LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100919\
Data File : BP000577.D
Acq On : 09 Oct 2019 18:41
Operator : JU
Sample : K5201-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AB6

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	43	47	58	rVB	41362	61213	1.63%	0.146%
2	3.764	281	285	291	rVB	8960	13784	0.37%	0.033%
3	4.381	386	390	395	rBV	11052	14564	0.39%	0.035%
4	4.605	423	428	434	rVB4	3659	9324	0.25%	0.022%
5	4.852	466	470	478	rBV2	3985	8321	0.22%	0.020%
6	4.952	484	487	493	rBV	9721	11816	0.31%	0.028%
7	5.293	540	545	548	rBV	6245	7129	0.19%	0.017%
8	5.616	593	600	607	rBV	30374	29422	0.78%	0.070%
9	6.064	670	676	681	rBV	7285	9664	0.26%	0.023%
10	6.299	713	716	720	rBV	40194	41469	1.10%	0.099%
11	6.334	720	722	728	rVB	7623	7299	0.19%	0.017%
12	6.387	728	731	736	rBV2	309697	302275	8.02%	0.721%
13	6.434	736	739	743	rVB	1079186	857274	22.76%	2.044%
14	6.522	751	754	761	rBV	1257156	963824	25.59%	2.299%
15	6.752	790	793	801	rBV	1602211	1239848	32.92%	2.957%
16	6.816	801	804	812	rBV	147760	138855	3.69%	0.331%
17	6.911	817	820	827	rVB8	7502	10453	0.28%	0.025%
18	7.069	844	847	855	rBV2	6515	8470	0.22%	0.020%
19	7.134	855	858	861	rBV	945416	729983	19.38%	1.741%
20	7.287	881	884	885	rBV	118239	89826	2.38%	0.214%
21	7.311	885	888	891	rVV	1367773	1038545	27.57%	2.477%
22	7.334	891	892	895	rVV	31770	23846	0.63%	0.057%
23	7.363	895	897	900	rVV3	7863	8159	0.22%	0.019%
24	7.399	900	903	906	rVB	19703	14343	0.38%	0.034%
25	7.528	920	925	928	rBV	15348	12508	0.33%	0.030%
26	7.634	940	943	947	rBV	953882	821107	21.80%	1.958%
27	7.781	966	968	971	rBV4	5200	6747	0.18%	0.016%
28	7.810	971	973	978	rVV5	6194	9554	0.25%	0.023%
29	7.881	982	985	994	rVV	1482589	1334233	35.42%	3.182%
30	7.946	994	996	999	rVV	28224	32042	0.85%	0.076%
31	7.999	1002	1005	1008	rVV	64945	68639	1.82%	0.164%
32	8.034	1008	1011	1015	rVV	2023517	1699570	45.12%	4.053%
33	8.099	1019	1022	1027	rVV	86088	81820	2.17%	0.195%
34	8.263	1047	1050	1052	rBV	17863	14333	0.38%	0.034%

LSC Area Percent Report

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Misc :
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Instrument : BNA_P
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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-BP100919MA.M
Title : SVOA CALIBRATION

