LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
Data File : BP001786.D
Acq On : 19 Feb 2020 19:28
Operator : CG/JU
Sample : L1424-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B28

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-BP021820MA.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	2.934	4	8	25	rVB	947668	1312315	12.53%	1.139%
2	3.181	46	50	57	rVB	102402	128202	1.22%	0.111%
3	3.822	157	159	165	rVB2	8947	11924	0.11%	0.010%
4	3.911	170	174	179	rVB	18030	23920	0.23%	0.021%
5	4.134	208	212	216	rBV6	8932	13319	0.13%	0.012%
6	4.534	276	280	285	rBV5	7307	10827	0.10%	0.009%
7	4.811	322	327	333	rBV	25688	37148	0.35%	0.032%
8	5.399	423	427	435	rVB4	7003	13642	0.13%	0.012%
9	6.834	663	671	684	rBV	1660290	2639174	25.20%	2.291%
10	6.999	689	699	708	rBV	1356926	2096428	20.02%	1.820%
11	7.193	725	732	743	rBV	1787905	2754048	26.30%	2.391%
12	7.657	804	811	821	rBV	1563590	2395375	22.87%	2.079%
13	7.740	821	825	831	rVB	17340	27949	0.27%	0.024%
14	8.357	922	930	943	rBV	2018858	3213136	30.68%	2.789%
15	8.457	943	947	953	rVB9	4925	11534	0.11%	0.010%
16	8.799	998	1005	1019	rBV	1485260	2373895	22.67%	2.061%
17	9.299	1083	1090	1097	rBV	52565	83621	0.80%	0.073%
18	9.516	1120	1127	1137	rBV	1100943	1771695	16.92%	1.538%
19	10.051	1210	1218	1233	rBV	2047927	3355657	32.04%	2.913%
20	10.428	1274	1282	1291	rBV	2093388	3539516	33.80%	3.073%
21	10.563	1297	1305	1324	rBV	2029241	3366300	32.14%	2.922%
22	11.075	1387	1392	1401	rVB6	6151	12380	0.12%	0.011%
23	12.022	1547	1553	1559	rBV2	36663	60553	0.58%	0.053%
24	12.592	1645	1650	1658	rBV2	20527	38948	0.37%	0.034%
25	13.151	1741	1745	1750	rBV	10844	14488	0.14%	0.013%
26	13.216	1750	1756	1760	rBV3	19337	34283	0.33%	0.030%
27	13.528	1804	1809	1816	rBV6	9796	17388	0.17%	0.015%
28	13.704	1833	1839	1844	rBV	3425893	4808752	45.92%	4.174%
29	13.751	1844	1847	1856	rVB	344450	456583	4.36%	0.396%
30	13.981	1877	1886	1897	rBV	4235712	6241652	59.60%	5.418%
31	14.292	1932	1939	1947	rVV	3309430	4859748	46.40%	4.219%
32	14.481	1963	1971	1984	rBV	1347120	1957069	18.69%	1.699%
33	14.716	2007	2011	2014	rBV5	14573	19643	0.19%	0.017%
34	14.945	2041	2050	2058	rVB5	6381	19706	0.19%	0.017%

LSC Area Percent Report

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Sample : L1424-18
Misc :
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Instrument : BNA_P
ClientSampleId : C5B28

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-BP021820MA.M
Title : SVOA CALIBRATION

35	15.128	2076	2081	2085	rBV5	7663	11876	0.11%	0.010%
36	15.186	2088	2091	2096	rVB	12426	16219	0.15%	0.014%
37	15.292	2102	2109	2120	rVB	5381983	7793513	74.41%	6.765%
38	15.404	2121	2128	2140	rBV	937535	1345376	12.85%	1.168%
39	15.528	2145	2149	2156	rVB	57946	88372	0.84%	0.077%
40	16.081	2234	2243	2251	rBV4	23147	50400	0.48%	0.044%
41	16.316	2279	2283	2287	rVB	17054	19529	0.19%	0.017%
42	16.722	2349	2352	2359	rVB6	11006	17497	0.17%	0.015%
43	16.828	2366	2370	2372	rBV2	14664	20834	0.20%	0.018%
44	17.039	2400	2406	2416	rVB	3891554	5814404	55.52%	5.047%
45	17.139	2416	2423	2436	rBV	5826361	8183749	78.14%	7.104%
46	17.245	2438	2441	2446	rVB6	12228	16588	0.16%	0.014%
47	17.457	2474	2477	2483	rVB5	18360	25753	0.25%	0.022%
48	17.963	2559	2563	2581	rBV	369529	667916	6.38%	0.580%
49	18.257	2608	2613	2623	rVB3	28007	52220	0.50%	0.045%
50	18.392	2632	2636	2642	rVB5	19332	29022	0.28%	0.025%
51	18.798	2701	2705	2715	rVB3	37203	55088	0.53%	0.048%
52	18.874	2715	2718	2723	rBV	50072	58308	0.56%	0.051%
53	19.027	2739	2744	2748	rBV	68748	105315	1.01%	0.091%
54	19.063	2748	2750	2753	rVV3	10985	12747	0.12%	0.011%
55	19.204	2770	2774	2781	rBV	156469	216699	2.07%	0.188%
56	19.274	2782	2786	2792	rVB	67992	98616	0.94%	0.086%
57	19.386	2799	2805	2811	rBV	7599417	10033386	95.80%	8.710%
58	19.439	2811	2814	2816	rVV	38024	41465	0.40%	0.036%
59	19.463	2816	2818	2823	rVB4	18360	21612	0.21%	0.019%
60	19.910	2892	2894	2898	rBV4	20112	21615	0.21%	0.019%
61	19.957	2898	2902	2907	rVB	157407	167712	1.60%	0.146%
62	20.304	2958	2961	2968	rVB3	54075	68744	0.66%	0.060%
63	20.439	2980	2984	2987	rVB	87214	85860	0.82%	0.075%
64	20.827	3046	3050	3054	rBV	79102	136406	1.30%	0.118%
65	20.880	3054	3059	3064	rVV2	1254330	1784030	17.03%	1.549%
66	20.927	3064	3067	3076	rVB	523335	689193	6.58%	0.598%
67	21.133	3097	3102	3112	rBV	5710324	6875113	65.65%	5.968%
68	21.251	3119	3122	3129	rBV2	50514	76089	0.73%	0.066%
69	21.316	3129	3133	3139	rBV	262655	293625	2.80%	0.255%
70	21.751	3203	3207	3218	rBV2	565567	887034	8.47%	0.770%
71	22.215	3282	3286	3296	rVB	419722	635502	6.07%	0.552%

