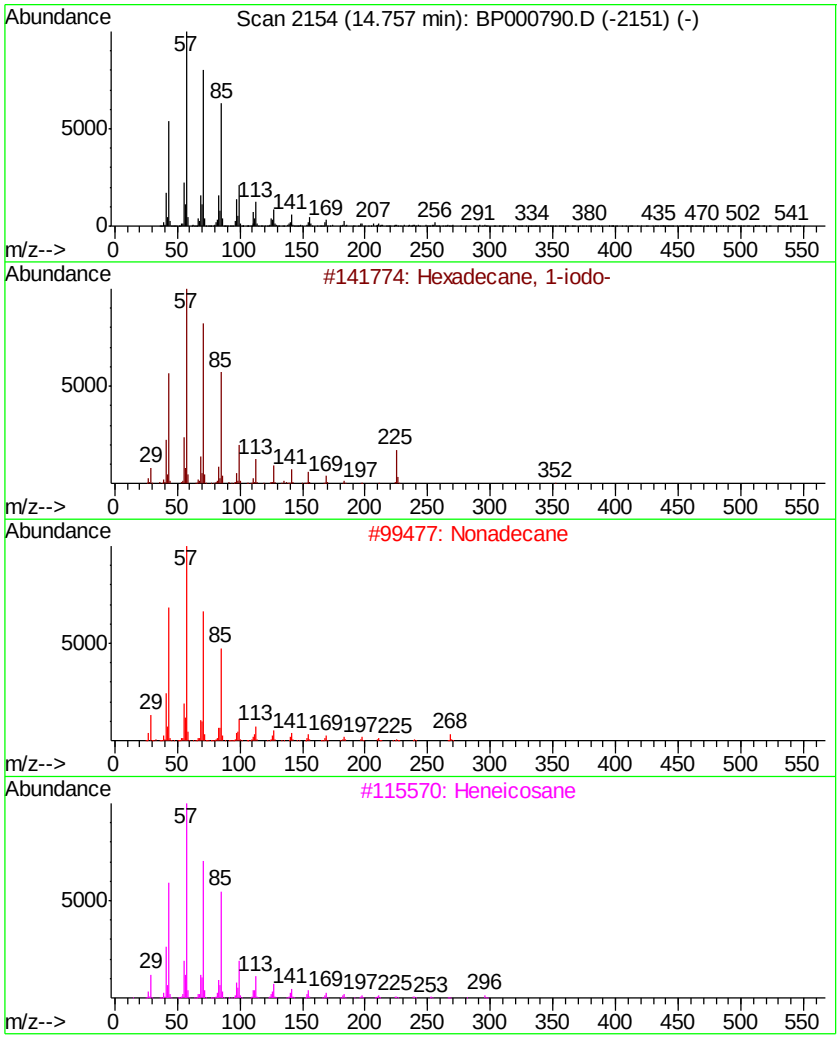
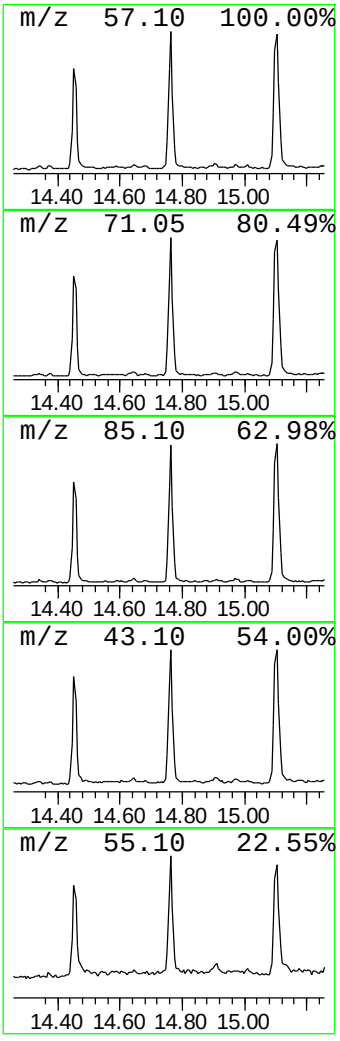
Peak Number 4 Hexadecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.91 ng/ul	275138	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
2	Nonadecane	268	C19H40	000629-92-5	95
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000790.D
Acq On : 16 Oct 2019 01:01
Operator : JU
Sample : K5178-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPH9

