LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000139.D
Acq On : 09 Sep 2019 17:32
Operator : HP/JU
Sample : K4708-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5Q7

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	2.152	6	11	26	rVB	1441114	1813592	24.83%	2.004%
2	2.605	84	88	96	rBV	104521	148416	2.03%	0.164%
3	3.969	317	320	321	rBV2	7093	7796	0.11%	0.009%
4	3.999	321	325	332	rVB	20175	29321	0.40%	0.032%
5	5.104	506	513	517	rBV	21279	22104	0.30%	0.024%
6	5.146	517	520	524	rVB	7778	8397	0.11%	0.009%
7	6.199	697	699	703	rVB	12975	11011	0.15%	0.012%
8	6.510	748	752	759	rBV	2817722	2590471	35.47%	2.862%
9	6.575	759	763	767	rVB	2319357	2072756	28.38%	2.290%
10	6.657	773	777	781	rBV	3221416	2672620	36.59%	2.953%
11	6.893	813	817	820	rBV	3238844	2393886	32.78%	2.645%
12	6.951	824	827	830	rBV	21270	15327	0.21%	0.017%
13	7.257	875	879	882	rBV	4203131	3162681	43.30%	3.494%
14	7.445	907	911	914	rBV	3020412	2310724	31.64%	2.553%
15	7.528	922	925	930	rVB4	11523	12045	0.16%	0.013%
16	7.663	945	948	953	rVB	50832	41134	0.56%	0.045%
17	7.775	963	967	970	rBV	2225431	1795387	24.58%	1.984%
18	8.010	1004	1007	1011	rBV	3574772	3102463	42.48%	3.428%
19	8.175	1032	1035	1039	rVB	4144311	3294249	45.10%	3.640%
20	8.228	1041	1044	1048	rBV	3796480	3122356	42.75%	3.450%
21	8.481	1085	1087	1095	rBV6	4038	7305	0.10%	0.008%
22	8.857	1148	1151	1154	rBV	74012	56136	0.77%	0.062%
23	9.163	1200	1203	1208	rVB7	6765	7681	0.11%	0.008%
24	9.345	1230	1234	1237	rBV3	14960	19962	0.27%	0.022%
25	9.375	1237	1239	1243	rVB3	9362	7897	0.11%	0.009%
26	9.628	1278	1282	1285	rBV	4839708	4156737	56.91%	4.592%
27	9.651	1285	1286	1291	rVV	917937	508545	6.96%	0.562%
28	9.698	1291	1294	1298	rVB6	8783	10057	0.14%	0.011%
29	9.787	1305	1309	1313	rBV	6758049	5443676	74.53%	6.014%
30	9.881	1323	1325	1327	rVB	14602	10292	0.14%	0.011%
31	9.945	1332	1336	1339	rBV	5053059	4073806	55.78%	4.501%
32	10.028	1346	1350	1353	rBV	2280290	1866951	25.56%	2.063%
33	10.145	1368	1370	1374	rVB2	33851	30101	0.41%	0.033%
34	10.245	1384	1387	1390	rBV4	9429	8986	0.12%	0.010%

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Sample : K4708-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5Q7

