LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002275.D
Acq On : 13 May 2020 06:04
Operator : CG/JU
Sample : L2568-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5CA0

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: BP002277.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.916	3	5	18	rVB	774466	875626	3.86%	0.739%
2	3.158	43	46	55	rVB	109171	144036	0.64%	0.122%
3	3.881	164	169	184	rVB	918904	1210602	5.34%	1.022%
4	6.793	658	664	679	rVB	450646	748565	3.30%	0.632%
5	6.957	685	692	701	rBV	1384502	2156148	9.52%	1.820%
6	7.152	718	725	734	rBV	1462659	2289766	10.11%	1.932%
7	7.228	734	738	743	rVV	53874	91288	0.40%	0.077%
8	7.616	796	804	813	rBV	1436471	2309745	10.20%	1.949%
9	7.693	813	817	822	rVV	168734	245324	1.08%	0.207%
10	7.987	854	867	873	rVB3	44069	113952	0.50%	0.096%
11	8.263	907	914	918	rBV2	46531	73054	0.32%	0.062%
12	8.322	918	924	931	rVB	1215256	1936755	8.55%	1.635%
13	8.422	937	941	944	rBV	21551	38671	0.17%	0.033%
14	8.751	986	997	1009	rBV	1610212	2801688	12.37%	2.364%
15	8.899	1017	1022	1027	rBV2	39944	62009	0.27%	0.052%
16	8.963	1027	1033	1038	rVB3	28803	55190	0.24%	0.047%
17	9.063	1045	1050	1060	rVB3	36777	76935	0.34%	0.065%
18	9.257	1078	1083	1088	rBV3	23374	42672	0.19%	0.036%
19	9.475	1113	1120	1131	rVB	1298250	2176778	9.61%	1.837%
20	9.651	1146	1150	1154	rVV2	25301	39612	0.17%	0.033%
21	9.804	1170	1176	1184	rBV7	19273	41456	0.18%	0.035%
22	10.010	1201	1211	1221	rVV	2091412	3419120	15.09%	2.886%
23	10.187	1234	1241	1246	rBV3	22735	45361	0.20%	0.038%
24	10.387	1267	1275	1280	rBV	2075864	3433591	15.16%	2.898%
25	10.434	1280	1283	1291	rVV	105225	200151	0.88%	0.169%
26	10.516	1291	1297	1300	rVV	117165	223958	0.99%	0.189%
27	10.557	1300	1304	1315	rVB2	215362	413737	1.83%	0.349%
28	10.857	1350	1355	1366	rVB	57662	98220	0.43%	0.083%
29	10.969	1366	1374	1378	rBV5	58190	142886	0.63%	0.121%
30	11.010	1378	1381	1388	rVB2	35033	64407	0.28%	0.054%
31	11.228	1406	1418	1424	rBV10	14407	49542	0.22%	0.042%
32	11.293	1424	1429	1436	rVB5	20007	37995	0.17%	0.032%
33	11.487	1456	1462	1471	rVB	120309	227571	1.00%	0.192%
34	11.569	1471	1476	1479	rBV3	24649	43836	0.19%	0.037%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002275.D
Acq On : 13 May 2020 06:04
Operator : CG/JU
Sample : L2568-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5CA0

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	11.757	1503	1508	1511	rBV6	22220	40355	0.18%	0.034%
36	11.945	1535	1540	1544	rBV	90231	146111	0.64%	0.123%
37	12.010	1548	1551	1556	rVB3	29054	41761	0.18%	0.035%
38	12.275	1589	1596	1601	rVB3	82076	135923	0.60%	0.115%
39	12.381	1608	1614	1622	rBV2	51139	100673	0.44%	0.085%
40	12.581	1644	1648	1652	rBV5	25456	35013	0.15%	0.030%
41	12.739	1671	1675	1680	rBV6	33647	59671	0.26%	0.050%
42	12.787	1680	1683	1693	rVB6	18252	41925	0.19%	0.035%
43	12.969	1709	1714	1719	rBV4	16112	35668	0.16%	0.030%
44	13.081	1728	1733	1743	rBV	497939	727425	3.21%	0.614%
45	13.175	1744	1749	1754	rBV	148378	246236	1.09%	0.208%
46	13.263	1759	1764	1768	rVV2	105539	166768	0.74%	0.141%
47	13.304	1768	1771	1778	rVB2	47131	82782	0.37%	0.070%
48	13.375	1779	1783	1785	rBV2	26990	39983	0.18%	0.034%
49	13.404	1785	1788	1797	rVB4	40427	81092	0.36%	0.068%
50	13.551	1809	1813	1814	rBV3	30711	37456	0.17%	0.032%
51	13.581	1814	1818	1822	rVB3	57538	88404	0.39%	0.075%
52	13.675	1827	1834	1838	rVV	3693747	5246401	23.16%	4.428%
53	13.716	1838	1841	1847	rVB	533724	680324	3.00%	0.574%
54	13.810	1854	1857	1868	rVB4	23430	55913	0.25%	0.047%
55	13.939	1873	1879	1890	rBV	4236904	6573420	29.01%	5.548%
56	14.063	1896	1900	1909	rVB2	43374	78573	0.35%	0.066%
57	14.257	1920	1933	1940	rBV2	2906621	4686196	20.68%	3.955%
58	14.351	1944	1949	1954	rVV	137830	199907	0.88%	0.169%
59	14.451	1958	1966	1979	rVV	350466	635925	2.81%	0.537%
60	14.657	1996	2001	2007	rVB	193844	300531	1.33%	0.254%
61	14.804	2019	2026	2030	rBV	379494	568554	2.51%	0.480%
62	14.839	2030	2032	2035	rVV	131317	171916	0.76%	0.145%
63	14.886	2035	2040	2052	rVB	516163	771815	3.41%	0.651%
64	15.081	2069	2073	2082	rVB3	56389	109374	0.48%	0.092%
65	15.181	2087	2090	2096	rVB2	59951	99080	0.44%	0.084%
66	15.251	2096	2102	2108	rBV	5099267	7691076	33.95%	6.491%
67	15.310	2108	2112	2116	rVB	232626	317131	1.40%	0.268%
68	15.369	2116	2122	2133	rBV	1664486	2450938	10.82%	2.068%
69	15.463	2135	2138	2141	rBV3	53657	73050	0.32%	0.062%
70	15.610	2159	2163	2174	rVB4	95867	216065	0.95%	0.182%
71	15.845	2199	2203	2206	rBV	42966	54417	0.24%	0.046%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002275.D
Acq On : 13 May 2020 06:04
Operator : CG/JU
Sample : L2568-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5CA0