LSC Area Percent Report

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Sample : L1424-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B28

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-BP021820MA.M
Title : SVOA CALIBRATION

72	22.721	3368	3372	3376	rBV	526665	770958	7.36%	0.669%
73	23.204	3447	3454	3464	rBV	5663461	10473128	100.00%	9.091%
74	23.298	3465	3470	3472	rVV	425817	706818	6.75%	0.614%
75	23.345	3472	3478	3495	rVB	3884642	7317503	69.87%	6.352%
76	23.951	3575	3581	3587	rBV	378980	765526	7.31%	0.665%
77	24.021	3588	3593	3603	rVB	251869	514471	4.91%	0.447%
78	24.704	3704	3709	3716	rVB	208930	412802	3.94%	0.358%

Sum of corrected areas: 115199451

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Operator : CG/JU
Sample : L1424-18
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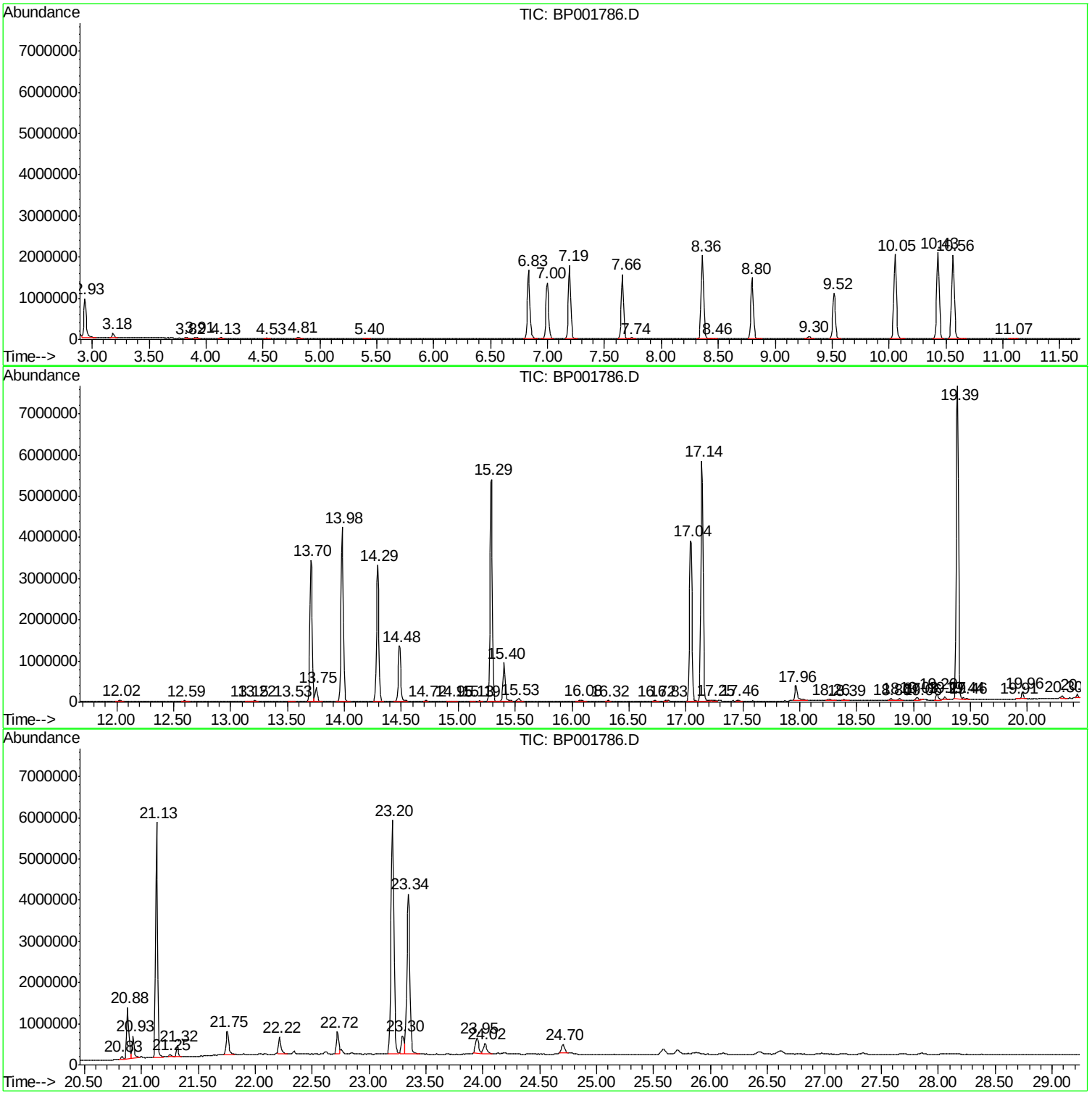
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C5B28