35	8.287	1052	1054	1057	rVV	18720	20358	0.54%	0.049%
36	8.316	1057	1059	1066	rVB2	12390	13655	0.36%	0.033%
37	8.381	1066	1070	1078	rBV3	12054	22537	0.60%	0.054%
38	8.463	1081	1084	1093	rVB9	4330	7952	0.21%	0.019%
39	8.534	1093	1096	1102	rBV3	8460	9425	0.25%	0.022%
40	8.593	1102	1106	1118	rBV	265947	256372	6.81%	0.611%
41	8.722	1124	1128	1132	rVV	29087	25498	0.68%	0.061%
42	8.946	1164	1166	1171	rBV4	7373	9424	0.25%	0.022%
43	8.993	1171	1174	1179	rBV2	23241	38023	1.01%	0.091%
44	9.105	1190	1193	1200	rBV2	98935	87342	2.32%	0.208%
45	9.257	1206	1219	1230	rVB	261896	272674	7.24%	0.650%
46	9.434	1247	1249	1255	rBV2	14879	15546	0.41%	0.037%
47	9.493	1255	1259	1261	rVV	2592060	2026616	53.80%	4.833%
48	9.510	1261	1262	1267	rVB	294094	201197	5.34%	0.480%
49	9.557	1267	1270	1277	rVB2	12627	13212	0.35%	0.032%
50	9.646	1281	1285	1288	rBV	3014128	2549500	67.68%	6.080%
51	9.722	1295	1298	1300	rBV	7562	7678	0.20%	0.018%
52	9.799	1307	1311	1314	rBV	2870345	2178074	57.82%	5.194%
53	9.834	1314	1317	1321	rVB	55080	42354	1.12%	0.101%
54	9.910	1327	1330	1339	rVB	130942	140858	3.74%	0.336%
55	10.010	1344	1347	1352	rVB2	19763	19126	0.51%	0.046%
56	10.146	1365	1370	1379	rVV	60806	68869	1.83%	0.164%
57	10.216	1379	1382	1385	rVV2	31280	30569	0.81%	0.073%
58	10.322	1396	1400	1403	rBV	3858993	3093904	82.14%	7.379%
59	10.387	1408	1411	1419	rBV	629837	596822	15.84%	1.423%
60	10.452	1419	1422	1426	rVV	47033	50069	1.33%	0.119%
61	10.516	1430	1433	1437	rVB	21988	19572	0.52%	0.047%
62	10.599	1444	1447	1451	rVB	21720	16471	0.44%	0.039%
63	10.746	1470	1472	1475	rVB2	14568	13466	0.36%	0.032%
64	11.069	1524	1527	1531	rBV	21520	18384	0.49%	0.044%
65	11.110	1531	1534	1538	rVB2	8263	8468	0.22%	0.020%
66	11.175	1541	1545	1549	rVB	11159	13213	0.35%	0.032%
67	11.293	1562	1565	1569	rVV	2535467	2342118	62.18%	5.586%
68	11.351	1571	1575	1579	rBV	4090625	3349581	88.92%	7.988%
69	11.410	1583	1585	1593	rVB6	13728	13175	0.35%	0.031%
70	11.469	1593	1595	1600	rVB	9000	7781	0.21%	0.019%
71	11.516	1600	1603	1609	rVB4	9371	10251	0.27%	0.024%

LSC Area Percent Report

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Sample : K5201-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AB6

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	918383	678048	18.00%	1.617%
73	11.787	1647	1649	1652	rVB	9439	8435	0.22%	0.020%
74	11.834	1654	1657	1661	rBV2	18126	21544	0.57%	0.051%
75	11.881	1661	1665	1674	rVB2	25836	35556	0.94%	0.085%
76	11.975	1677	1681	1684	rBV	32734	28566	0.76%	0.068%
77	12.504	1767	1771	1776	rBV	37775	37438	0.99%	0.089%
78	12.657	1794	1797	1801	rVB	32978	30693	0.81%	0.073%
79	12.734	1806	1810	1814	rVV	4135676	3766756	100.00%	8.983%
80	12.787	1816	1819	1821	rVV	11667	14582	0.39%	0.035%
81	12.804	1821	1822	1827	rVB2	9534	8464	0.22%	0.020%
82	13.146	1877	1880	1883	rBV3	17156	17750	0.47%	0.042%
83	13.493	1936	1939	1942	rBV	25076	21040	0.56%	0.050%
84	13.704	1971	1975	1979	rBV	27636	24597	0.65%	0.059%
85	13.769	1982	1986	1989	rBV	7785	8816	0.23%	0.021%
86	13.804	1989	1992	1993	rBV	12780	11320	0.30%	0.027%
87	13.834	1993	1997	2014	rVB3	130623	312780	8.30%	0.746%
88	13.969	2016	2020	2023	rBV	2702137	2414701	64.11%	5.759%
89	14.145	2047	2050	2055	rBV	53799	52658	1.40%	0.126%
90	14.457	2100	2103	2107	rBV	78522	69796	1.85%	0.166%
91	14.740	2148	2151	2153	rBV	53591	57150	1.52%	0.136%
92	14.769	2153	2156	2161	rVB	101810	113035	3.00%	0.270%
93	14.969	2187	2190	2194	rVB	40016	40794	1.08%	0.097%
94	15.104	2209	2213	2221	rBV	116940	145809	3.87%	0.348%
95	15.351	2249	2255	2264	rBV	3106840	3606607	95.75%	8.601%
96	15.445	2265	2271	2275	rVV	2054494	2503504	66.46%	5.970%
97	15.487	2275	2278	2287	rVB	124376	179783	4.77%	0.429%
98	15.928	2348	2353	2362	rBV	101683	162226	4.31%	0.387%
99	16.439	2434	2440	2451	rVB	73665	140454	3.73%	0.335%
100	17.034	2536	2541	2550	rVB2	41504	88029	2.34%	0.210%