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	16.075	2238	2242	2249	rVB4	106745	163776	0.72%	0.138%
73	16.198	2258	2263	2269	rBV8	25088	65279	0.29%	0.055%
74	16.292	2275	2279	2284	rBV2	71343	109058	0.48%	0.092%
75	16.363	2288	2291	2296	rVB2	44130	64679	0.29%	0.055%
76	16.675	2334	2344	2361	rBV	11769597	22655574	100.00%	19.120%
77	16.828	2366	2370	2386	rVB	259374	482926	2.13%	0.408%
78	17.010	2395	2401	2406	rBV	3249082	4605327	20.33%	3.887%
79	17.051	2406	2408	2411	rVB	110097	111798	0.49%	0.094%
80	17.110	2411	2418	2430	rVB	5055456	7548448	33.32%	6.370%
81	17.204	2431	2434	2435	rBV2	28572	32807	0.14%	0.028%
82	17.227	2436	2438	2445	rVB3	65829	93724	0.41%	0.079%
83	17.322	2451	2454	2459	rVB	47047	62453	0.28%	0.053%
84	17.592	2497	2500	2504	rBV	40791	46785	0.21%	0.039%
85	17.939	2554	2559	2566	rBV3	473626	729202	3.22%	0.615%
86	18.051	2575	2578	2585	rVB4	39985	72412	0.32%	0.061%
87	18.998	2735	2739	2743	rBV	68244	89108	0.39%	0.075%
88	19.180	2766	2770	2776	rBV	151929	225537	1.00%	0.190%
89	19.239	2778	2780	2787	rVB	69041	93420	0.41%	0.079%
90	19.351	2793	2799	2806	rBV2	5853260	8018322	35.39%	6.767%
91	20.851	3050	3054	3060	rBV	440830	568132	2.51%	0.479%
92	21.051	3086	3088	3091	rBV3	52947	60370	0.27%	0.051%
93	21.098	3092	3096	3107	rVB	3015647	3871436	17.09%	3.267%
94	21.292	3126	3129	3136	rVB	87389	97528	0.43%	0.082%
95	21.721	3199	3202	3212	rBV3	110054	144571	0.64%	0.122%
96	22.186	3277	3281	3292	rVB	136353	198410	0.88%	0.167%
97	22.692	3363	3367	3373	rVB	147075	197387	0.87%	0.167%
98	23.162	3440	3447	3457	rVV	3009998	5438324	24.00%	4.590%
99	23.298	3460	3470	3480	rVB	1754083	3431016	15.14%	2.896%
100	23.909	3570	3574	3581	rVB2	107140	196144	0.87%	0.166%

