LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002263.D
Acq On : 12 May 2020 23:08
Operator : CG/JU
Sample : L2568-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B98

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-BP051220MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP002265.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.917	3	5	16	rVB	842572	893623	7.79%	0.951%
2	3.158	42	46	58	rVB	93669	126988	1.11%	0.135%
3	3.881	164	169	177	rBV	310019	396730	3.46%	0.422%
4	6.134	546	552	561	rVB	27328	50505	0.44%	0.054%
5	6.793	658	664	673	rVV	372247	606897	5.29%	0.646%
6	6.958	685	692	699	rBV	1254709	1947178	16.97%	2.072%
7	7.022	699	703	712	rVB2	31240	62555	0.55%	0.067%
8	7.152	718	725	734	rVV	1331457	2079838	18.13%	2.213%
9	7.228	734	738	743	rVV2	45715	73865	0.64%	0.079%
10	7.375	753	763	771	rVV	252574	572375	4.99%	0.609%
11	7.528	787	789	795	rVV	29617	43491	0.38%	0.046%
12	7.610	795	803	811	rVV2	1173072	2348073	20.47%	2.499%
13	7.693	813	817	821	rVV	46082	75281	0.66%	0.080%
14	7.734	821	824	833	rVB	31011	51337	0.45%	0.055%
15	7.987	861	867	873	rVB	115327	174606	1.52%	0.186%
16	8.263	905	914	918	rBV4	39181	64288	0.56%	0.068%
17	8.322	918	924	932	rVB	962722	1544529	13.46%	1.644%
18	8.752	985	997	1003	rBV	1381107	2367215	20.63%	2.519%
19	8.963	1027	1033	1040	rVB2	56118	112161	0.98%	0.119%
20	9.063	1040	1050	1059	rBV2	55717	125797	1.10%	0.134%
21	9.257	1076	1083	1087	rVV5	20052	50413	0.44%	0.054%
22	9.299	1087	1090	1099	rVB6	15937	41944	0.37%	0.045%
23	9.416	1104	1110	1114	rBV2	44107	71681	0.62%	0.076%
24	9.475	1114	1120	1129	rVB	1129788	1826636	15.92%	1.944%
25	9.604	1136	1142	1146	rBV	50149	80299	0.70%	0.085%
26	9.652	1146	1150	1154	rVV2	51794	78517	0.68%	0.084%
27	9.693	1154	1157	1161	rVB	34216	46650	0.41%	0.050%
28	9.804	1170	1176	1184	rVB3	71774	134478	1.17%	0.143%
29	10.010	1198	1211	1219	rBV	1682796	2781176	24.24%	2.960%
30	10.075	1220	1222	1234	rVB4	26184	68185	0.59%	0.073%
31	10.181	1234	1240	1247	rVB7	24068	49113	0.43%	0.052%
32	10.387	1267	1275	1281	rBV	1603285	2613265	22.78%	2.781%
33	10.446	1281	1285	1292	rVV5	92377	232127	2.02%	0.247%
34	10.516	1292	1297	1300	rVV2	123688	215050	1.87%	0.229%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002263.D
Acq On : 12 May 2020 23:08
Operator : CG/JU
Sample : L2568-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B98

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-BP051220MA.M
Title : SVOA CALIBRATION

35	10.551	1300	1303	1314	rVB	111015	196490	1.71%	0.209%
36	10.863	1351	1356	1360	rBV3	26008	45725	0.40%	0.049%
37	10.969	1366	1374	1379	rBV4	57690	121776	1.06%	0.130%
38	11.228	1411	1418	1425	rVV7	22185	62289	0.54%	0.066%
39	11.293	1425	1429	1437	rVB7	25376	50029	0.44%	0.053%
40	11.493	1456	1463	1471	rVB	83225	170058	1.48%	0.181%
41	11.751	1496	1507	1511	rVV2	41567	109149	0.95%	0.116%
42	11.787	1511	1513	1518	rVB3	33189	43854	0.38%	0.047%
43	11.887	1524	1530	1535	rBV5	20843	45085	0.39%	0.048%
44	11.946	1535	1540	1545	rBV	152820	239586	2.09%	0.255%
45	12.275	1588	1596	1602	rVV3	87675	163698	1.43%	0.174%
46	12.428	1617	1622	1631	rVB3	66539	123686	1.08%	0.132%
47	12.675	1654	1664	1671	rBV	306546	538215	4.69%	0.573%
48	12.745	1671	1676	1685	rVB2	77712	139647	1.22%	0.149%
49	12.957	1706	1712	1720	rBV	578384	851971	7.43%	0.907%
50	13.087	1729	1734	1742	rVB	190286	276980	2.41%	0.295%
51	13.181	1744	1750	1759	rVV2	164338	313039	2.73%	0.333%
52	13.269	1759	1765	1769	rVV	415789	633841	5.52%	0.675%
53	13.304	1769	1771	1778	rVB2	57277	88074	0.77%	0.094%
54	13.375	1778	1783	1787	rBV2	52130	74740	0.65%	0.080%
55	13.581	1815	1818	1823	rVB4	31236	50009	0.44%	0.053%
56	13.675	1828	1834	1838	rVV	2319632	3336129	29.08%	3.550%
57	13.716	1838	1841	1846	rVV	251154	357375	3.11%	0.380%
58	13.763	1846	1849	1853	rVB	90745	113510	0.99%	0.121%
59	13.945	1873	1880	1890	rBV	3021552	4655928	40.58%	4.955%
60	14.075	1897	1902	1906	rBV8	25966	48925	0.43%	0.052%
61	14.216	1922	1926	1927	rBV2	38883	47002	0.41%	0.050%
62	14.257	1927	1933	1941	rVB	2305933	3494722	30.46%	3.719%
63	14.351	1946	1949	1954	rVV2	37221	59850	0.52%	0.064%
64	14.457	1958	1967	1979	rVB3	189710	414399	3.61%	0.441%
65	14.657	1997	2001	2008	rVB	80435	130837	1.14%	0.139%
66	14.804	2019	2026	2030	rBV	216519	316914	2.76%	0.337%
67	14.845	2030	2033	2035	rVV	76310	105963	0.92%	0.113%
68	14.887	2035	2040	2051	rVB	448695	689947	6.01%	0.734%
69	15.010	2056	2061	2065	rBV2	66973	109066	0.95%	0.116%
70	15.257	2096	2103	2108	rBV	3393654	5041719	43.94%	5.365%
71	15.310	2108	2112	2118	rVV2	245062	402045	3.50%	0.428%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002263.D
Acq On : 12 May 2020 23:08
Operator : CG/JU
Sample : L2568-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B98