Sum of corrected areas: 41931324

LSC Report - Integrated Chromatogram

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Data File : BP000577.D
Acq On : 09 Oct 2019 18:41
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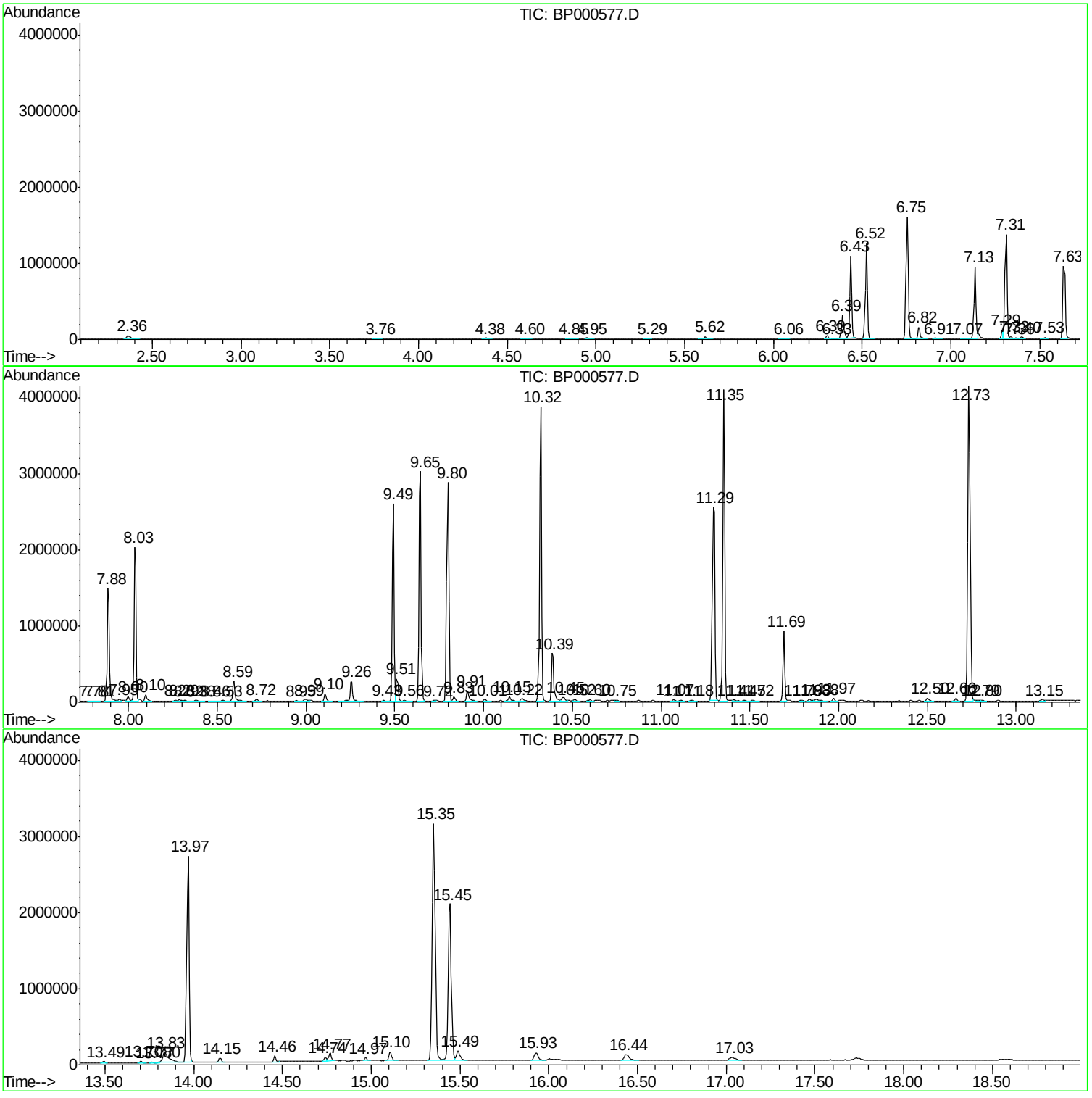
Sample : K5201-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AB6

