LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100919\
Data File : BP000576.D
Acq On : 09 Oct 2019 18:17
Operator : JU
Sample : K5201-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AB5

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	2.364	44	47	60	rVB	41118	58458	1.41%	0.136%
2	3.764	281	285	291	rVB	9417	14519	0.35%	0.034%
3	4.381	384	390	397	rBV2	11977	16085	0.39%	0.037%
4	4.852	465	470	474	rBV	4588	6936	0.17%	0.016%
5	5.616	597	600	607	rVB	30429	28308	0.68%	0.066%
6	6.063	673	676	681	rBV	7342	7033	0.17%	0.016%
7	6.299	713	716	720	rBV	45646	45360	1.10%	0.105%
8	6.334	720	722	728	rVB	7286	6962	0.17%	0.016%
9	6.387	728	731	736	rBV2	323850	328169	7.93%	0.761%
10	6.434	736	739	743	rVB	1101392	866915	20.94%	2.011%
11	6.522	750	754	761	rBV	1293842	992165	23.97%	2.301%
12	6.752	790	793	797	rBV	1614553	1253762	30.28%	2.908%
13	6.816	801	804	817	rBV	153292	149610	3.61%	0.347%
14	6.910	817	820	827	rVB7	7891	10657	0.26%	0.025%
15	7.010	834	837	845	rVB5	4127	6876	0.17%	0.016%
16	7.075	845	848	855	rBV2	7119	8473	0.20%	0.020%
17	7.134	855	858	861	rBV	969217	760463	18.37%	1.764%
18	7.287	881	884	885	rBV	130245	94722	2.29%	0.220%
19	7.310	885	888	891	rVV	1351597	1047475	25.30%	2.429%
20	7.334	891	892	895	rVV	32949	23407	0.57%	0.054%
21	7.363	895	897	900	rVV2	8883	8801	0.21%	0.020%
22	7.399	900	903	906	rVB	20003	16071	0.39%	0.037%
23	7.528	922	925	928	rBV	18948	15175	0.37%	0.035%
24	7.634	940	943	947	rBV	1022256	839976	20.29%	1.948%
25	7.810	971	973	978	rVV5	5262	7896	0.19%	0.018%
26	7.881	982	985	994	rVV	1537091	1350811	32.63%	3.133%
27	7.946	994	996	999	rVV	28895	31644	0.76%	0.073%
28	7.999	1002	1005	1008	rVV	68114	69939	1.69%	0.162%
29	8.034	1008	1011	1015	rVV	2117259	1715852	41.45%	3.980%
30	8.099	1019	1022	1027	rVV	101656	94923	2.29%	0.220%
31	8.263	1048	1050	1052	rBV	19765	16675	0.40%	0.039%
32	8.287	1052	1054	1057	rVV	20626	22181	0.54%	0.051%
33	8.316	1057	1059	1064	rVB2	13109	13823	0.33%	0.032%
34	8.375	1064	1069	1075	rBV3	13320	23265	0.56%	0.054%

LSC Area Percent Report

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Acq On : 09 Oct 2019 18:17
Operator : JU
Sample : K5201-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AB5