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-BP051220MA.M
Title : SVOA CALIBRATION

72	15.392	2118	2126	2134	rVV	2926890	5242903	45.70%	5.579%
73	15.469	2136	2139	2146	rVB2	70015	112798	0.98%	0.120%
74	15.610	2159	2163	2167	rBV	74583	102195	0.89%	0.109%
75	15.698	2174	2178	2181	rBV	58638	90886	0.79%	0.097%
76	15.845	2200	2203	2206	rBV	38298	40613	0.35%	0.043%
77	16.198	2259	2263	2268	rBV7	27529	49364	0.43%	0.053%
78	16.298	2274	2280	2287	rBV	96526	222250	1.94%	0.237%
79	16.369	2288	2292	2296	rVV	112010	172032	1.50%	0.183%
80	16.404	2296	2298	2305	rVV5	41280	95288	0.83%	0.101%
81	16.469	2306	2309	2315	rVB	59456	79424	0.69%	0.085%
82	16.586	2326	2329	2334	rVB3	66709	79229	0.69%	0.084%
83	16.669	2336	2343	2359	rVV	7415808	11473156	100.00%	12.210%
84	16.786	2359	2363	2367	rVV7	70975	133699	1.17%	0.142%
85	16.828	2367	2370	2376	rVB	53480	78449	0.68%	0.083%
86	17.010	2395	2401	2409	rVV	2499300	3518339	30.67%	3.744%
87	17.110	2412	2418	2428	rBV	3329792	4797837	41.82%	5.106%
88	17.210	2431	2435	2447	rVB6	68250	153722	1.34%	0.164%
89	17.381	2462	2464	2468	rVB2	36588	47581	0.41%	0.051%
90	17.939	2555	2559	2566	rBV	262668	373304	3.25%	0.397%
91	17.998	2566	2569	2574	rVB2	44187	67161	0.59%	0.071%
92	18.998	2737	2739	2743	rVB	41317	44245	0.39%	0.047%
93	19.180	2767	2770	2774	rBV	116872	134168	1.17%	0.143%
94	19.357	2794	2800	2807	rBV	4001092	5448362	47.49%	5.798%
95	20.857	3051	3055	3061	rBV	365343	503256	4.39%	0.536%
96	21.104	3092	3097	3108	rVB	3430967	4160123	36.26%	4.427%
97	22.698	3365	3368	3376	rVB2	80786	113283	0.99%	0.121%
98	23.168	3440	3448	3459	rBV	3233648	6029608	52.55%	6.417%
99	23.304	3461	3471	3483	rVB	2504010	4763405	41.52%	5.069%
100	23.915	3572	3575	3581	rVB2	102262	171662	1.50%	0.183%