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

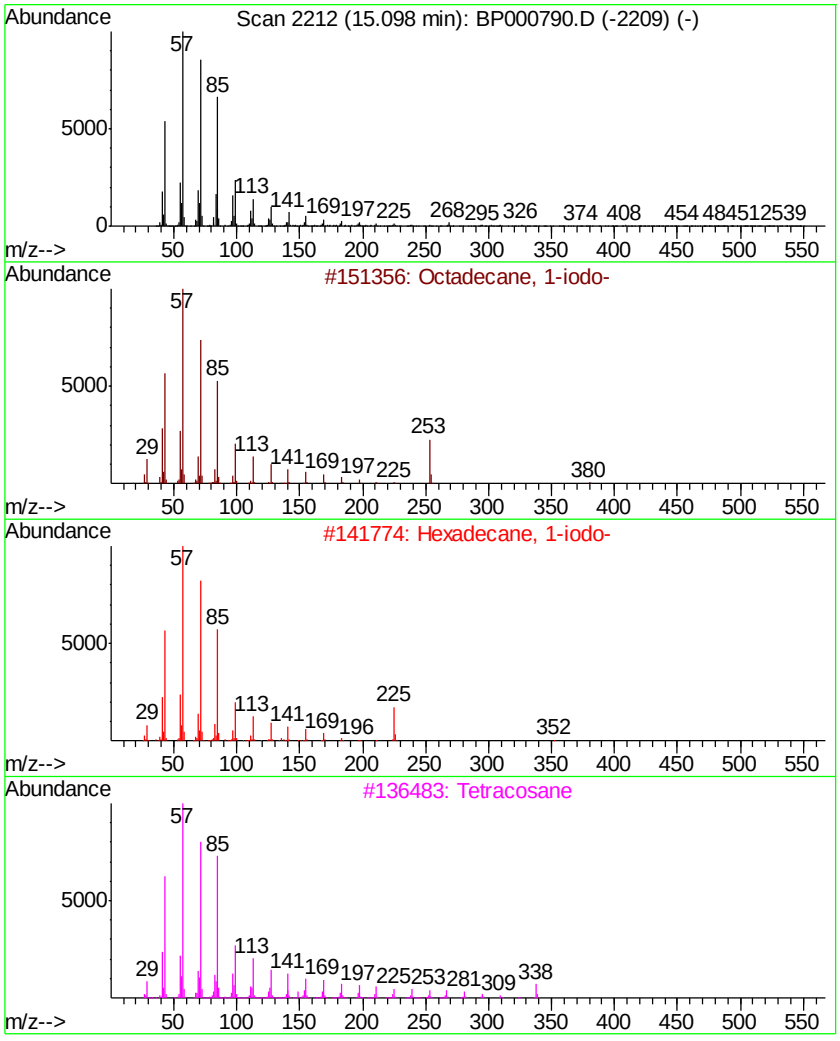
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

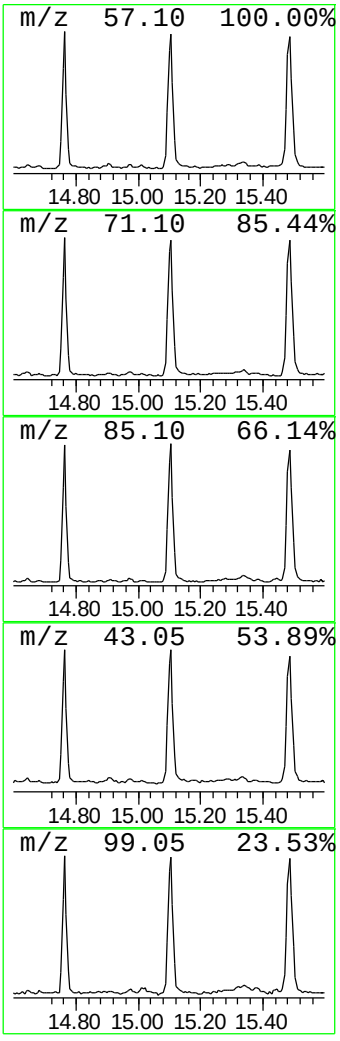
****

Peak Number 5 Octadecane, 1-iodo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	3.91 ng/ul	369523	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	97
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
3	Tetracosane	338	C24H50	000646-31-1	95
4	Triacontane	422	C30H62	000638-68-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000790.D
Acq On : 16 Oct 2019 01:01
Operator : JU
Sample : K5178-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPH9