Sum of corrected areas: 118492052

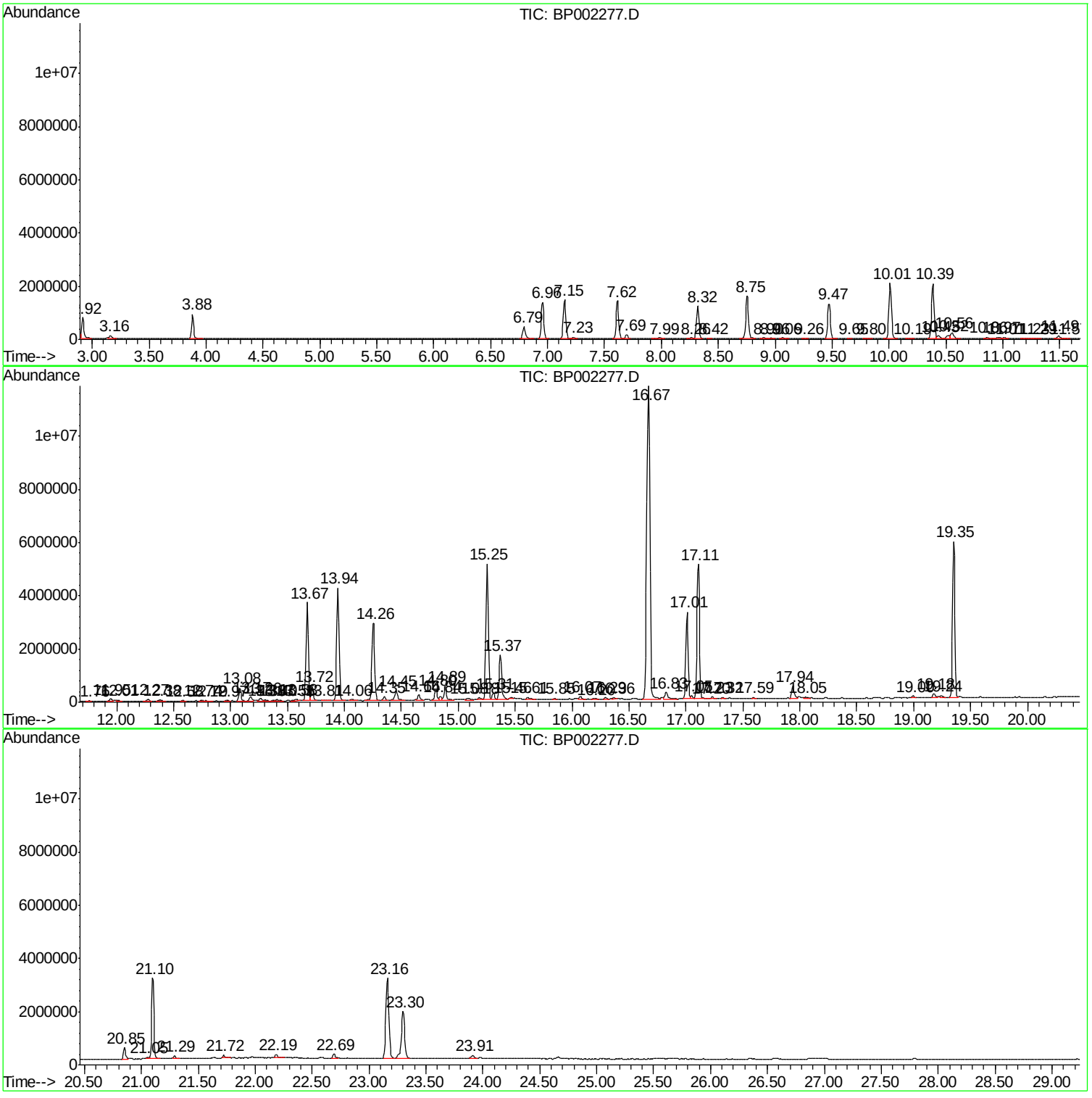
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002275.D
Acq On : 13 May 2020 06:04
Operator : CG/JU
Sample : L2568-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5CA0

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002275.D
Acq On : 13 May 2020 06:04
Operator : CG/JU
Sample : L2568-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5CA0

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

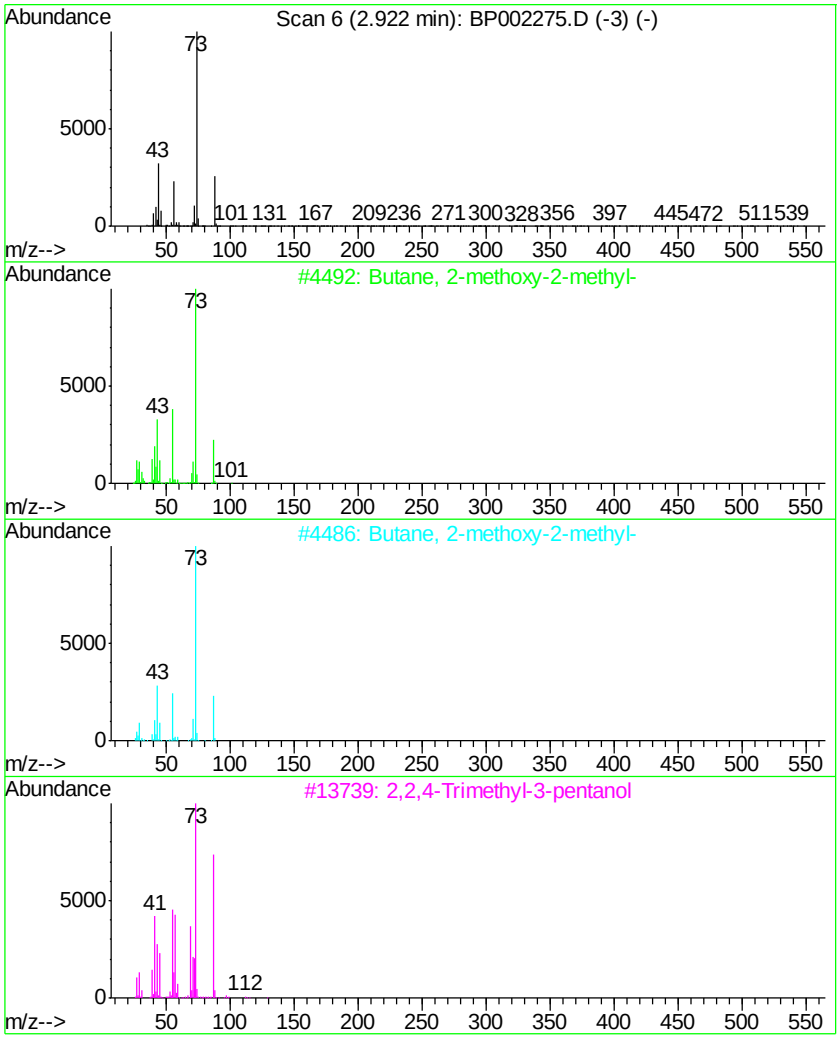
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