Sum of corrected areas: 93967480

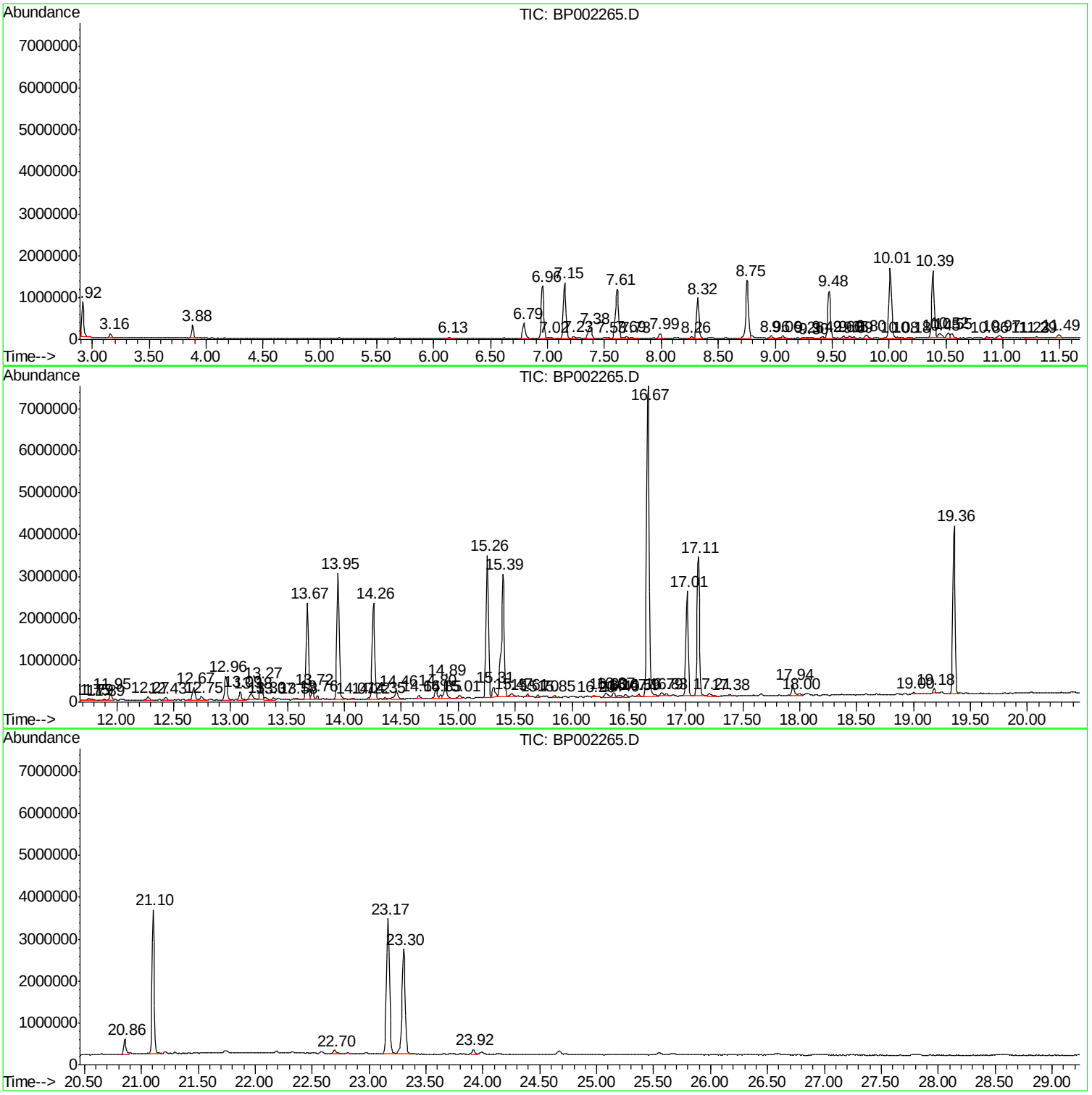
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002263.D
Acq On : 12 May 2020 23:08
Operator : CG/JU
Sample : L2568-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002263.D
Acq On : 12 May 2020 23:08
Operator : CG/JU
Sample : L2568-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION

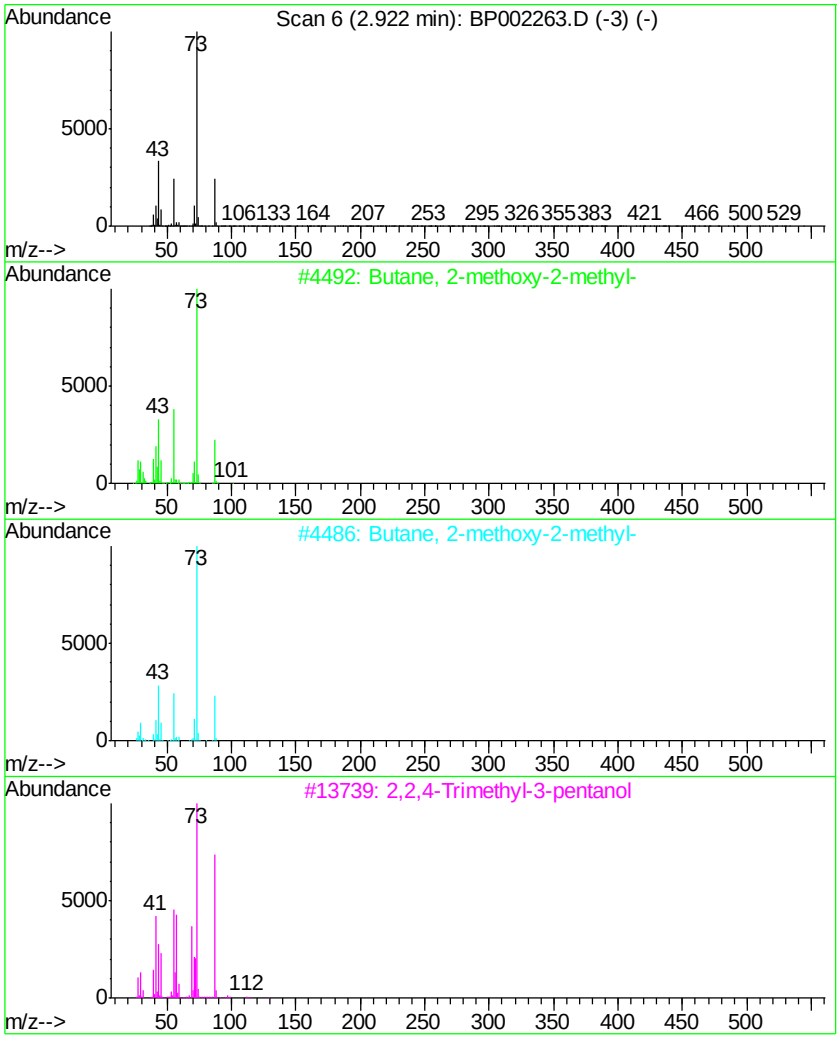
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