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	10.363	1403	1407	1409	rBV2	11646	12918	0.18%	0.014%
36	10.387	1409	1411	1414	rVB	18944	12850	0.18%	0.014%
37	10.469	1421	1425	1428	rBV	7365491	6298022	86.23%	6.958%
38	10.522	1430	1434	1443	rBV	1626489	1321566	18.09%	1.460%
39	10.598	1444	1447	1451	rVB	98743	87934	1.20%	0.097%
40	10.728	1467	1469	1473	rBV5	5035	8474	0.12%	0.009%
41	10.781	1475	1478	1480	rVV4	9523	8601	0.12%	0.010%
42	10.892	1494	1497	1502	rVB4	37607	39794	0.54%	0.044%
43	10.951	1505	1507	1512	rVV6	7818	9437	0.13%	0.010%
44	11.022	1516	1519	1522	rVB	21297	16194	0.22%	0.018%
45	11.110	1530	1534	1536	rBV4	7971	9120	0.12%	0.010%
46	11.263	1557	1560	1562	rVB	17533	14610	0.20%	0.016%
47	11.322	1562	1570	1578	rBV	32404	41929	0.57%	0.046%
48	11.445	1587	1591	1595	rBV	5338067	4455180	61.00%	4.922%
49	11.504	1597	1601	1604	rBV	7648094	6338295	86.78%	7.003%
50	11.757	1642	1644	1649	rVB6	6983	8569	0.12%	0.009%
51	11.851	1658	1660	1663	rVB4	9039	7846	0.11%	0.009%
52	11.986	1680	1683	1688	rBV2	55583	65789	0.90%	0.073%
53	12.163	1710	1713	1717	rBV5	9435	15486	0.21%	0.017%
54	12.257	1726	1729	1735	rVB5	16579	22407	0.31%	0.025%
55	12.522	1771	1774	1780	rBV4	14456	19466	0.27%	0.022%
56	12.616	1787	1790	1791	rBV3	8628	7537	0.10%	0.008%
57	12.657	1794	1797	1803	rVB	92660	80861	1.11%	0.089%
58	12.792	1817	1820	1822	rBV4	11444	12037	0.16%	0.013%
59	12.816	1822	1824	1828	rVB	69419	62323	0.85%	0.069%
60	12.898	1833	1838	1841	rBV	7558595	7303681	100.00%	8.069%
61	13.310	1904	1908	1913	rBV8	12143	24729	0.34%	0.027%
62	13.569	1949	1952	1958	rVB4	29349	36762	0.50%	0.041%
63	14.010	2021	2027	2038	rBV	447646	895669	12.26%	0.990%
64	14.133	2044	2048	2052	rBV	4649572	4624775	63.32%	5.110%
65	14.345	2081	2084	2089	rBV2	42041	55150	0.76%	0.061%
66	14.669	2135	2139	2146	rBV3	73120	167202	2.29%	0.185%
67	14.916	2172	2181	2185	rBV4	160379	474420	6.50%	0.524%
68	15.075	2205	2208	2212	rVB2	48726	63470	0.87%	0.070%
69	15.169	2221	2224	2230	rVB2	93217	120147	1.65%	0.133%
70	15.369	2254	2258	2266	rVB2	164161	284983	3.90%	0.315%
71	15.580	2287	2294	2302	rVB	5058339	6860939	93.94%	7.580%

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Instrument : BNA_P
ClientSampleId : CB5Q7

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

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Peak separation: 5

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

72	15.674	2304	2310	2318	rVB	3310872	4559119	62.42%	5.037%
73	15.786	2324	2329	2336	rVB	202296	369153	5.05%	0.408%
74	16.269	2404	2411	2417	rBV3	197856	491440	6.73%	0.543%
75	16.821	2499	2505	2512	rVB2	166778	368838	5.05%	0.407%