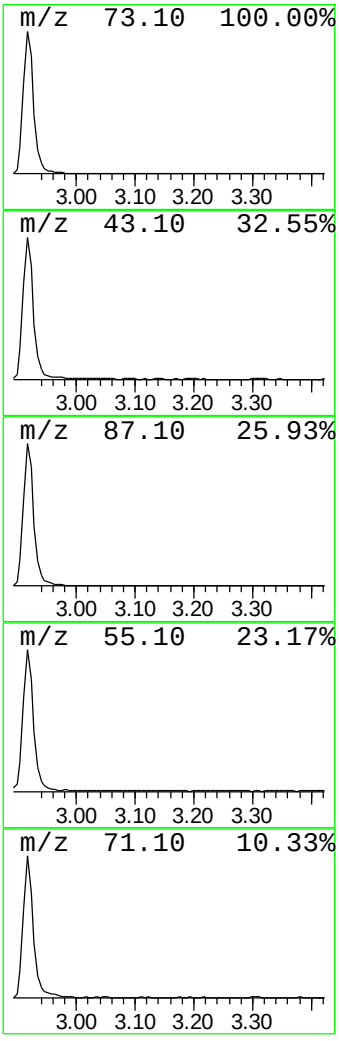
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	7.58 ng/ul	875626	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	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002275.D
Acq On : 13 May 2020 06:04
Operator : CG/JU
Sample : L2568-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5CA0

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

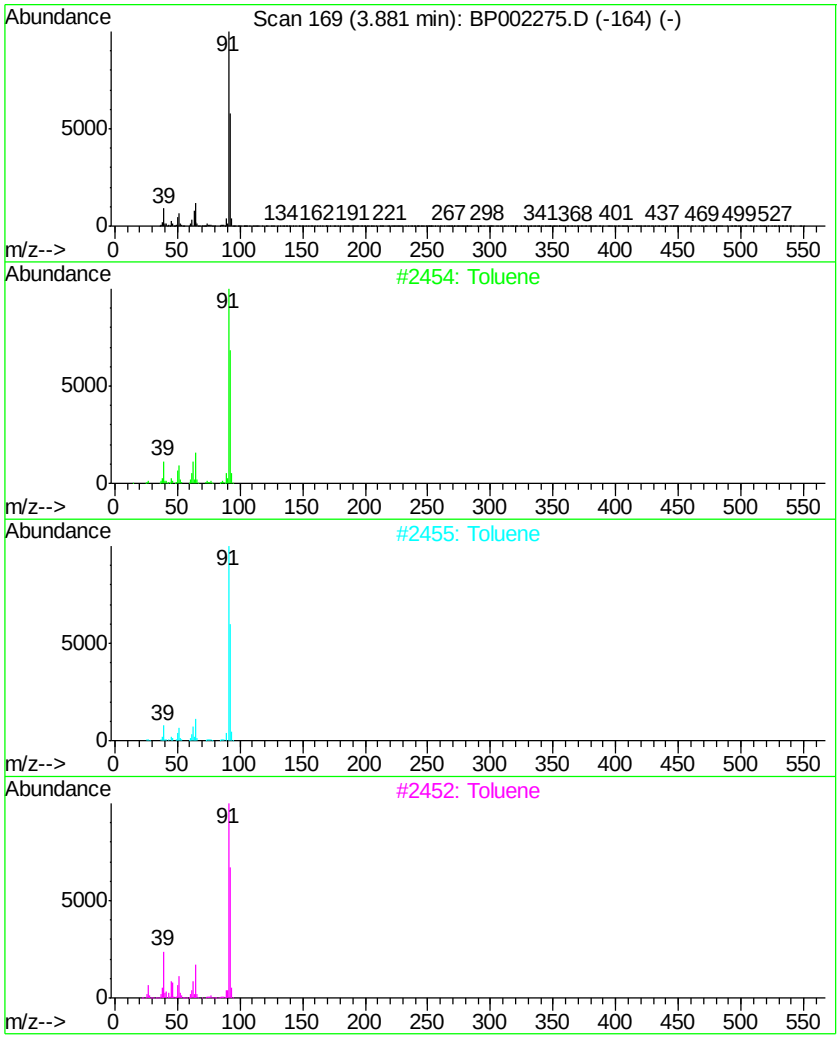
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

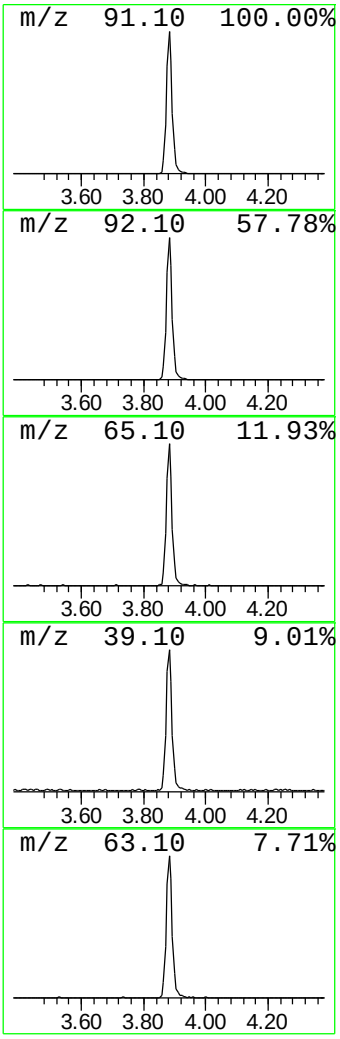
****

Peak Number 2 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.88	10.48 ng/ul	1210600	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	91
4	Toluene	92	C7H8	000108-88-3	91
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002275.D
Acq On : 13 May 2020 06:04
Operator : CG/JU
Sample : L2568-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5CA0