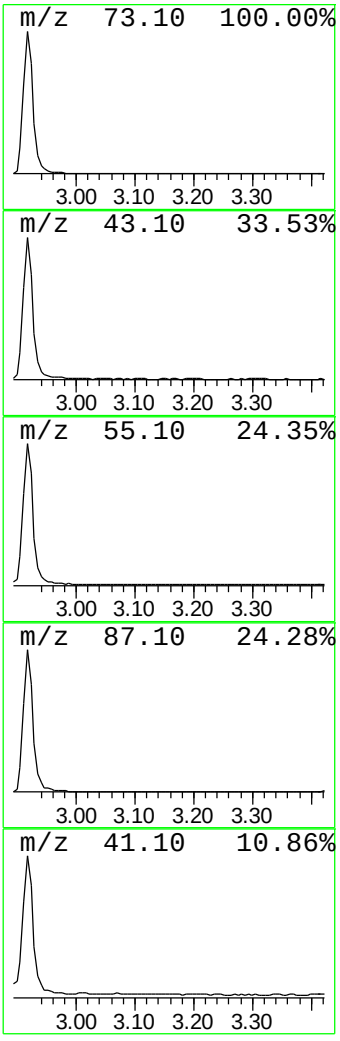
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	7.61 ng/ul	893623	1,4-Dichlorobenzene-d4	7.62

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	53
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002263.D
Acq On : 12 May 2020 23:08
Operator : CG/JU
Sample : L2568-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION

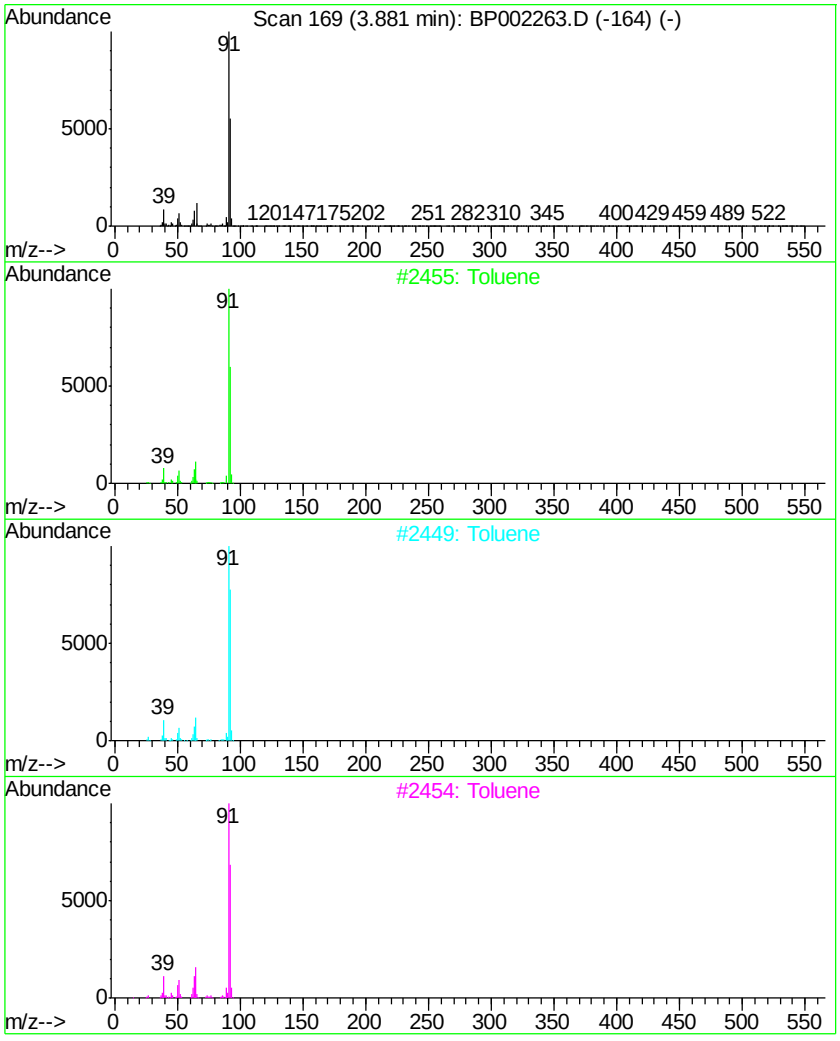
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

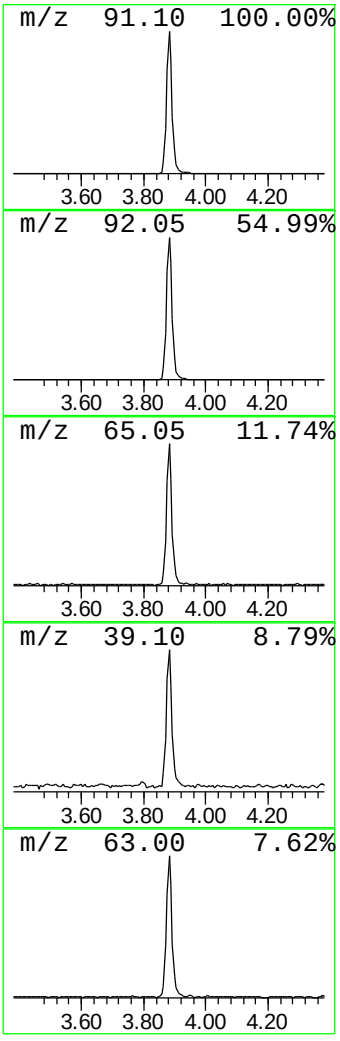
****

Peak Number 2 Toluene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.88	3.38 ng/ul	396730	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	94
3	Toluene	92	C7H8	000108-88-3	93
4	Toluene	92	C7H8	000108-88-3	87
5	Toluene	92	C7H8	000108-88-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002263.D
Acq On : 12 May 2020 23:08
Operator : CG/JU
Sample : L2568-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION