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	8.457	1081	1083	1091	rVB7	4471	7823	0.19%	0.018%
36	8.534	1092	1096	1102	rBV3	8117	8677	0.21%	0.020%
37	8.593	1102	1106	1113	rBV	274738	259613	6.27%	0.602%
38	8.722	1124	1128	1131	rVV	28413	25284	0.61%	0.059%
39	8.852	1147	1150	1157	rVB	5790	7645	0.18%	0.018%
40	8.946	1163	1166	1171	rBV3	8008	11206	0.27%	0.026%
41	8.999	1171	1175	1179	rBV2	22616	37927	0.92%	0.088%
42	9.104	1190	1193	1201	rVB2	101710	93595	2.26%	0.217%
43	9.252	1206	1218	1231	rVB	287983	292251	7.06%	0.678%
44	9.434	1246	1249	1255	rBV2	15266	15098	0.36%	0.035%
45	9.493	1255	1259	1261	rVV	2468909	1990550	48.08%	4.617%
46	9.510	1261	1262	1267	rVB	333202	235427	5.69%	0.546%
47	9.557	1267	1270	1277	rVB2	12857	14338	0.35%	0.033%
48	9.646	1281	1285	1288	rBV	3019051	2537167	61.28%	5.885%
49	9.722	1295	1298	1300	rBV	8433	8632	0.21%	0.020%
50	9.799	1307	1311	1314	rBV	2899165	2193576	52.99%	5.088%
51	9.834	1314	1317	1323	rVB	68719	53812	1.30%	0.125%
52	9.910	1327	1330	1338	rVB	155223	164603	3.98%	0.382%
53	10.010	1344	1347	1351	rVB3	18935	19322	0.47%	0.045%
54	10.146	1364	1370	1379	rVB	62569	70122	1.69%	0.163%
55	10.216	1379	1382	1385	rBV2	28153	26564	0.64%	0.062%
56	10.322	1396	1400	1403	rBV	3869955	3096033	74.78%	7.181%
57	10.387	1408	1411	1419	rBV	718857	691199	16.70%	1.603%
58	10.451	1419	1422	1430	rVV	49715	59972	1.45%	0.139%
59	10.516	1430	1433	1437	rVB	24684	20958	0.51%	0.049%
60	10.599	1442	1447	1450	rBV	27496	22114	0.53%	0.051%
61	10.634	1450	1453	1457	rBV5	5880	6999	0.17%	0.016%
62	10.728	1465	1469	1470	rBV2	6363	6783	0.16%	0.016%
63	10.746	1470	1472	1476	rVB	16300	14606	0.35%	0.034%
64	11.069	1523	1527	1532	rBV	25098	24569	0.59%	0.057%
65	11.110	1532	1534	1537	rVB	7960	7152	0.17%	0.017%
66	11.175	1541	1545	1551	rVB	11629	15197	0.37%	0.035%
67	11.293	1562	1565	1569	rVB	2650588	2364255	57.11%	5.484%
68	11.351	1571	1575	1579	rBV	4326283	3629049	87.66%	8.417%
69	11.410	1582	1585	1588	rVB4	11689	9599	0.23%	0.022%
70	11.469	1592	1595	1599	rVB	10574	11038	0.27%	0.026%
71	11.516	1599	1603	1609	rBV4	11553	13139	0.32%	0.030%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100919\
Data File : BP000576.D
Acq On : 09 Oct 2019 18:17
Operator : JU
Sample : K5201-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AB5