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\
Data File : BP000577.D
Acq On : 09 Oct 2019 18:41
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AB6

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

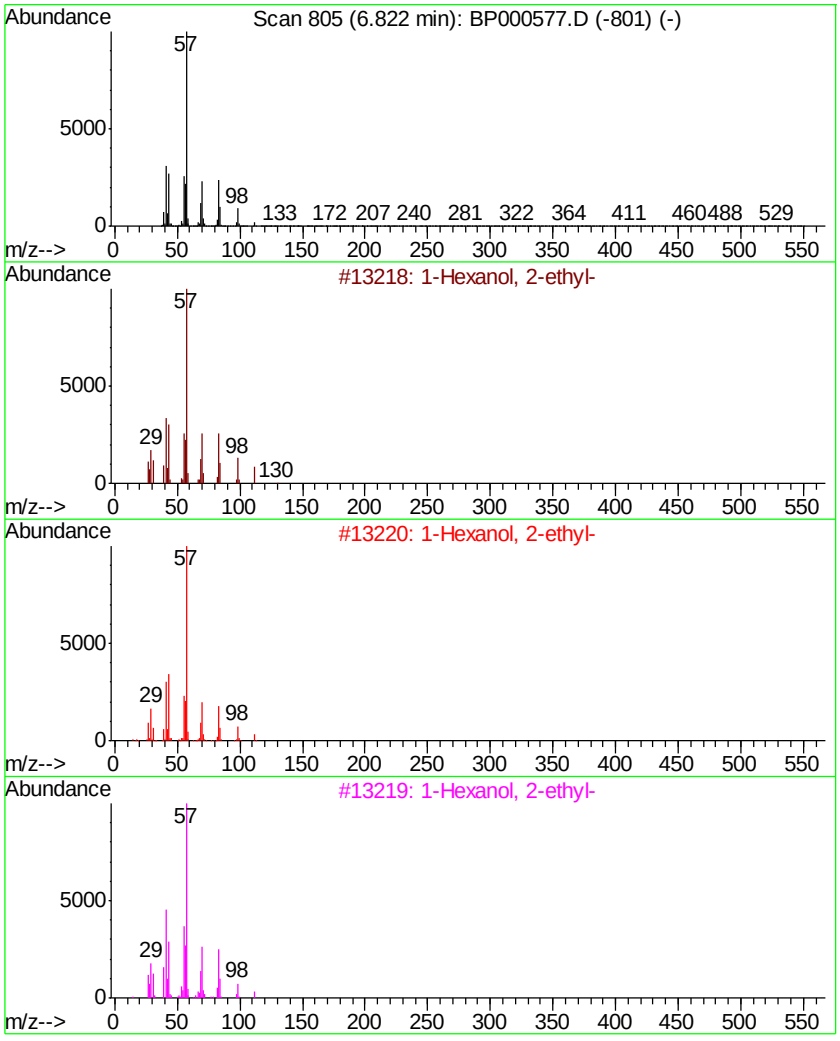
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