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.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\BP021920\
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Operator : CG/JU
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Instrument : BNA_P
ClientSampleId : C5B28

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

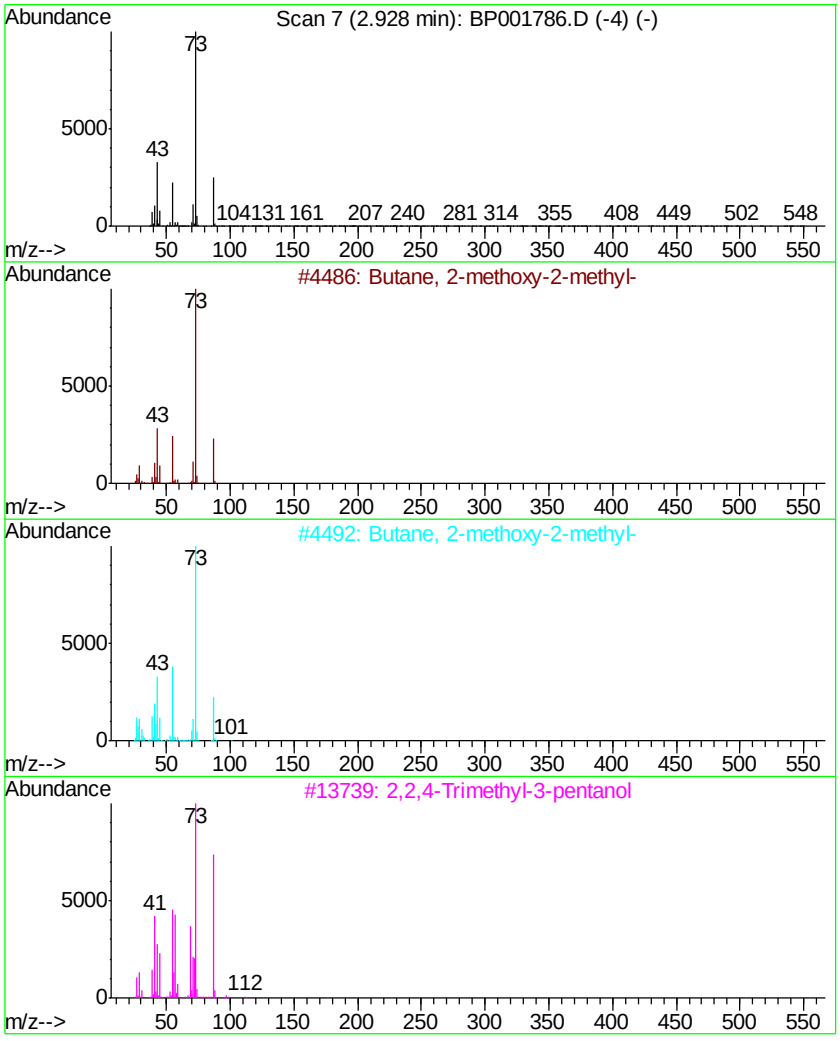
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

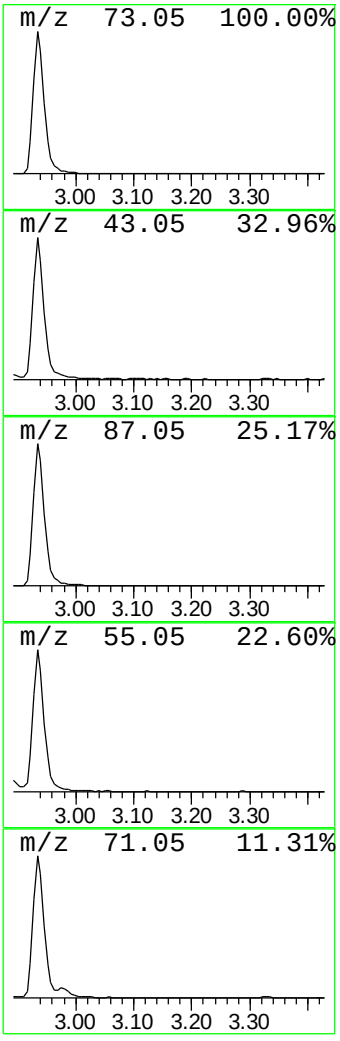
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	10.96 ng/ul	1312320	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Operator : CG/JU
Sample : L1424-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B28