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	11.693	1629	1633	1636	rBV	1109316	843079	20.36%	1.955%
73	11.787	1647	1649	1654	rVB	13284	11217	0.27%	0.026%
74	11.834	1654	1657	1661	rBV3	19408	22981	0.56%	0.053%
75	11.881	1661	1665	1673	rVV2	28588	41005	0.99%	0.095%
76	11.975	1677	1681	1684	rBV	37839	34489	0.83%	0.080%
77	12.504	1767	1771	1776	rVV	42721	40748	0.98%	0.095%
78	12.657	1794	1797	1802	rVB	37906	33803	0.82%	0.078%
79	12.734	1806	1810	1814	rBV	4633708	4139979	100.00%	9.602%
80	12.804	1820	1822	1827	rVB3	11447	10437	0.25%	0.024%
81	13.145	1877	1880	1883	rBV	17966	17254	0.42%	0.040%
82	13.392	1916	1922	1925	rBV4	14064	18617	0.45%	0.043%
83	13.492	1936	1939	1942	rBV	24384	19374	0.47%	0.045%
84	13.545	1946	1948	1954	rVB3	5203	7054	0.17%	0.016%
85	13.704	1971	1975	1980	rBV	31577	32931	0.80%	0.076%
86	13.769	1983	1986	1989	rBV	8028	9210	0.22%	0.021%
87	13.804	1989	1992	1993	rBV	12296	11766	0.28%	0.027%
88	13.834	1993	1997	2015	rVB4	105748	257423	6.22%	0.597%
89	13.969	2015	2020	2023	rBV	2664946	2424718	58.57%	5.624%
90	14.145	2047	2050	2058	rBV	48427	48466	1.17%	0.112%
91	14.457	2100	2103	2107	rBV	69272	59630	1.44%	0.138%
92	14.739	2149	2151	2153	rBV2	12548	12380	0.30%	0.029%
93	14.769	2153	2156	2162	rVB	77971	83041	2.01%	0.193%
94	14.969	2186	2190	2194	rBV	45665	49563	1.20%	0.115%
95	15.110	2210	2214	2222	rVB2	87020	106453	2.57%	0.247%
96	15.351	2249	2255	2265	rBV	3305442	3990340	96.39%	9.255%
97	15.445	2265	2271	2275	rVV	1953656	2475232	59.79%	5.741%
98	15.486	2275	2278	2289	rVB	84598	131996	3.19%	0.306%
99	15.928	2349	2353	2362	rVB	60307	92512	2.23%	0.215%
100	16.439	2435	2440	2449	rVB	39254	70816	1.71%	0.164%

Sum of corrected areas: 43115795

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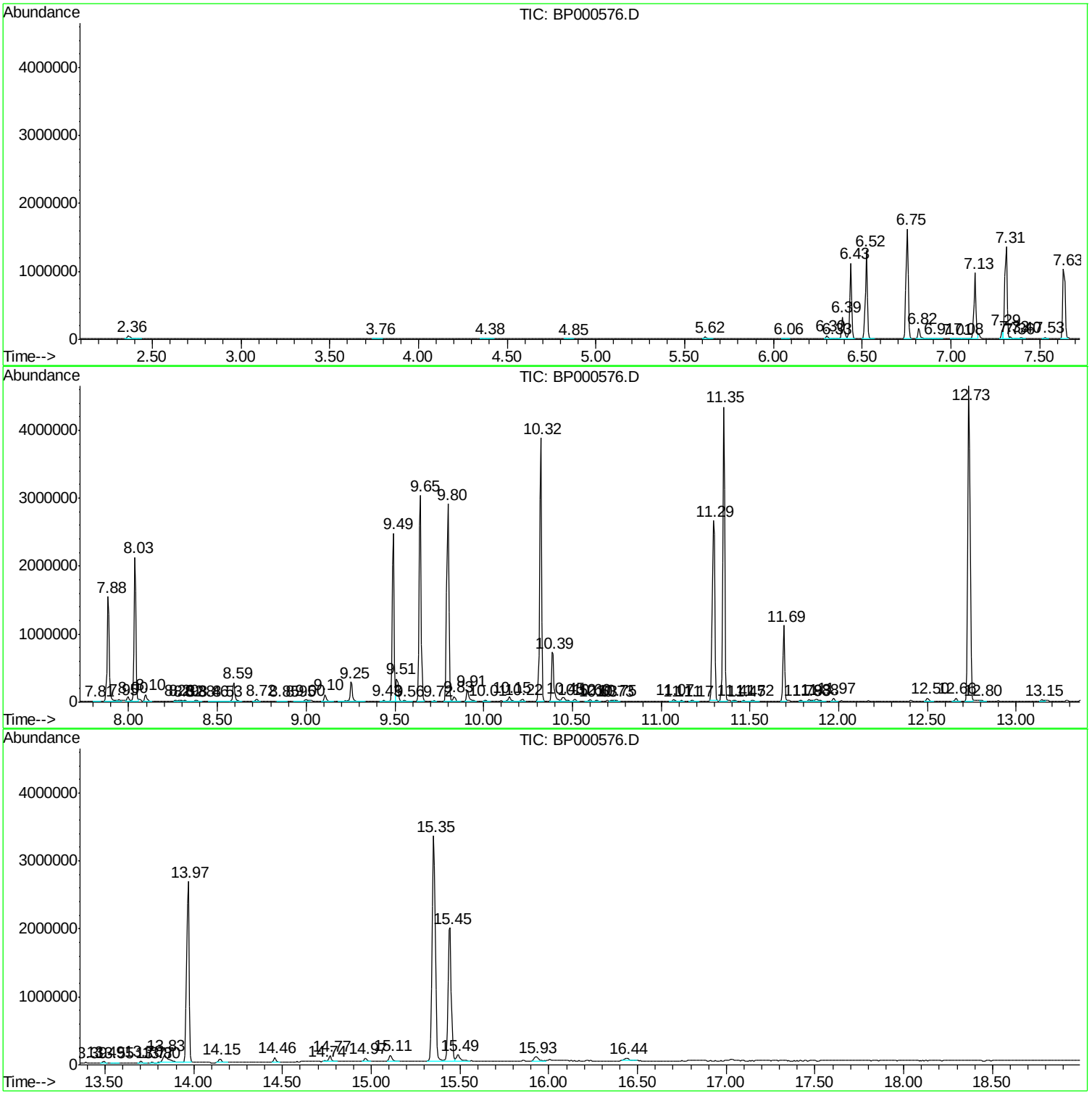
Instrument : BNA_P
ClientSampleId : C0AB5