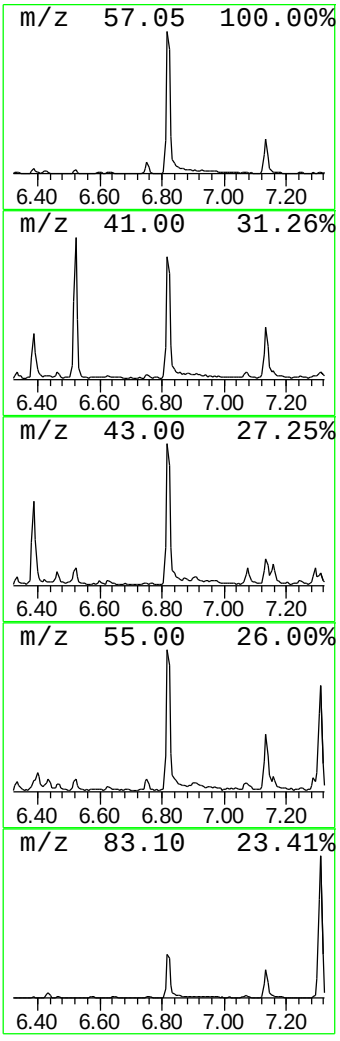
****

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	2.24 ng/ul	138855	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	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	53





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AB6

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

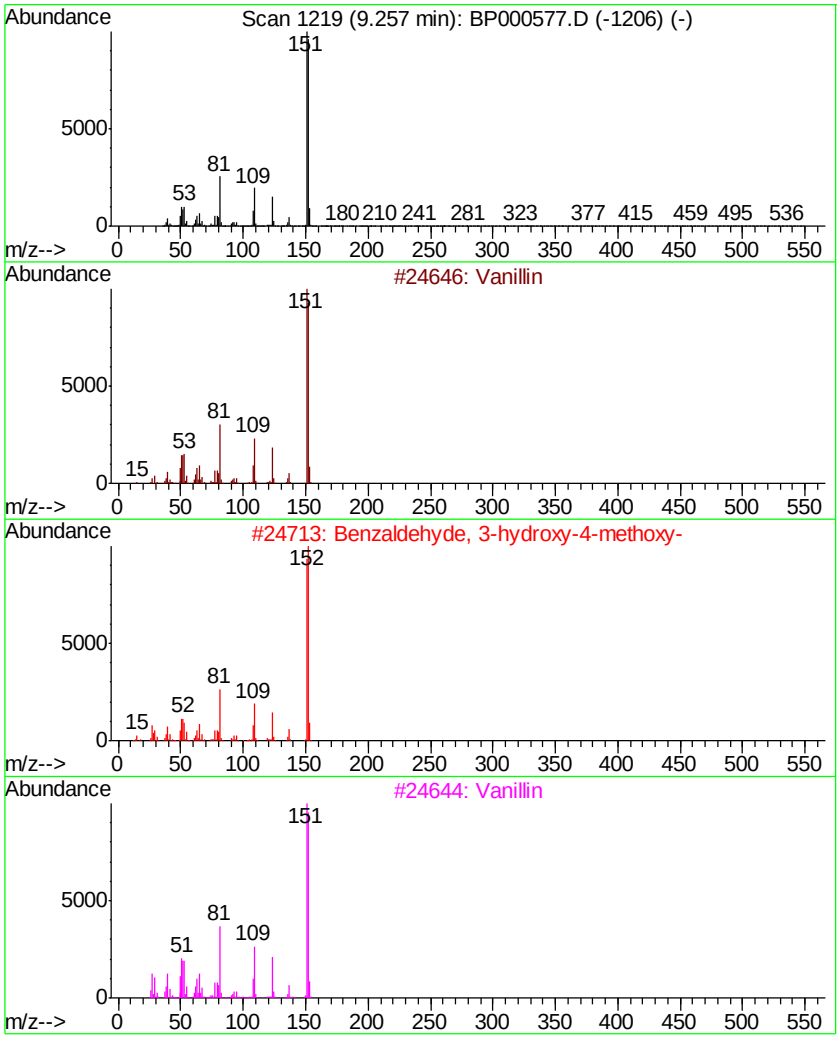
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