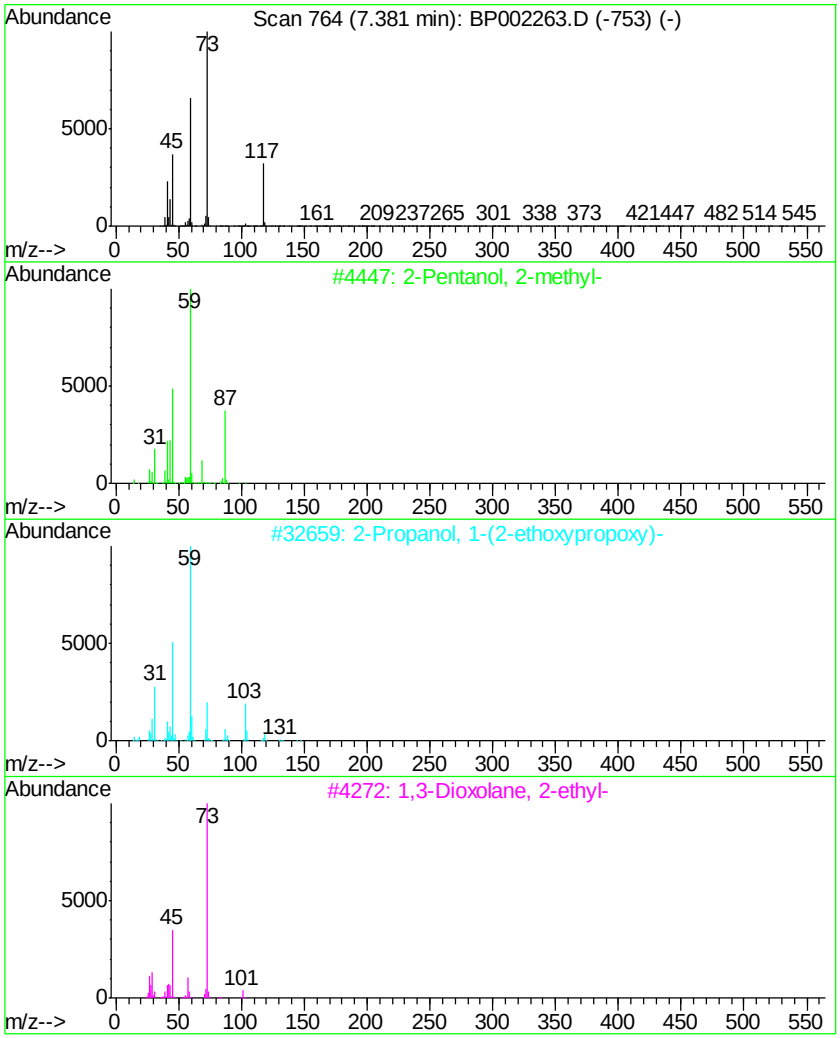
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

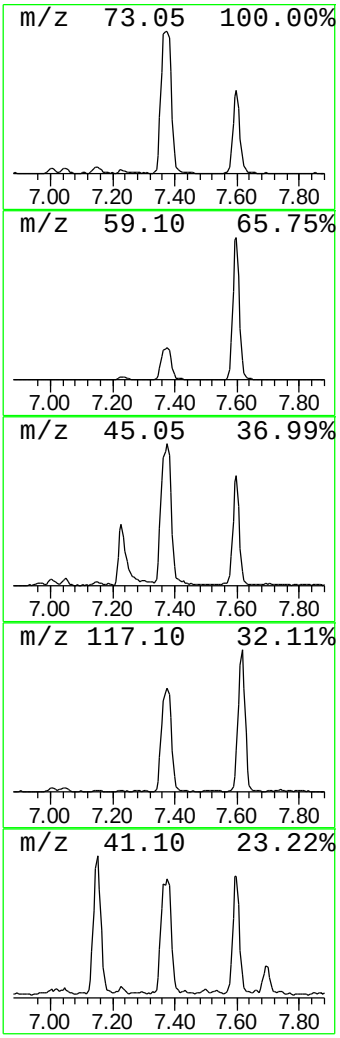
****

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.38	4.88 ng/ul	572375	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	38
2	2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	33
3	1,3-Dioxolane, 2-ethyl-	102	C5H10O2	002568-96-9	32
4	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	32
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	32





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002263.D
Acq On : 12 May 2020 23:08
Operator : CG/JU
Sample : L2568-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION