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\BP100919\
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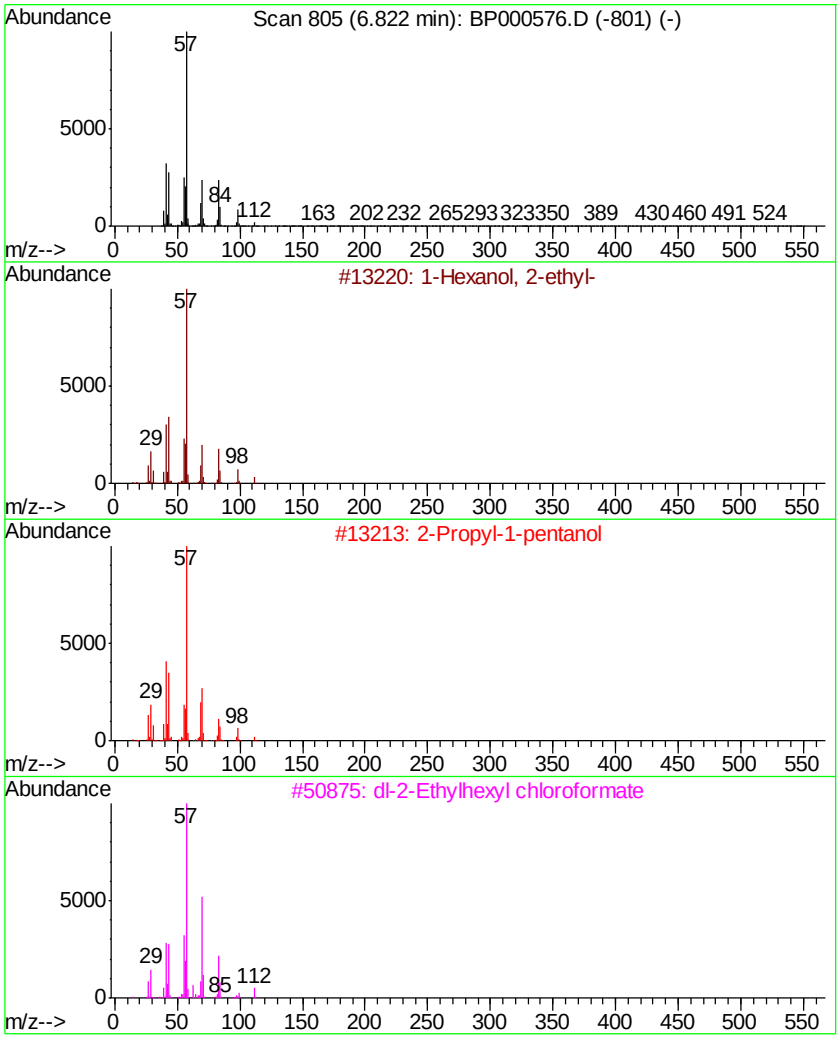
TIC Integration Parameters: LSCINT.P