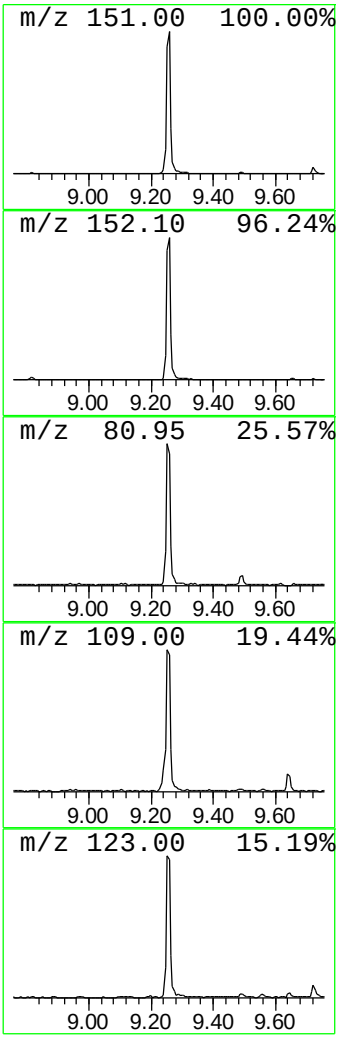
****

Peak Number 2 Vanillin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	2.50 ng/ul	272674	Acenaphthene-d10	9.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	97
3	Vanillin	152	C8H8O3	000121-33-5	95
4	Vanillin	152	C8H8O3	000121-33-5	95
5	Vanillin	152	C8H8O3	000121-33-5	94