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

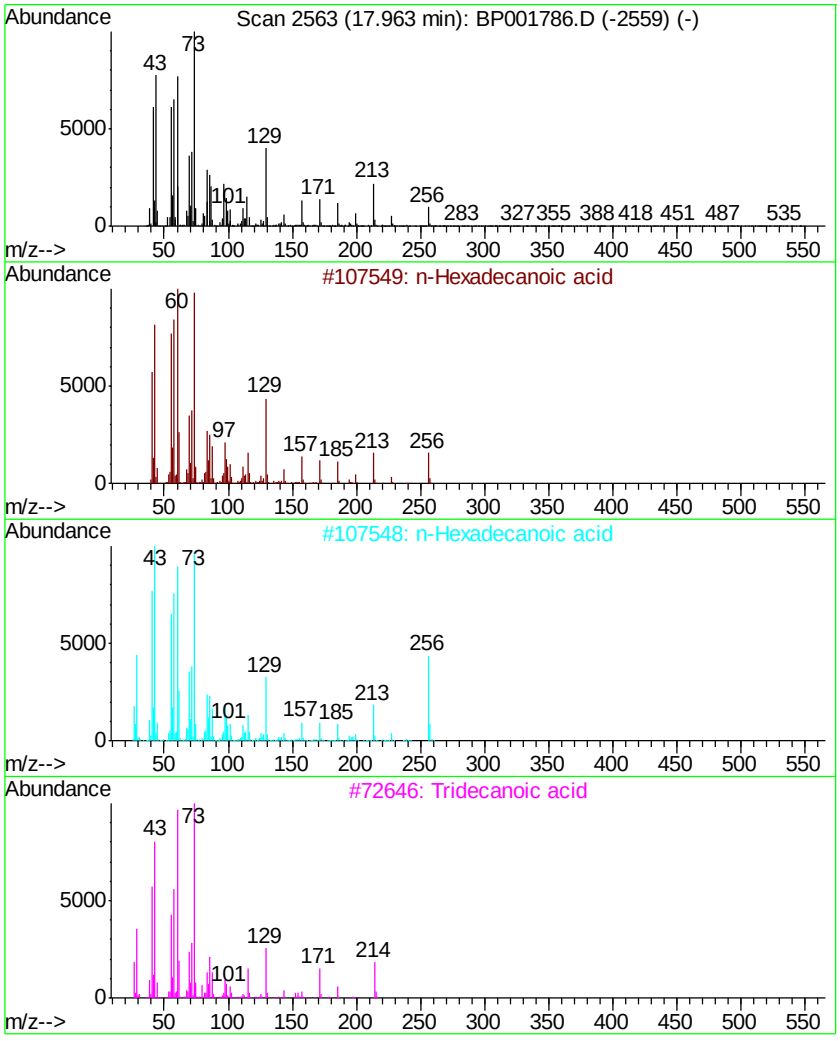
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

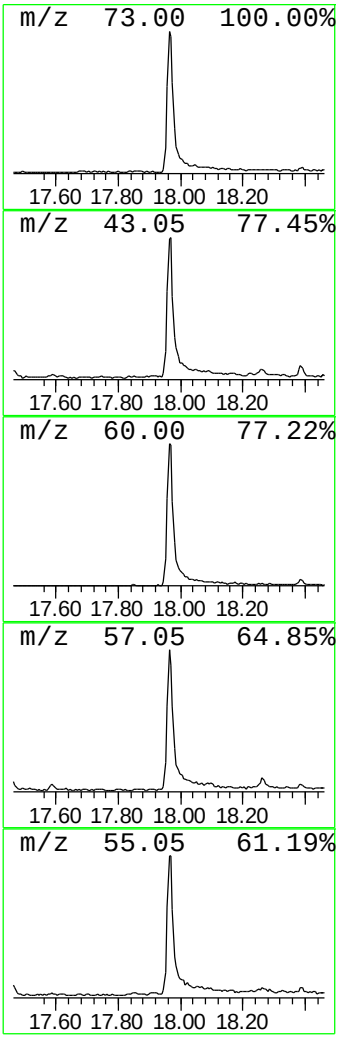
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.30 ng/ul	667916	Phenanthrene-d10	17.04

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	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Library Search Compound Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B28