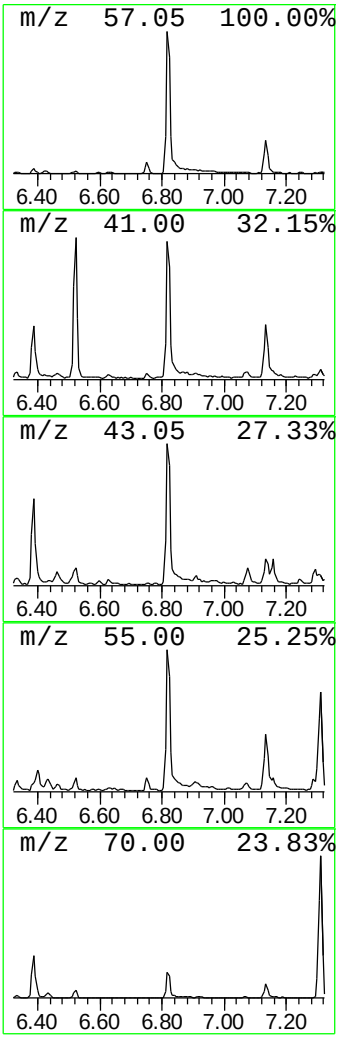
****

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	2.39 ng/ul	149610	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
3	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	53
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
5	3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100919\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AB5

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

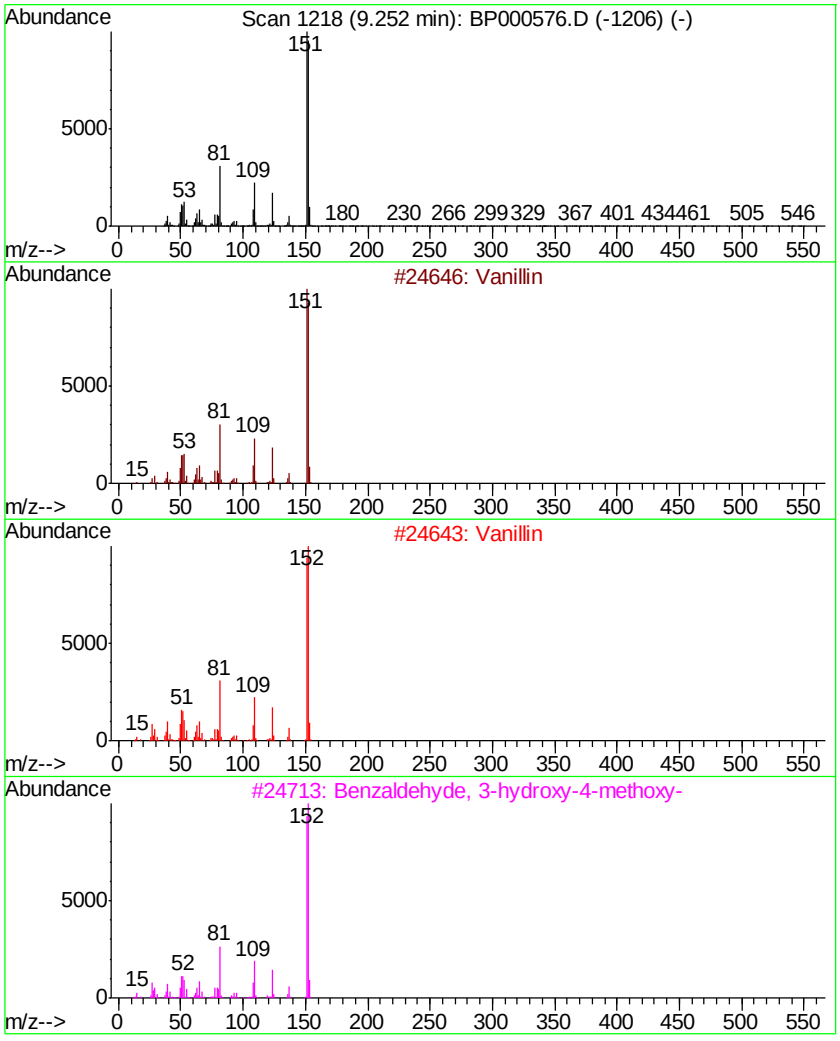
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