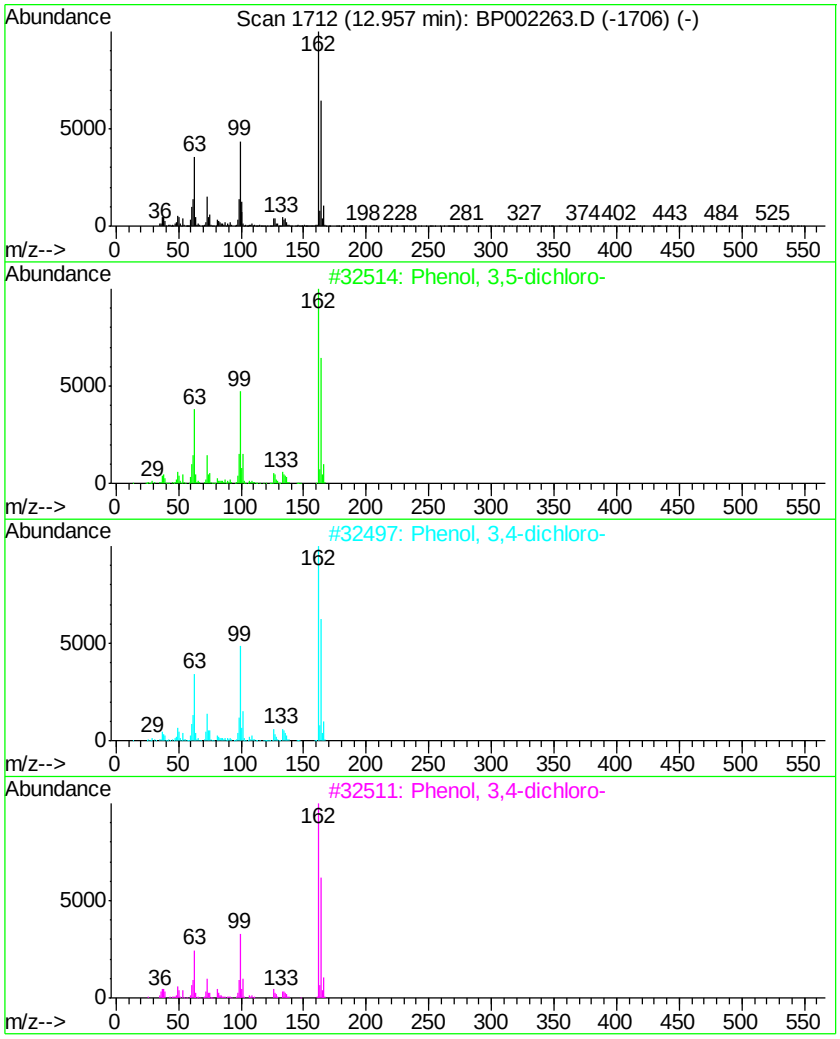
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

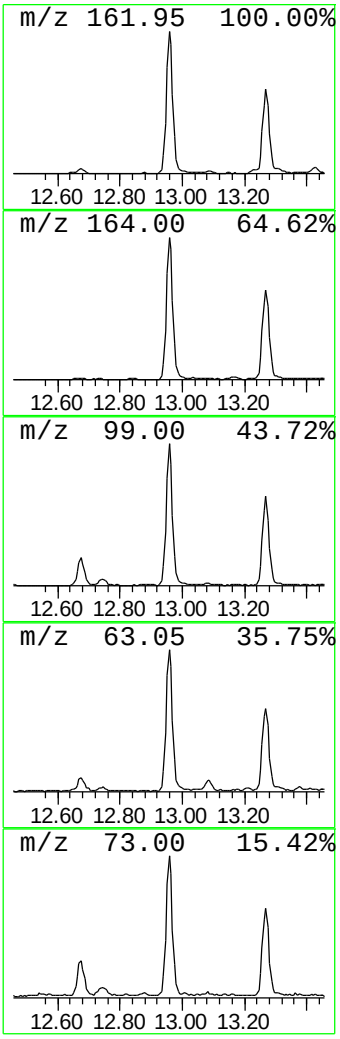
****

Peak Number 4 Phenol, 3,5-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	4.88 ng/ul	851971	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	98
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	96
3	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	96
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	96
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002263.D
Acq On : 12 May 2020 23:08
Operator : CG/JU
Sample : L2568-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION

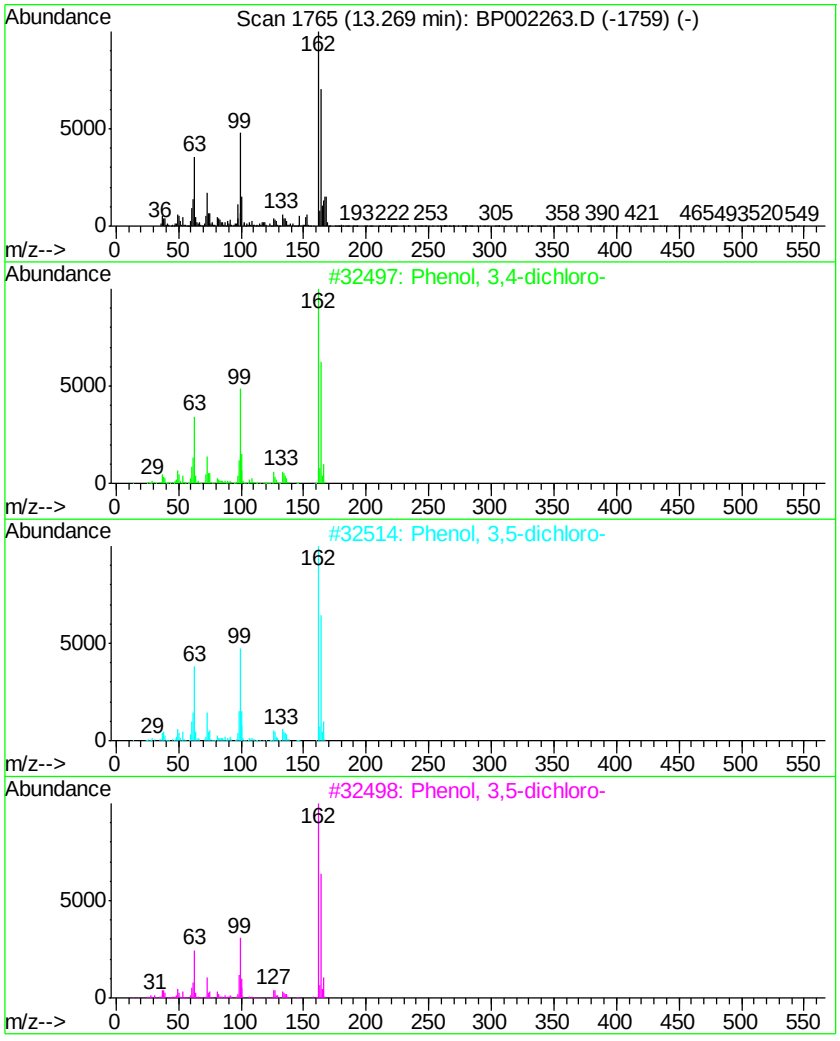
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