Sum of corrected areas: 90512590

LSC Report - Integrated Chromatogram

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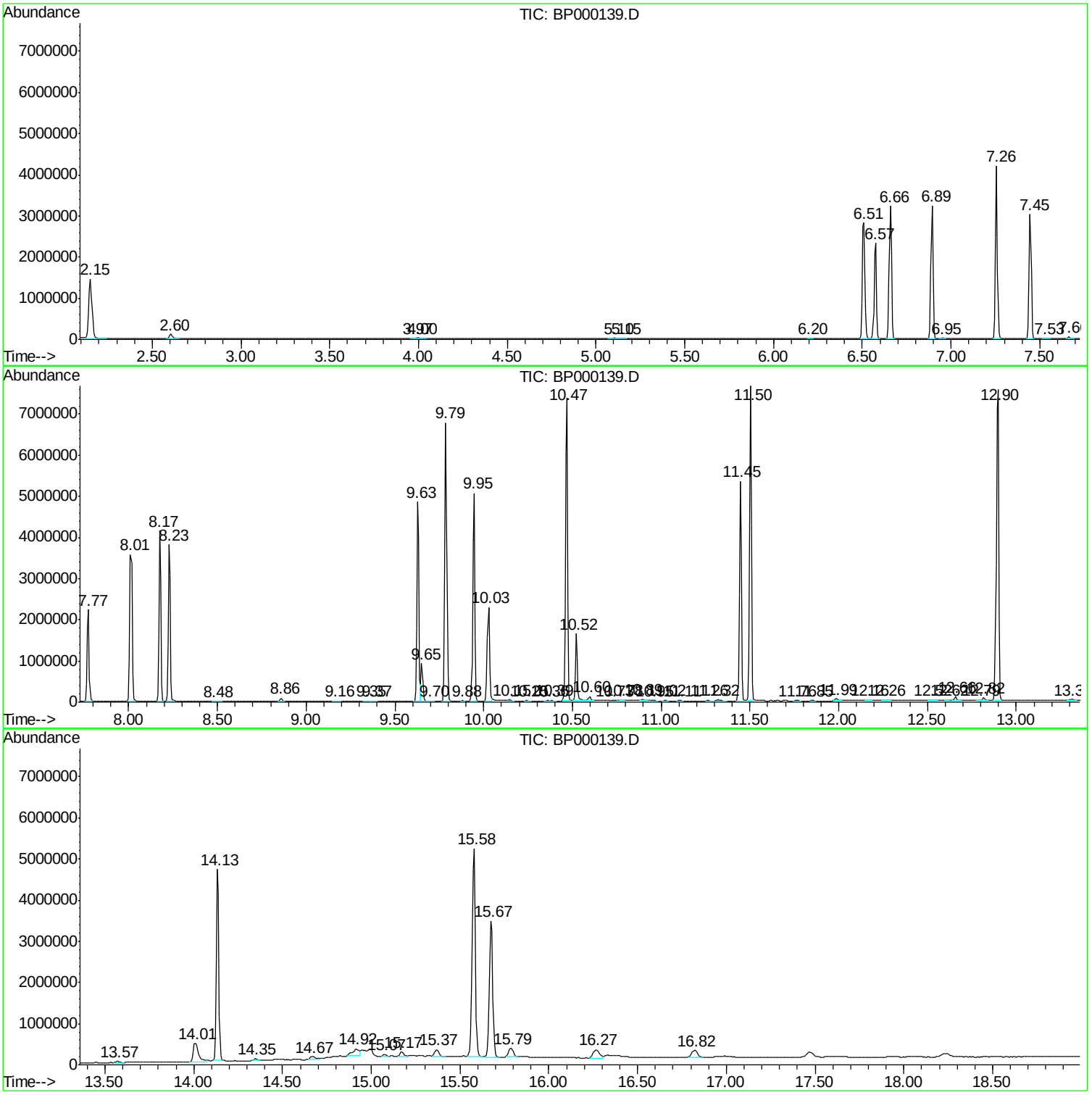
Data File : BP000139.D
Acq On : 09 Sep 2019 17:32
Operator : HP/JU
Sample : K4708-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5Q7

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090919\
Data File : BP000139.D
Acq On : 09 Sep 2019 17:32
Operator : HP/JU
Sample : K4708-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB5Q7

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

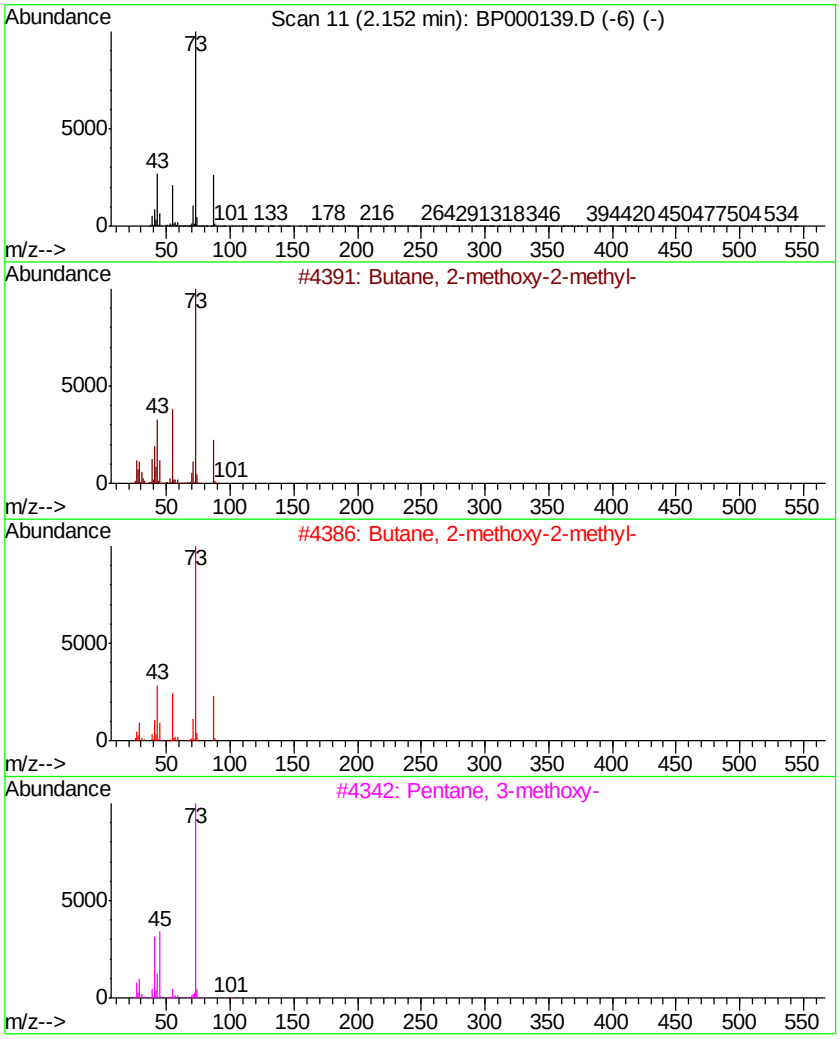
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