Library Search Compound Report

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ClientSampleId : C0AB6

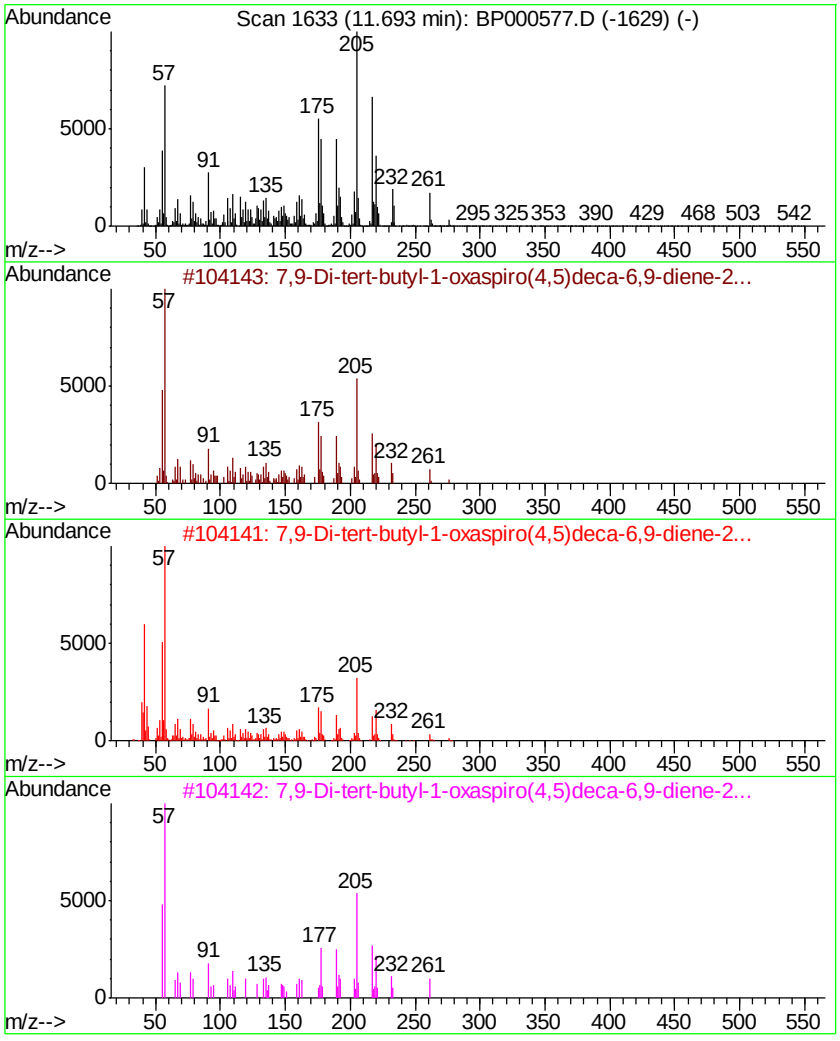
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

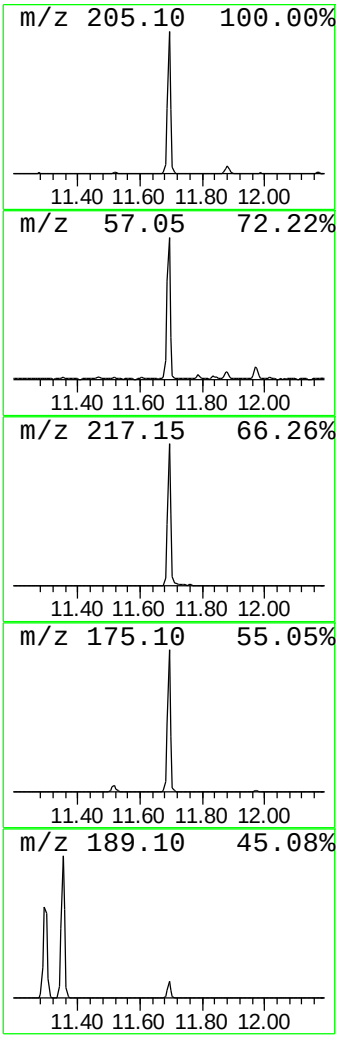
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	5.79 ng/ul	678048	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	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
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 : C0AB6