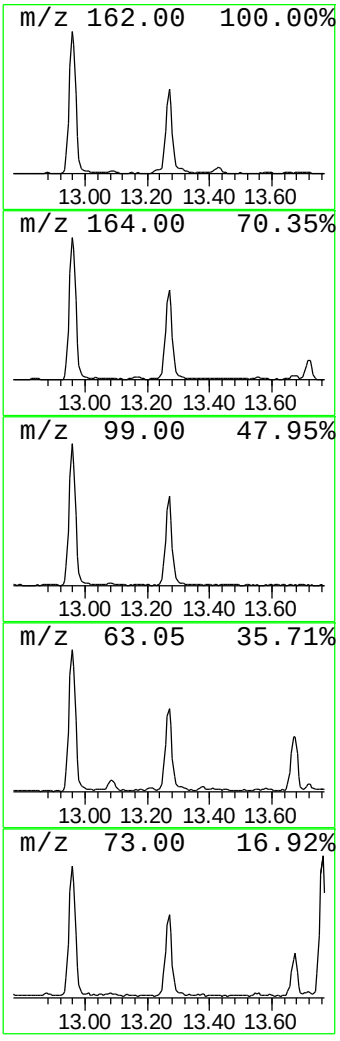
****

Peak Number 5 Phenol, 3,4-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	3.63 ng/ul	633841	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	96
2	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	96
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	92
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	90
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	90





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Data File : BP002263.D
Acq On : 12 May 2020 23:08
Operator : CG/JU
Sample : L2568-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B98

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Quant Title : SVOA CALIBRATION

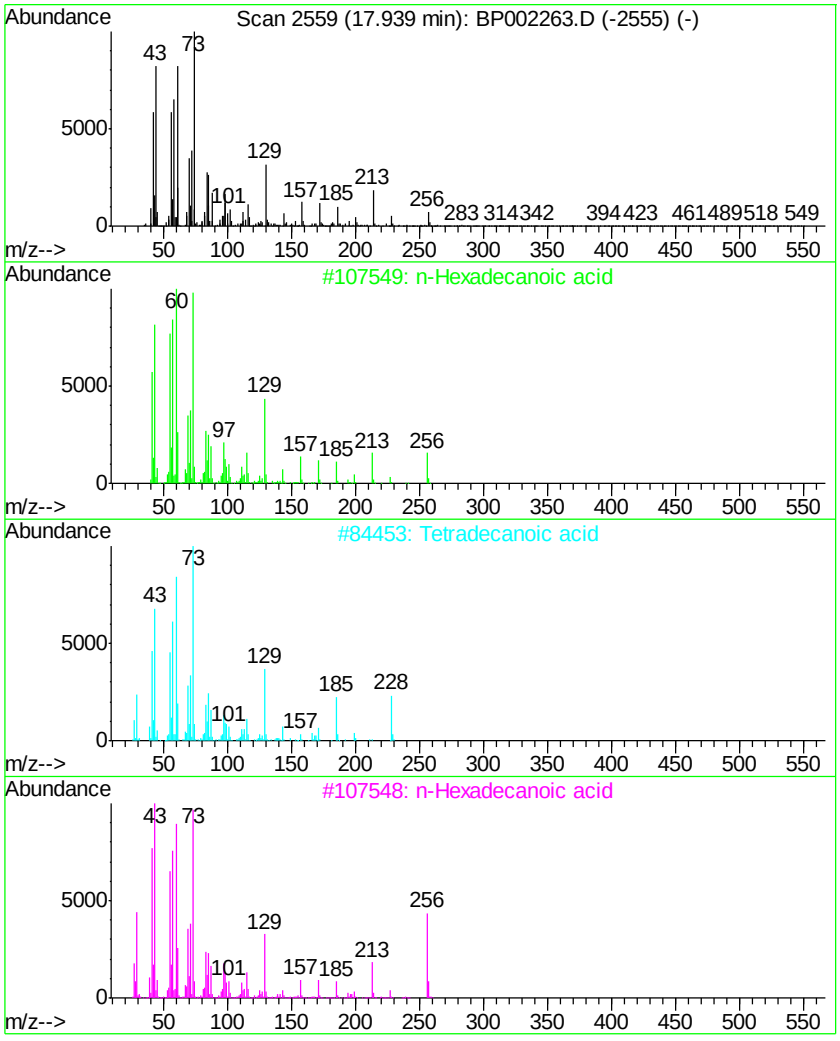
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

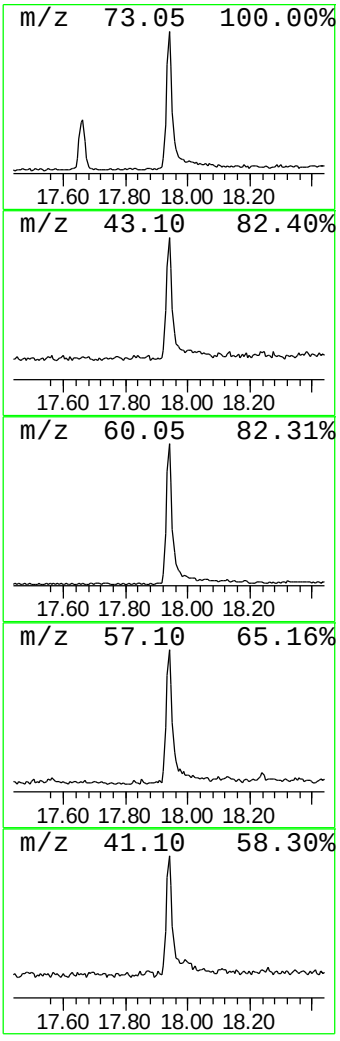
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.12 ng/ul	373304	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002263.D
Acq On : 12 May 2020 23:08
Operator : CG/JU
Sample : L2568-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION