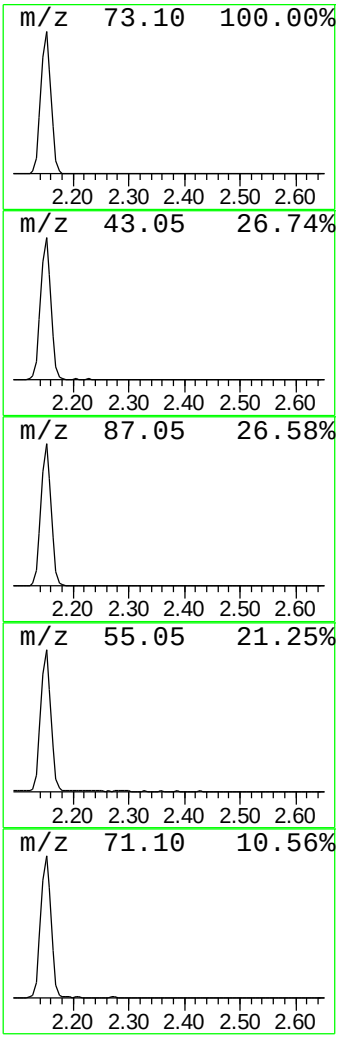
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	15.15 ng/ul	1813590	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	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9





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Instrument : BNA_P
ClientSampleId : CB5Q7

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

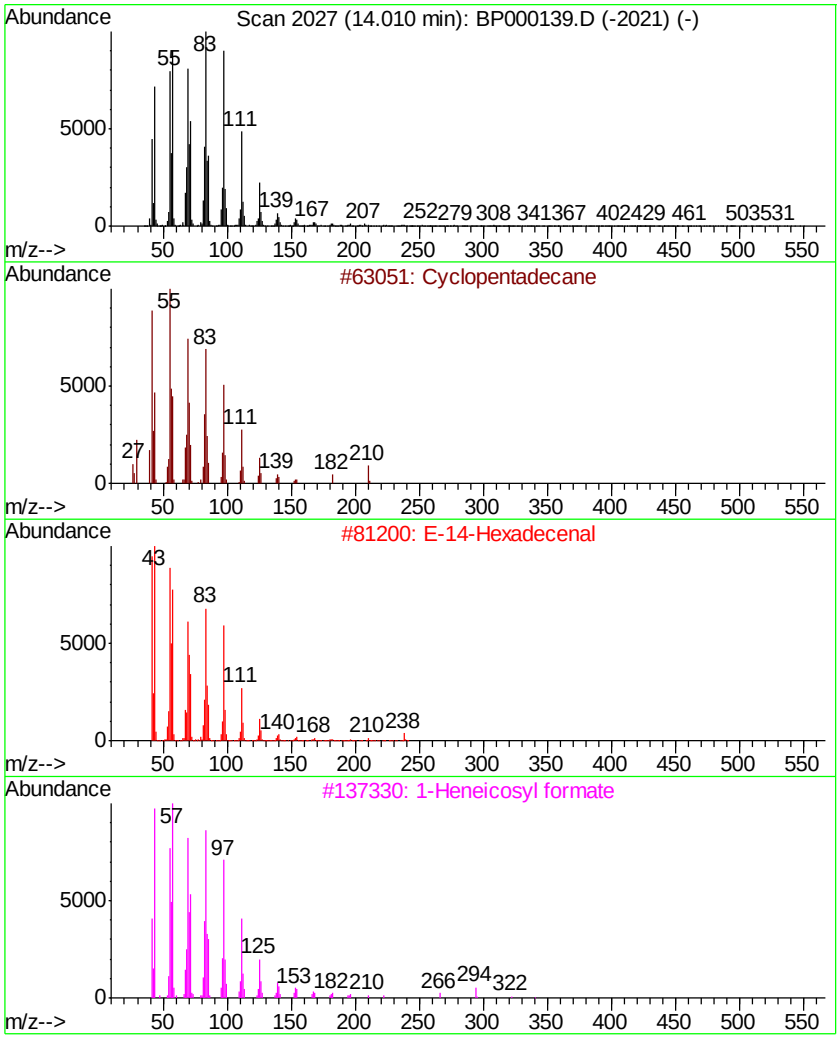
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