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

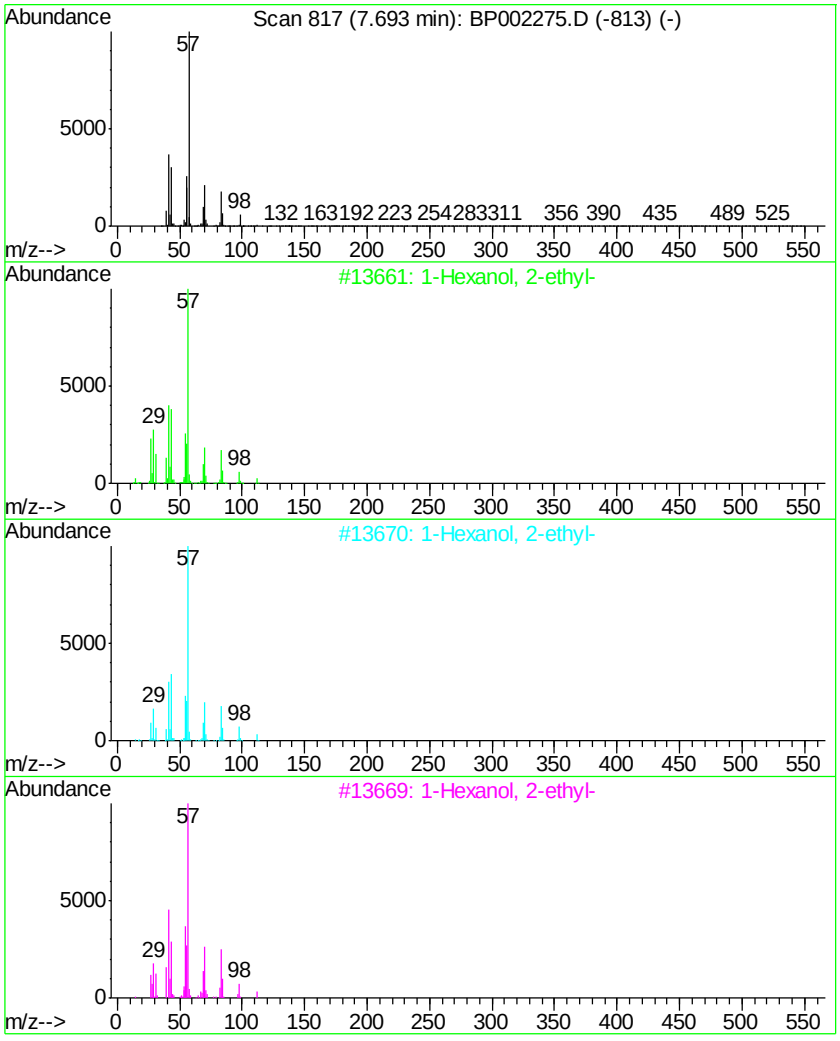
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

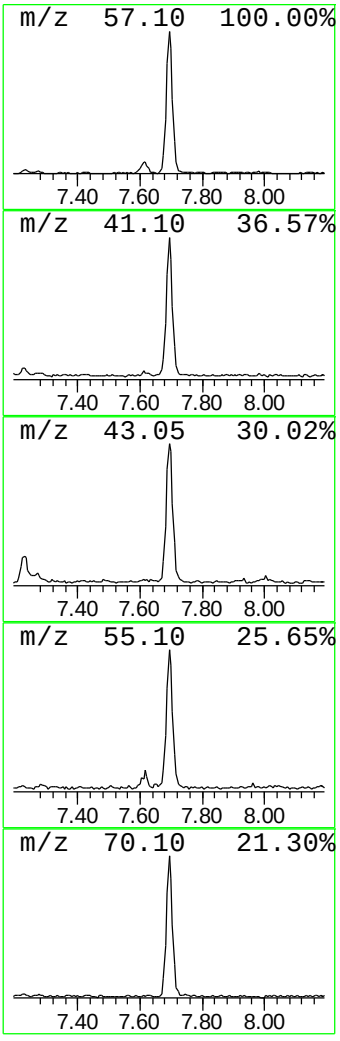
****

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	2.12 ng/ul	245324	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002275.D
Acq On : 13 May 2020 06:04
Operator : CG/JU
Sample : L2568-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5CA0