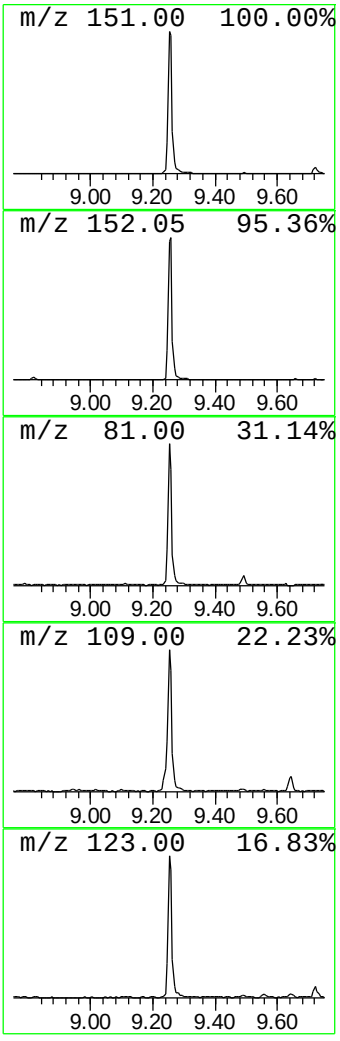
****

Peak Number 2 Vanillin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	2.66 ng/ul	292251	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Vanillin	152	C8H8O3	000121-33-5	96
3	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96
4	Vanillin	152	C8H8O3	000121-33-5	95
5	Vanillin	152	C8H8O3	000121-33-5	95





Library Search Compound Report

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Instrument : BNA_P
ClientSampleId : C0AB5