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

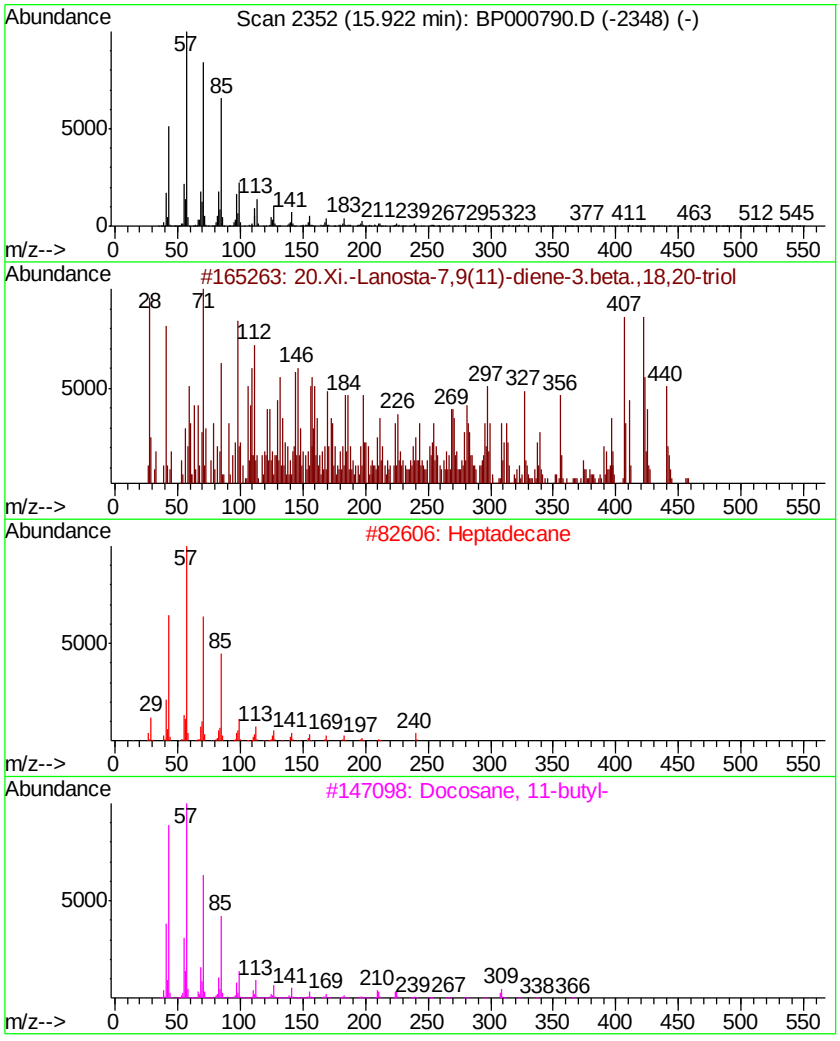
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

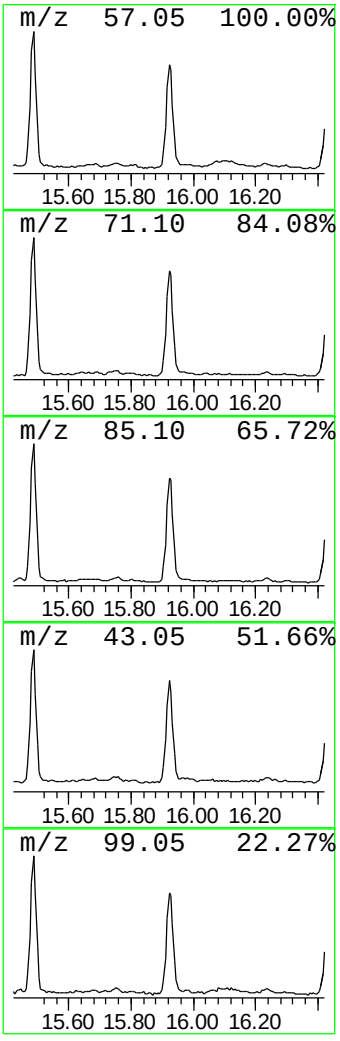
****

Peak Number 6 20.Xi.-Lanosta-7,9(11)-dien... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	3.32 ng/ul	313766	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	20.Xi.-Lanosta-7,9(11)-diene-3.b...	458	C30H50O3	025116-58-9	95
2	Heptadecane	240	C17H36	000629-78-7	93
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4	Heptadecane	240	C17H36	000629-78-7	93
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000790.D
Acq On : 16 Oct 2019 01:01
Operator : JU
Sample : K5178-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPH9