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

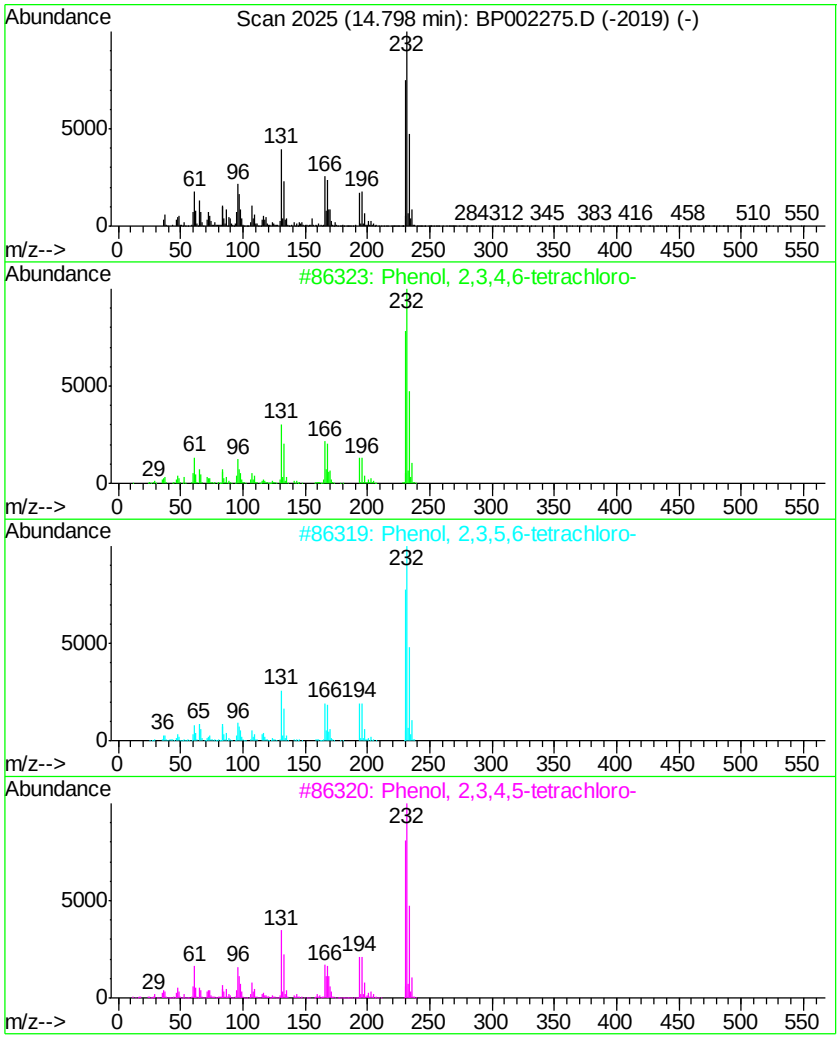
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

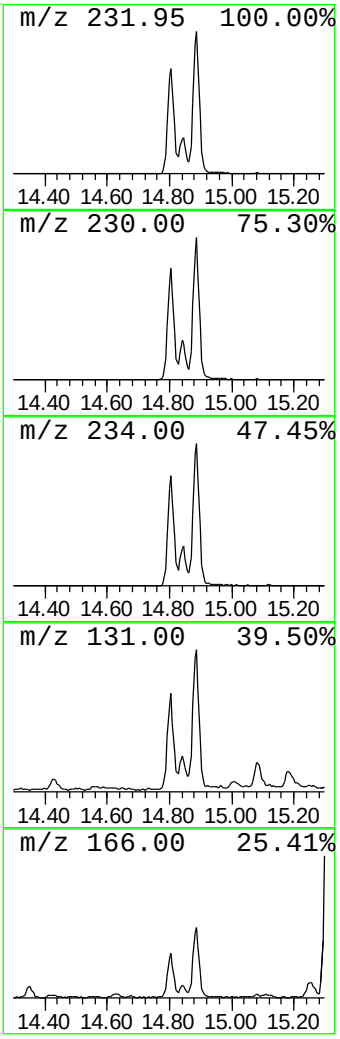
****

Peak Number 4 Phenol, 2,3,4,6-tetrachloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.43 ng/ul	568554	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
2	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	99
3	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	99
4	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	98
5	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002275.D
Acq On : 13 May 2020 06:04
Operator : CG/JU
Sample : L2568-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5CA0

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

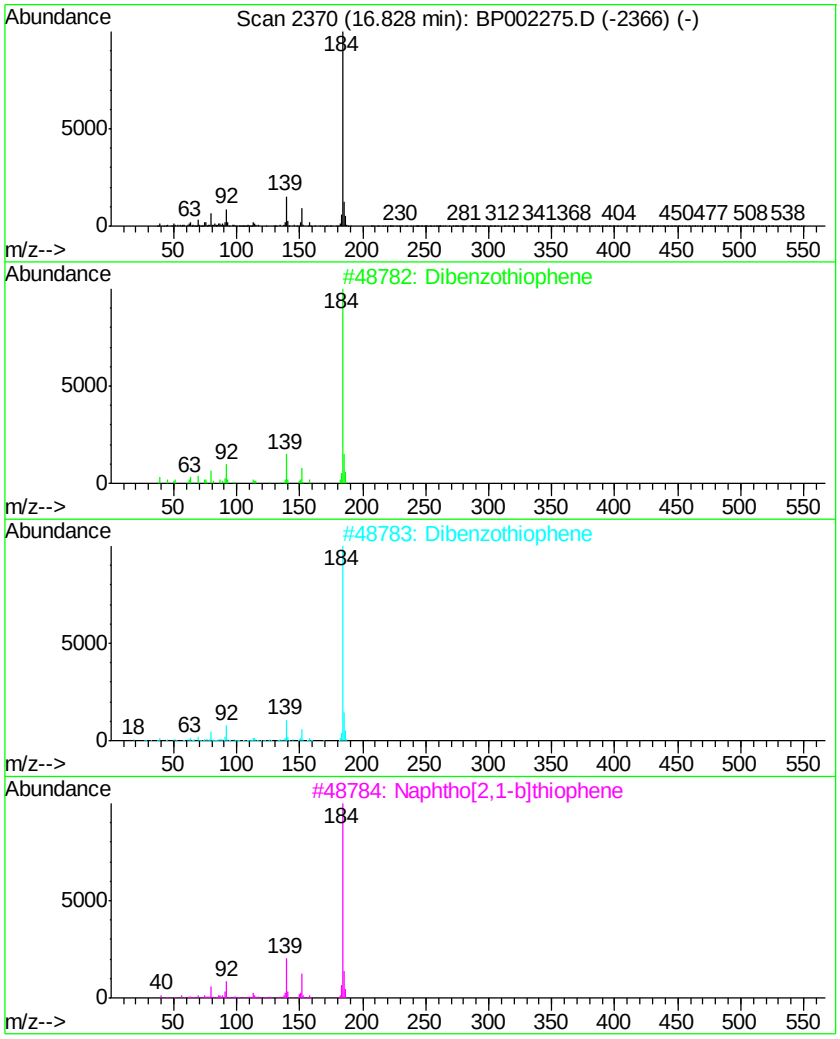
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