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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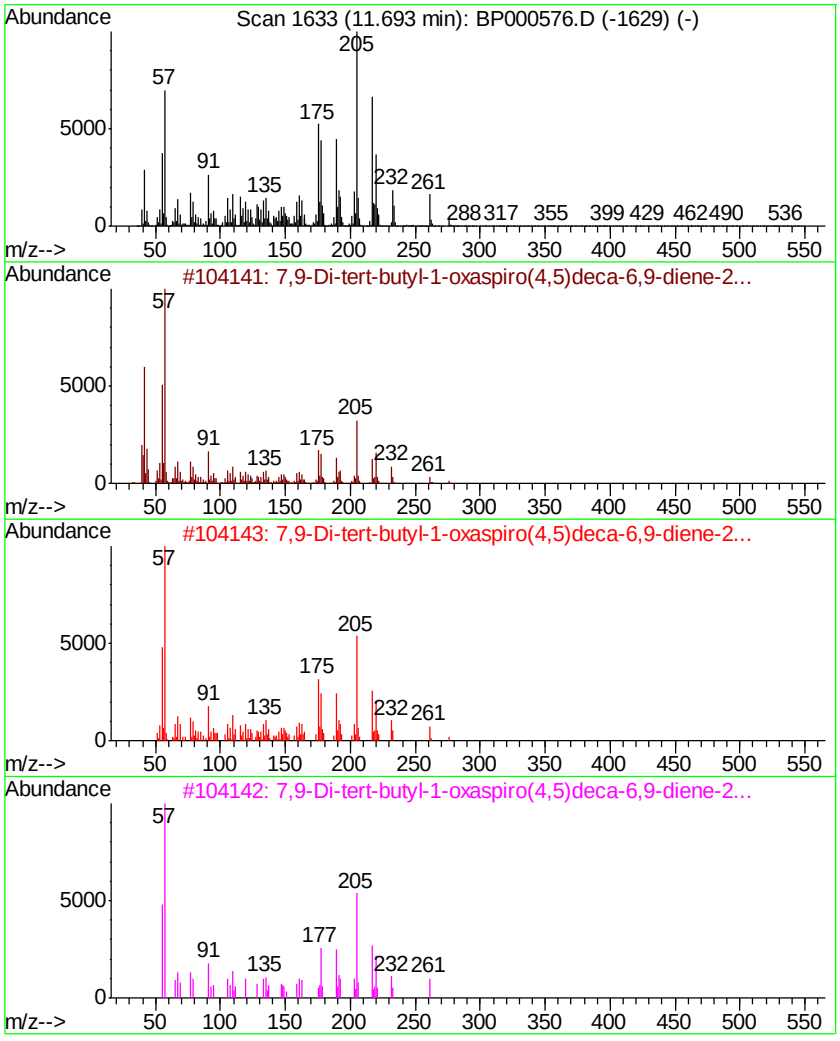
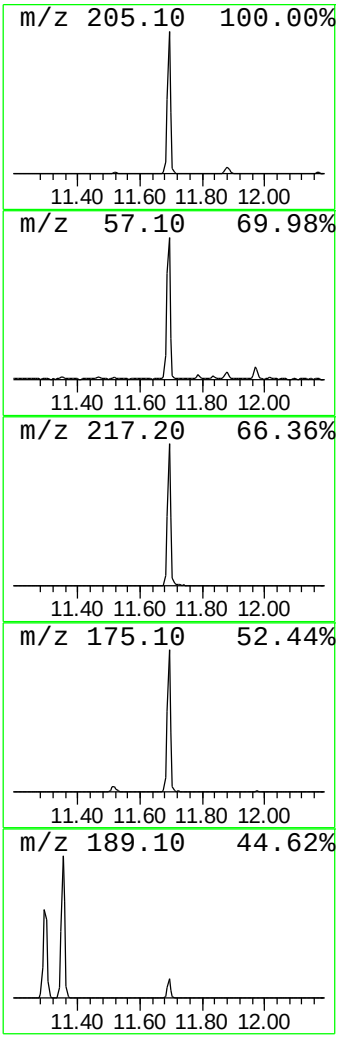
Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	7.13 ng/ul	843079	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	96
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	81
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	64
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	45





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Instrument : BNA_P
ClientSampleId : C0AB5