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

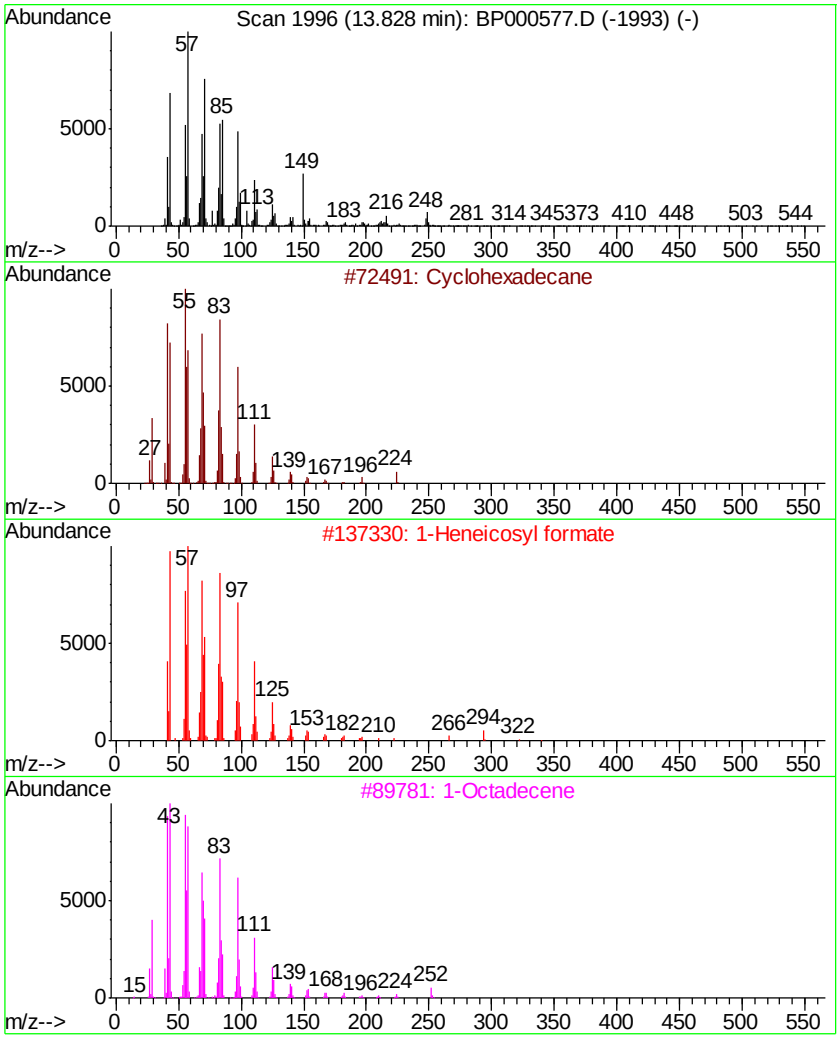
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

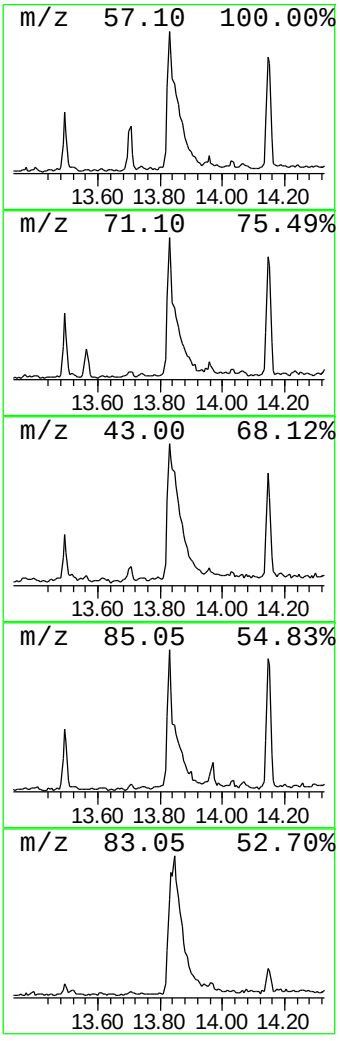
****

Peak Number 4 (DEL) Alkane: Cyclic13.83 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	2.59 ng/ul	312780	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
3	1-Octadecene	252	C18H36	000112-88-9	84
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	62
5	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100919\
Data File : BP000577.D
Acq On : 09 Oct 2019 18:41
Operator : JU
Sample : K5201-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AB6

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	2.2	ng/ul	138855	1	6.75	1239850	20.0
Vanillin	9.26	2.5	ng/ul	272674	3	9.80	2178070	20.0
7,9-Di-tert-butyl...	11.69	5.8	ng/ul	678048	4	11.29	2342120	20.0
(DEL) Alkane: Cyc...	13.83	2.6	ng/ul	312780	5	13.97	2414700	20.0