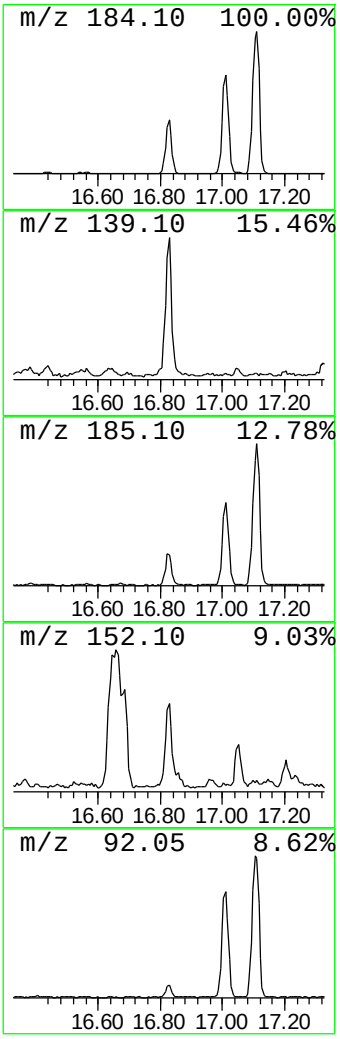
****

Peak Number 5 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	2.10 ng/ul	482926	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002275.D
Acq On : 13 May 2020 06:04
Operator : CG/JU
Sample : L2568-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5CA0

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

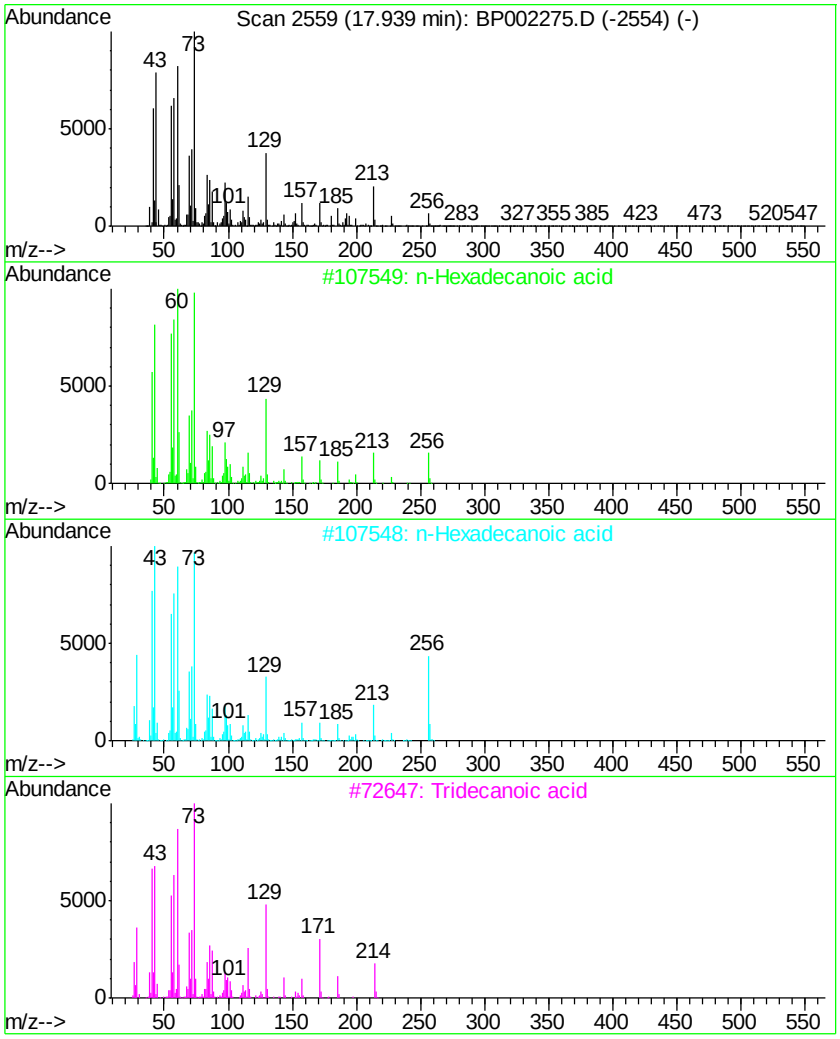
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

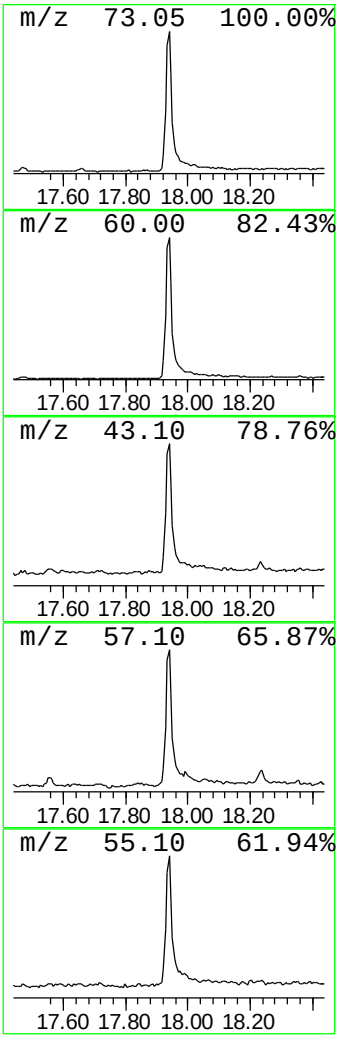
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	3.17 ng/ul	729202	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002275.D
Acq On : 13 May 2020 06:04
Operator : CG/JU
Sample : L2568-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5CA0