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

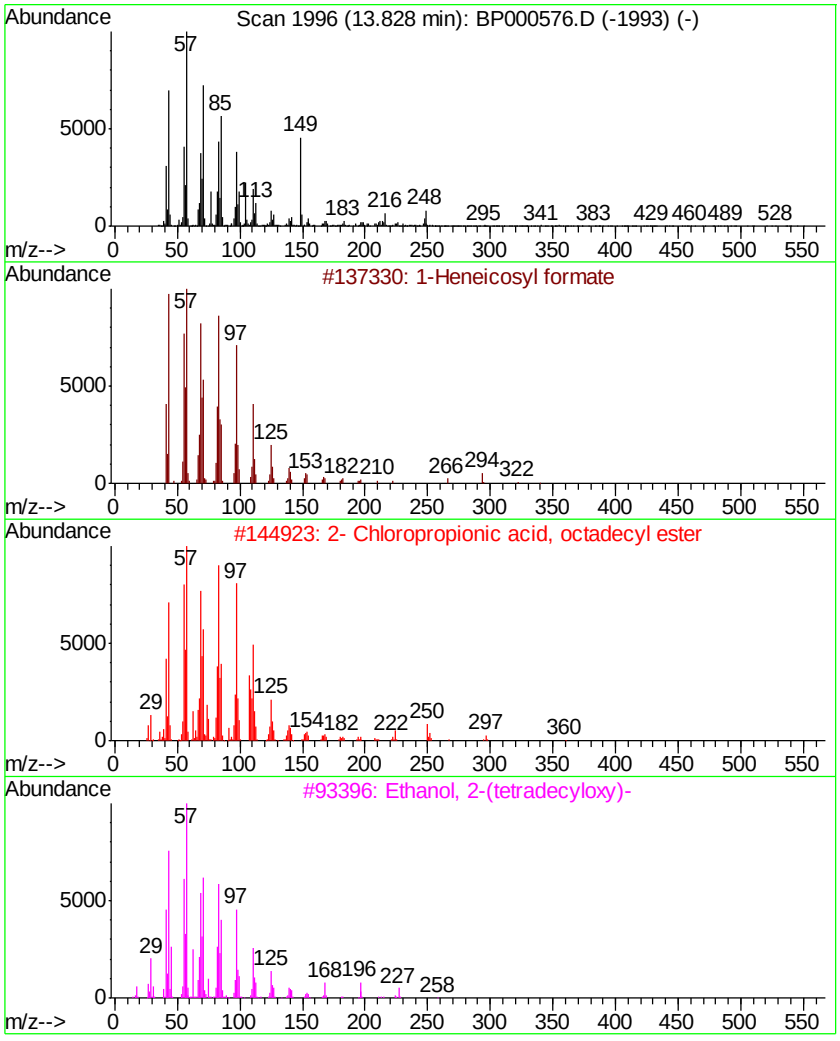
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

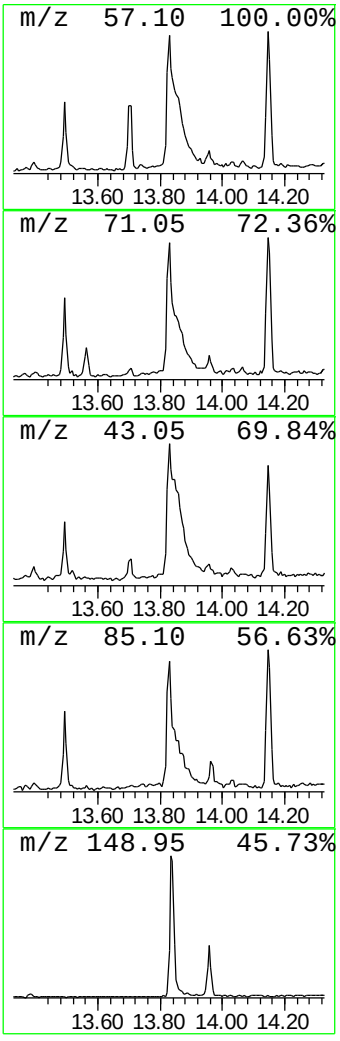
****

Peak Number 4 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	2.12 ng/ul	257423	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	96
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	53
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	42
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	38
5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100919\
Data File : BP000576.D
Acq On : 09 Oct 2019 18:17
Operator : JU
Sample : K5201-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AB5

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
1-Hexanol, 2-ethyl-	6.82	2.4	ng/ul	149610	1	6.75	1253760	20.0
Vanillin	9.25	2.7	ng/ul	292251	3	9.80	2193580	20.0
7,9-Di-tert-butyl...	11.69	7.1	ng/ul	843079	4	11.29	2364260	20.0
1-Heneicosyl formate	13.83	2.1	ng/ul	257423	5	13.97	2424720	20.0