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

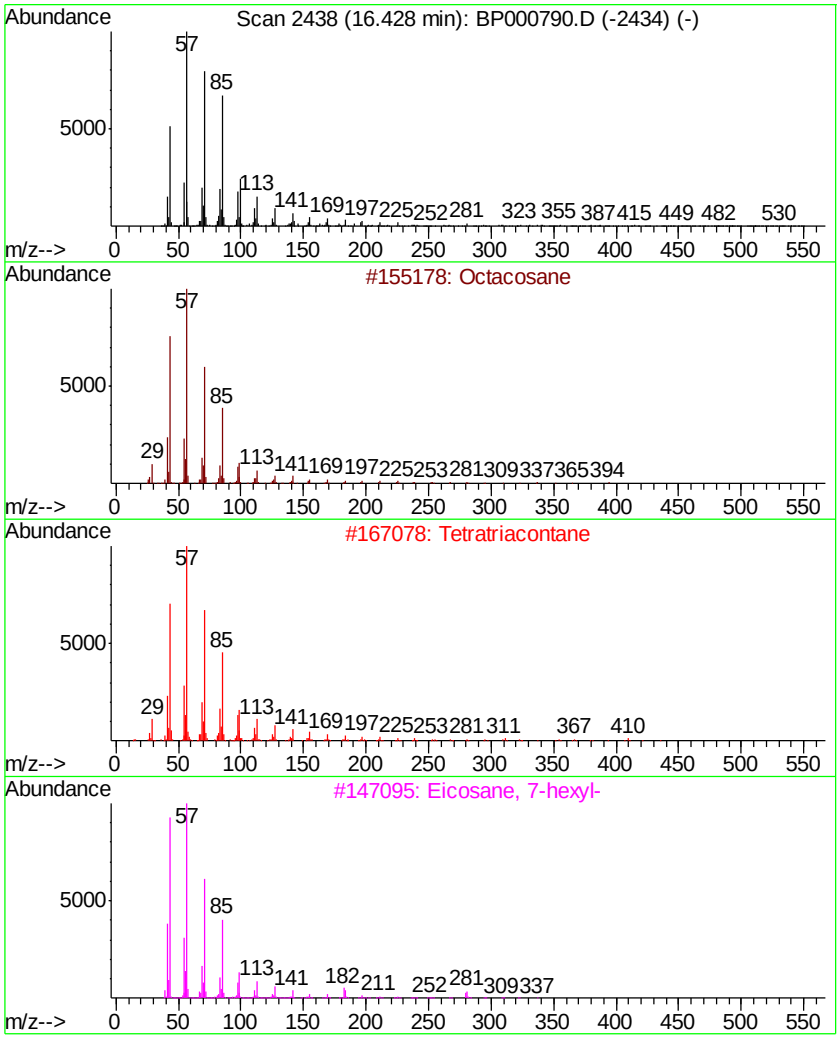
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

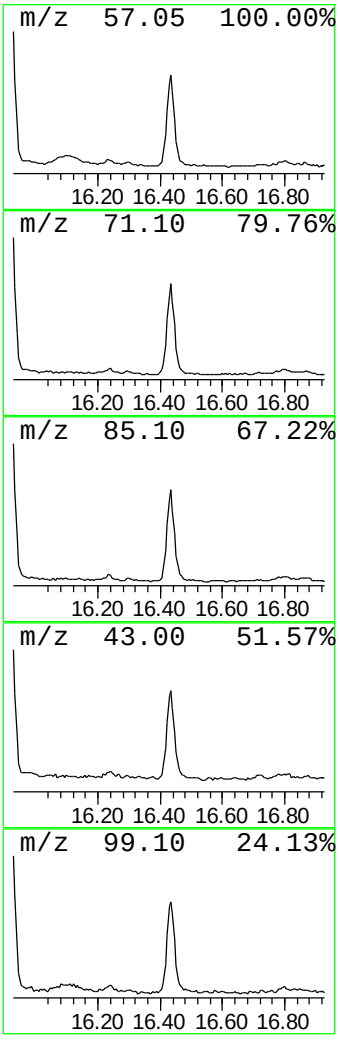
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	2.71 ng/ul	256031	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	94
2	Tetratriacontane	479	C34H70	014167-59-0	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4	Triacontane	422	C30H62	000638-68-6	87
5	Heneicosane	296	C21H44	000629-94-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101619\
Data File : BP000790.D
Acq On : 16 Oct 2019 01:01
Operator : JU
Sample : K5178-17
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BEPH9

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
p-Heptylacetophenone	11.13	3.0	ng/ul	283761	4	11.29	1916810	20.0
1-Heneicosyl formate	13.82	2.9	ng/ul	283848	5	13.97	1958280	20.0
(DEL) Alkane: Str...	14.45	2.3	ng/ul	221363	5	13.97	1958280	20.0
Hexadecane, 1-iodo-	14.76	2.9	ng/ul	275138	6	15.45	1892240	20.0
Octadecane, 1-iodo-	15.10	3.9	ng/ul	369523	6	15.45	1892240	20.0
20.Xi.-Lanosta-7,...	15.92	3.3	ng/ul	313766	6	15.45	1892240	20.0
(DEL) Alkane: Str...	16.43	2.7	ng/ul	256031	6	15.45	1892240	20.0