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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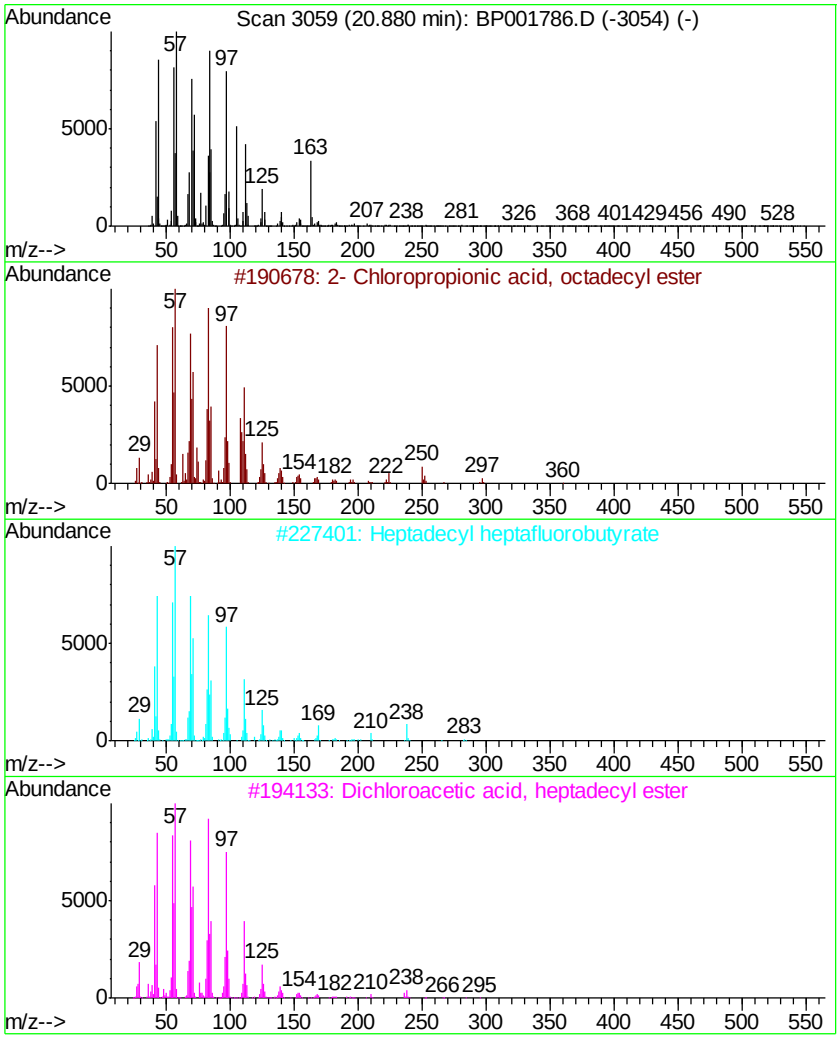
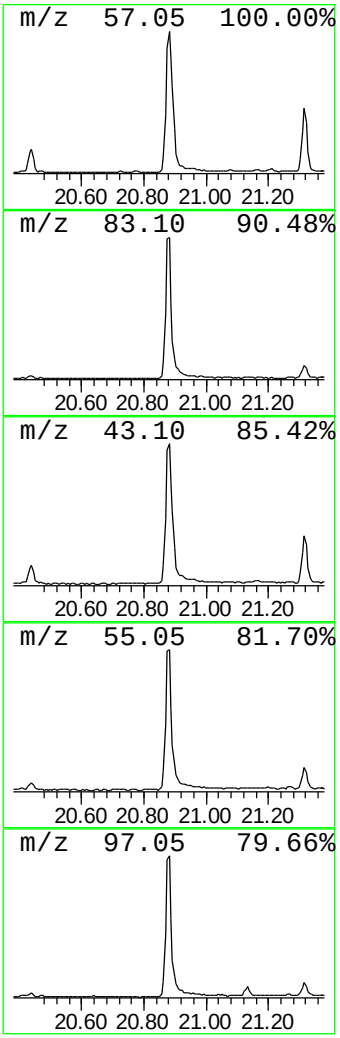
Peak Number 3 2- Chloropropionic acid, oc... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	5.19 ng/ul	1784030	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
4	1-Heptacosanol	396	C27H56O	002004-39-9	93
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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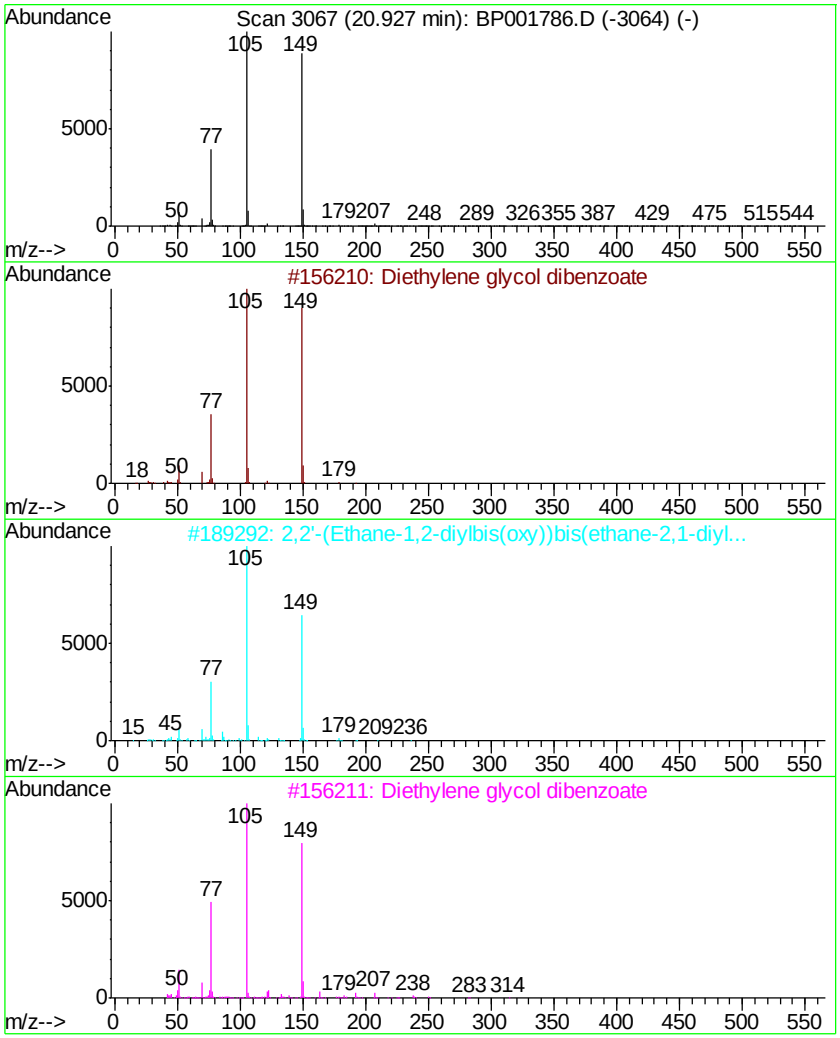
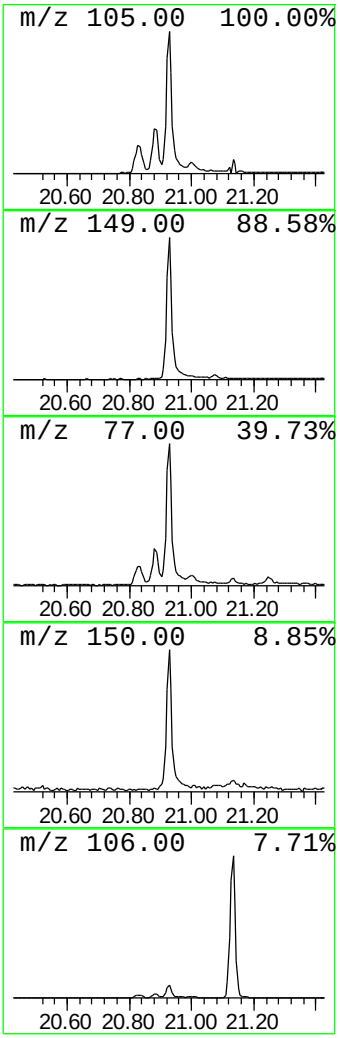
Peak Number 4 Diethylene glycol dibenzoate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.00 ng/ul	689193	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	83
2	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	64
3	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	64
4	3-Benzoylamino-2-benzyl-butyric ...	311	C19H21NO3	1000193-12-7	64
5	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	64