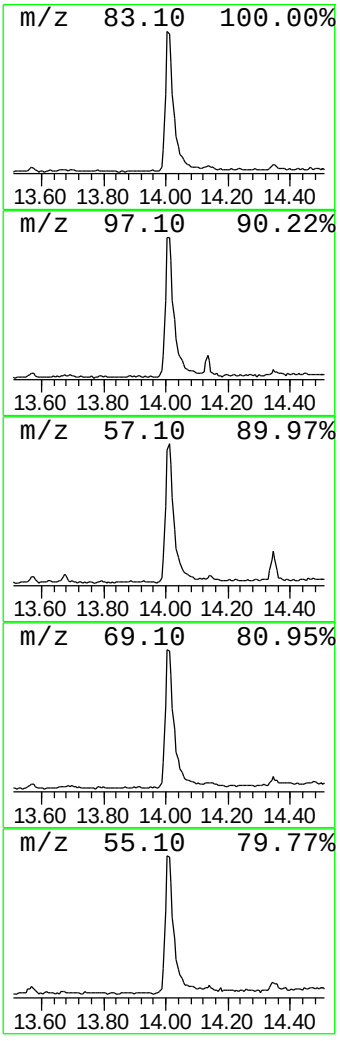
****

Peak Number 2 (DEL) Alkane: Cyclic14.01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	3.87 ng/ul	895669	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Library Search Compound Report

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Misc :
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Instrument : BNA_P
ClientSampleId : CB5Q7

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

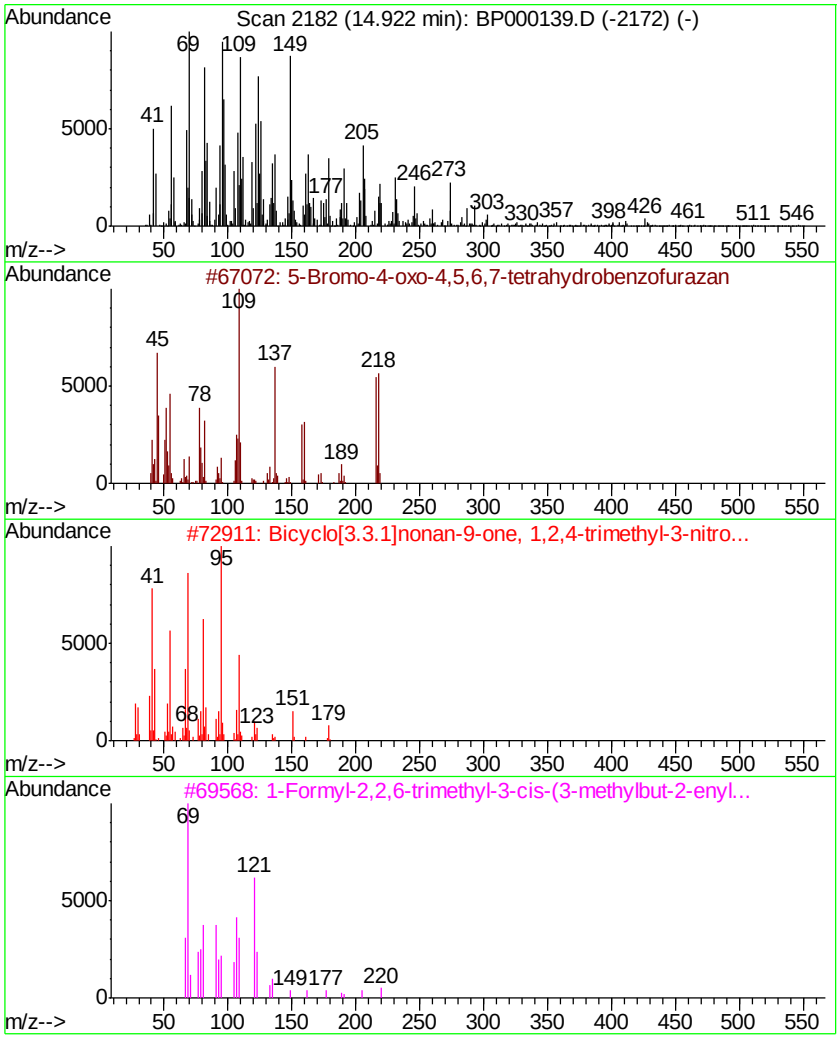
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