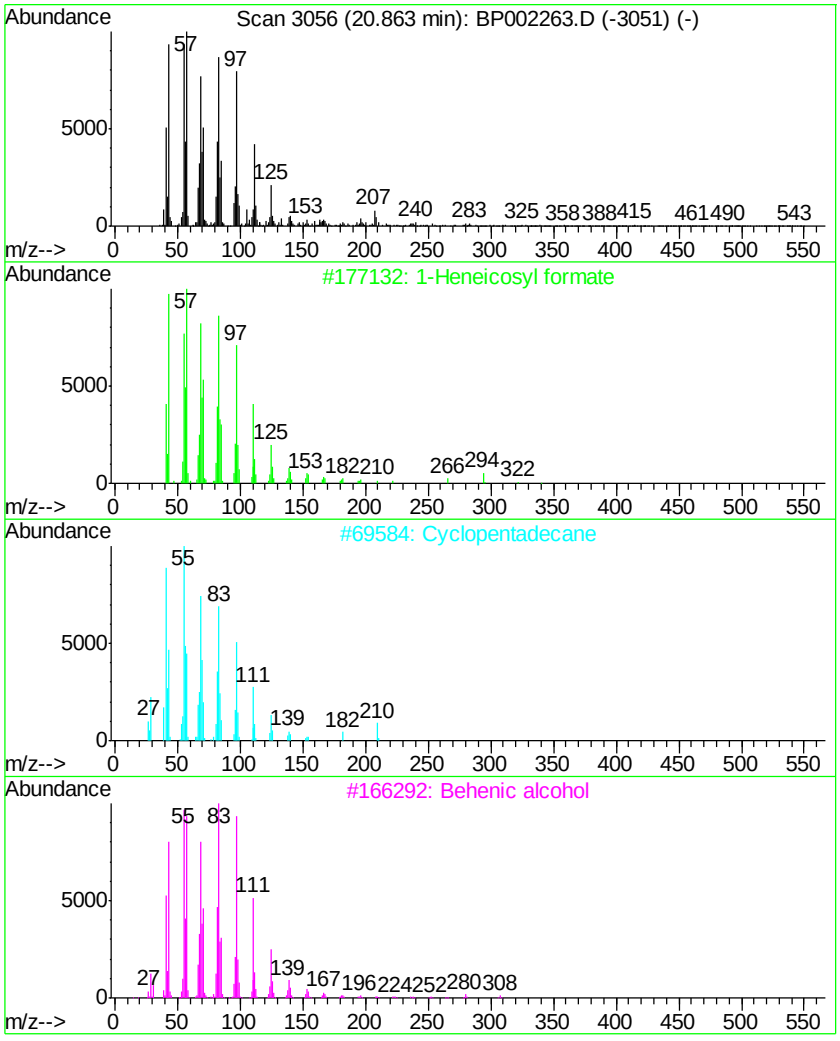
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

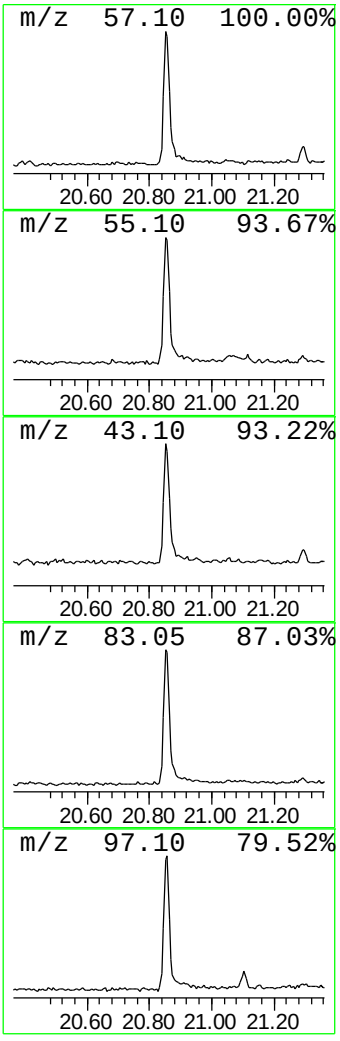
****

Peak Number 7 1-Heneicosyl formate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.42 ng/ul	503256	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	Cyclopentadecane	210	C15H30	000295-48-7	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heptacosanol	396	C27H56O	002004-39-9	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002263.D
Acq On : 12 May 2020 23:08
Operator : CG/JU
Sample : L2568-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B98

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP051220MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.92	7.6	ng/ul	893623	1	7.62	2348070	20.0
Toluene	3.88	3.4	ng/ul	396730	1	7.62	2348070	20.0
unknown-01	7.38	4.9	ng/ul	572375	1	7.62	2348070	20.0
Phenol, 3,5-dichl...	12.96	4.9	ng/ul	851971	3	14.26	3494720	20.0
Phenol, 3,4-dichl...	13.27	3.6	ng/ul	633841	3	14.26	3494720	20.0
n-Hexadecanoic acid	17.94	2.1	ng/ul	373304	4	17.01	3518340	20.0
1-Heneicosyl formate	20.86	2.4	ng/ul	503256	5	21.10	4160120	20.0