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B28

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

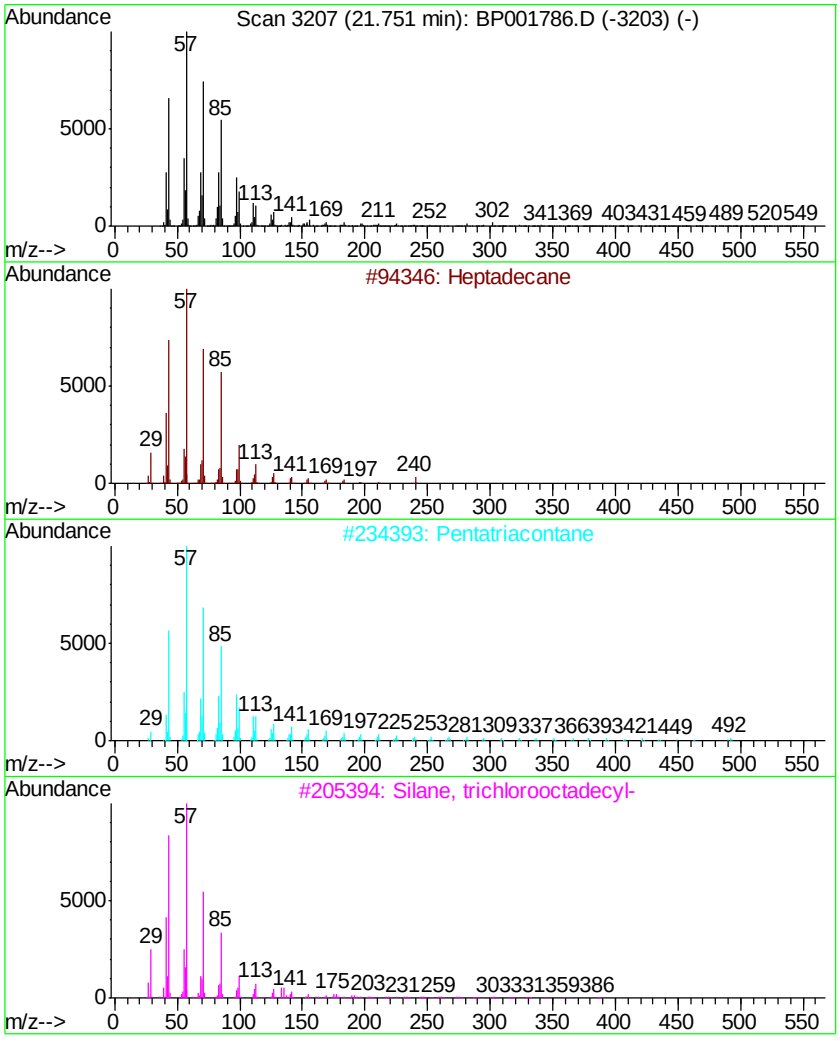
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