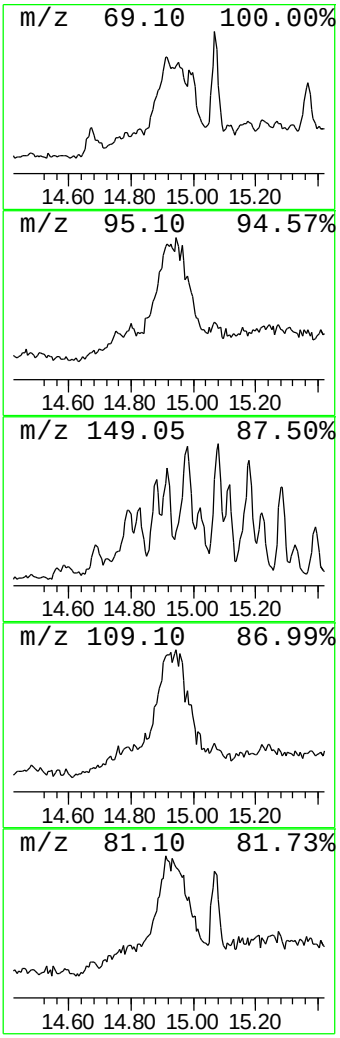
****

Peak Number 3 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.08 ng/ul	474420	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
2	Bicyclo[3.3.1]nonan-9-one, 1,2,4...	225	C12H19NO3	129967-65-3	27
3	1-Formyl-2,2,6-trimethyl-3-cis-(...	220	C15H24O	1000144-10-1	25
4	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-91-9	22
5	3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	18





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

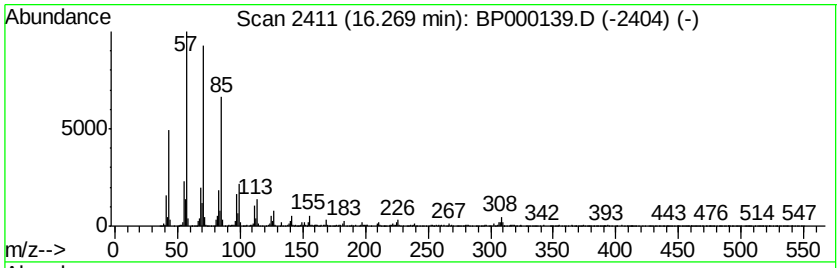
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

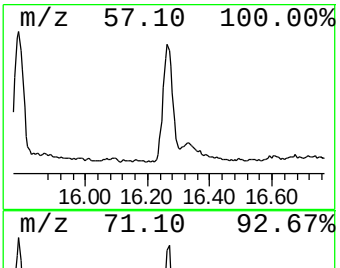
****

Peak Number 4 Hexadecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.27	2.16 ng/ul	491440	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
2	Methoxyacetic acid, 4-hexadecyl ...	314	C19H38O3	1000282-99-0	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Hexadecane	226	C16H34	000544-76-3	87





Tentatively Identified Compound (LSC) summary

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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...	2.15	15.2	ng/ul	1813590	1	6.89	2393890	20.0
(DEL) Alkane: Cyc...	14.01	3.9	ng/ul	895669	5	14.13	4624780	20.0
5-Bromo-4-oxo-4,5...	14.92	2.1	ng/ul	474420	6	15.67	4559120	20.0
Hexadecane, 1-iodo-	16.27	2.2	ng/ul	491440	6	15.67	4559120	20.0