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

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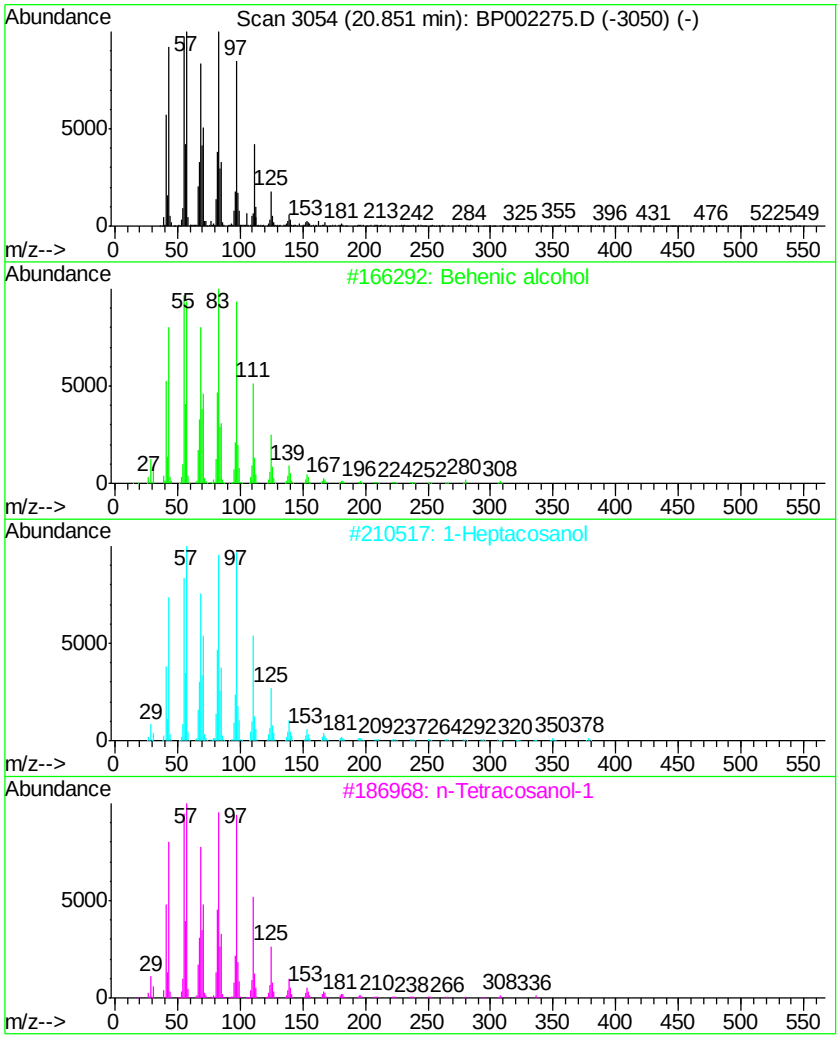
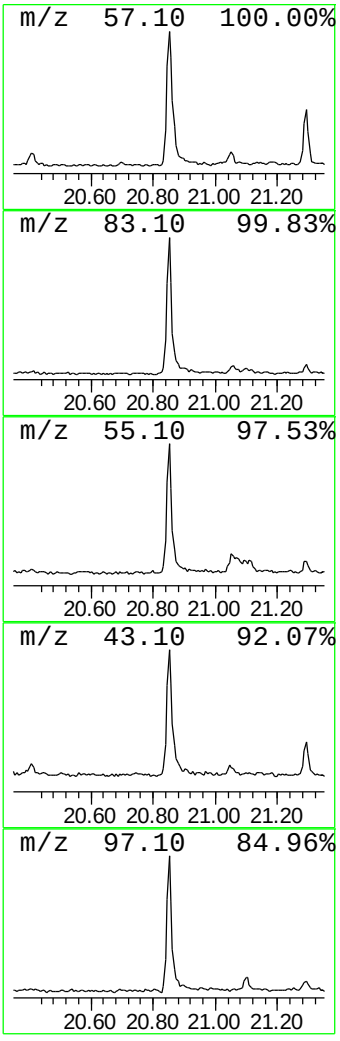
Peak Number 7 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	2.93 ng/ul	568132	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002275.D
Acq On : 13 May 2020 06:04
Operator : CG/JU
Sample : L2568-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5CA0

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	875626	1	7.62	2309750	20.0
Toluene	3.88	10.5	ng/ul	1210600	1	7.62	2309750	20.0
1-Hexanol, 2-ethyl-	7.69	2.1	ng/ul	245324	1	7.62	2309750	20.0
Phenol, 2,3,4,6-t...	14.80	2.4	ng/ul	568554	3	14.26	4686200	20.0
Dibenzothiophene	16.83	2.1	ng/ul	482926	4	17.01	4605330	20.0
n-Hexadecanoic acid	17.94	3.2	ng/ul	729202	4	17.01	4605330	20.0
Behenic alcohol	20.85	2.9	ng/ul	568132	5	21.10	3871440	20.0