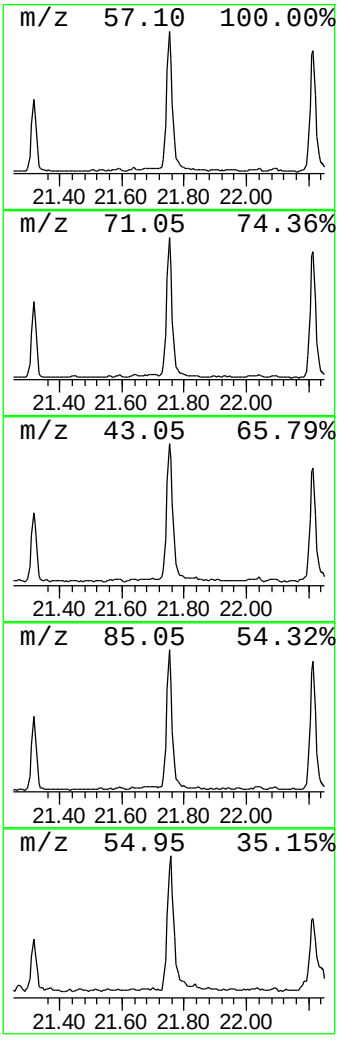
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	2.58 ng/ul	887034	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Pentatriacontane	493	C35H72	000630-07-9	91
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	89
4	Hexacosane	366	C26H54	000630-01-3	87
5	Pentadecane	212	C15H32	000629-62-9	76





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Data File : BP001786.D
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Operator : CG/JU
Sample : L1424-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B28

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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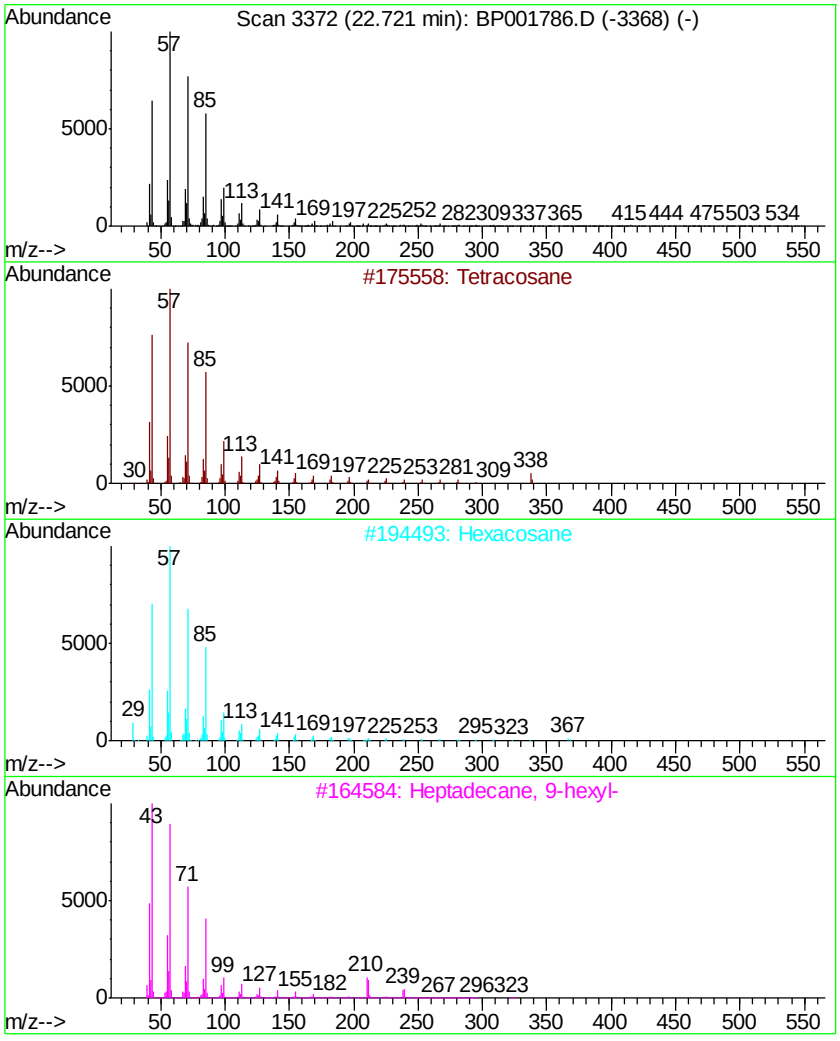
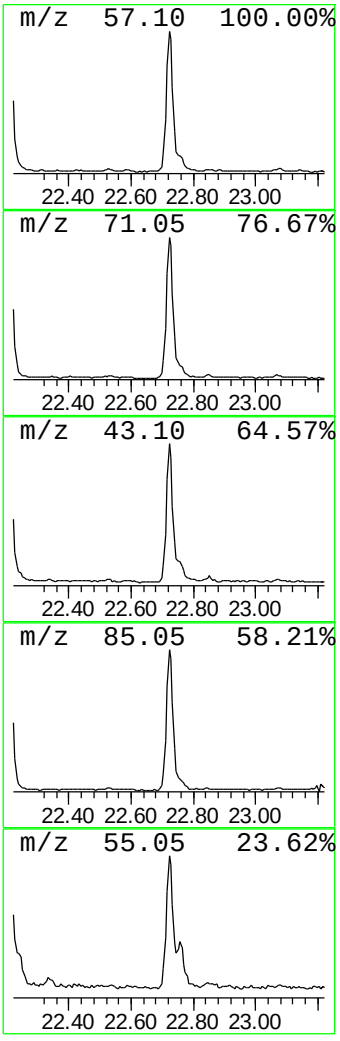
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.72	2.11 ng/ul	770958	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Hexacosane	366	C26H54	000630-01-3	94
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93





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Acq On : 19 Feb 2020 19:28
Operator : CG/JU
Sample : L1424-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B28

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

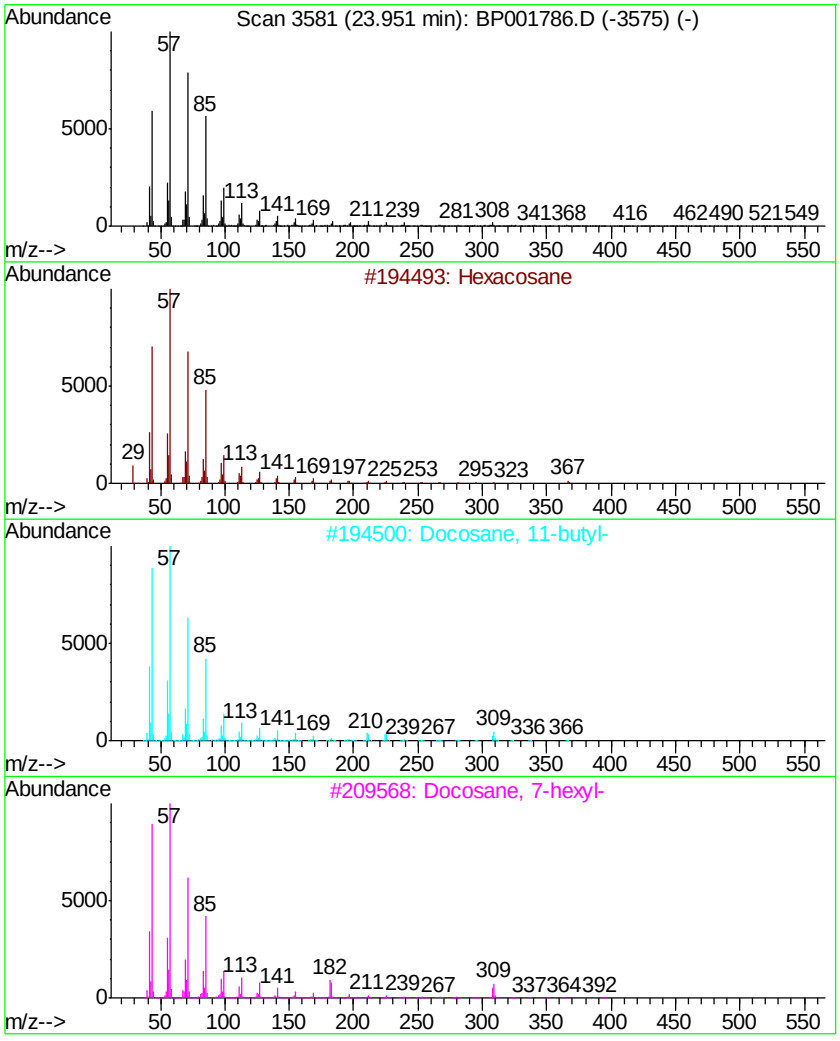
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

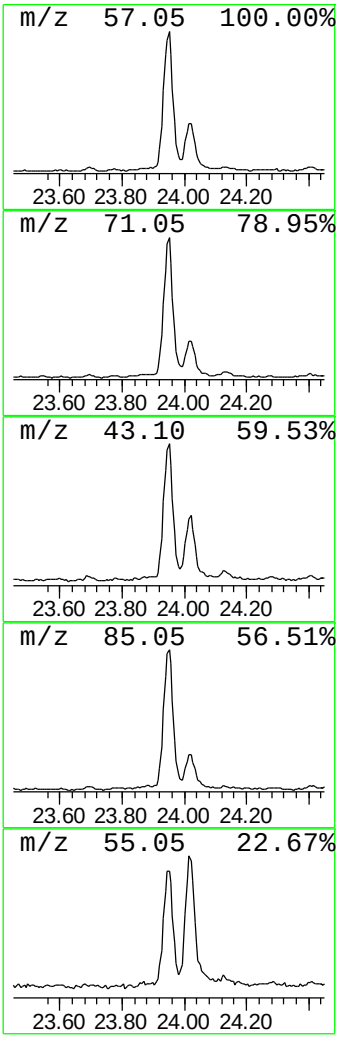
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	2.09 ng/ul	765526	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	93
4	Hexadecane	226	C16H34	000544-76-3	93
5	Hexadecane	226	C16H34	000544-76-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021920\
Data File : BP001786.D
Acq On : 19 Feb 2020 19:28
Operator : CG/JU
Sample : L1424-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B28

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.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...	2.93	11.0	ng/ul	1312320	1	7.66	2395380	20.0
n-Hexadecanoic acid	17.96	2.3	ng/ul	667916	4	17.04	5814400	20.0
2- Chloropropioni...	20.88	5.2	ng/ul	1784030	5	21.13	6875110	20.0
Diethylene glycol...	20.93	2.0	ng/ul	689193	5	21.13	6875110	20.0
(DEL) Alkane: Str...	21.75	2.6	ng/ul	887034	5	21.13	6875110	20.0
(DEL) Alkane: Str...	22.72	2.1	ng/ul	770958	6	23.34	7317500	20.0
(DEL) Alkane: Str...	23.95	2.1	ng/ul	765526	6	23.34	7317500	20.0