LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021920\
Data File : BP001780.D
Acq On : 19 Feb 2020 16:05
Operator : CG/JU
Sample : L1424-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5B10

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	830743	1121653	11.07%	1.049%
2	3.181	46	50	59	rVB	105836	137644	1.36%	0.129%
3	3.828	156	160	166	rVB6	7742	13778	0.14%	0.013%
4	3.911	170	174	180	rVB	17635	23891	0.24%	0.022%
5	4.811	323	327	333	rBV	17534	25974	0.26%	0.024%
6	6.834	664	671	682	rBV	1529868	2501541	24.69%	2.339%
7	6.999	691	699	713	rBV	1319526	2026872	20.00%	1.895%
8	7.193	725	732	742	rBV	1682947	2612848	25.78%	2.443%
9	7.658	804	811	820	rBV	1383524	2147709	21.19%	2.008%
10	7.740	820	825	831	rVB	14091	21584	0.21%	0.020%
11	8.358	918	930	945	rBV	1833347	2930419	28.92%	2.740%
12	8.799	996	1005	1015	rBV	1417795	2273795	22.44%	2.126%
13	9.299	1083	1090	1097	rVB	48766	78673	0.78%	0.074%
14	9.516	1120	1127	1137	rBV	1021789	1648121	16.26%	1.541%
15	10.052	1210	1218	1230	rBV	1937742	3174392	31.33%	2.968%
16	10.428	1274	1282	1290	rBV	1874360	3173914	31.32%	2.967%
17	10.563	1297	1305	1323	rBV	1955330	3238938	31.96%	3.028%
18	12.028	1547	1554	1562	rVV	35100	58588	0.58%	0.055%
19	13.157	1741	1746	1750	rBV3	9799	13700	0.14%	0.013%
20	13.216	1750	1756	1761	rVV2	14625	26427	0.26%	0.025%
21	13.528	1804	1809	1815	rBV6	8627	15033	0.15%	0.014%
22	13.704	1833	1839	1844	rBV	3352317	4641816	45.81%	4.339%
23	13.751	1844	1847	1853	rVB	335565	451428	4.45%	0.422%
24	13.981	1875	1886	1897	rBV	4233188	6057762	59.78%	5.663%
25	14.293	1932	1939	1947	rVV	3062390	4405789	43.48%	4.119%
26	14.481	1963	1971	1990	rBV	1194870	1757409	17.34%	1.643%
27	14.716	2006	2011	2020	rVB7	22663	41725	0.41%	0.039%
28	15.187	2085	2091	2096	rBV3	11072	16683	0.16%	0.016%
29	15.287	2101	2108	2121	rBV	5330795	7596879	74.97%	7.102%
30	15.404	2121	2128	2145	rBV	827829	1206890	11.91%	1.128%
31	15.528	2145	2149	2155	rVB2	58302	88202	0.87%	0.082%
32	16.075	2235	2242	2246	rBV3	20639	36580	0.36%	0.034%
33	16.316	2279	2283	2287	rBV	15852	20171	0.20%	0.019%
34	16.722	2349	2352	2358	rVB6	10969	16675	0.16%	0.016%

LSC Area Percent Report

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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-BP021820MA.M
Title : SVOA CALIBRATION

35	16.828	2365	2370	2380	rVB2	16424	42414	0.42%	0.040%
36	17.039	2400	2406	2416	rBV	3633241	5301195	52.31%	4.956%
37	17.139	2416	2423	2437	rVV	5724731	7948922	78.44%	7.431%
38	17.410	2464	2469	2473	rBV3	5663	10771	0.11%	0.010%
39	17.463	2474	2478	2486	rVB3	24067	33706	0.33%	0.032%
40	17.922	2552	2556	2559	rBV6	7687	11158	0.11%	0.010%
41	17.963	2559	2563	2578	rBV2	231927	454622	4.49%	0.425%
42	18.145	2590	2594	2598	rVB4	10029	14007	0.14%	0.013%
43	18.257	2608	2613	2623	rBV4	20267	35602	0.35%	0.033%
44	18.386	2632	2635	2642	rBV5	25266	34954	0.34%	0.033%
45	18.798	2701	2705	2710	rVB6	22388	29853	0.29%	0.028%
46	19.028	2739	2744	2748	rBV	65601	93966	0.93%	0.088%
47	19.063	2748	2750	2753	rVV4	7872	10490	0.10%	0.010%
48	19.204	2770	2774	2782	rBV	104578	154176	1.52%	0.144%
49	19.275	2782	2786	2793	rVB	64773	89058	0.88%	0.083%
50	19.386	2799	2805	2812	rBV	7393116	9674469	95.47%	9.044%
51	19.957	2899	2902	2908	rBV3	15359	19318	0.19%	0.018%
52	20.439	2981	2984	2987	rVB	34637	34441	0.34%	0.032%
53	20.833	3046	3051	3054	rBV	90343	149632	1.48%	0.140%
54	20.880	3054	3059	3064	rVV2	729053	1047155	10.33%	0.979%
55	20.927	3064	3067	3076	rVB	584932	755704	7.46%	0.706%
56	21.133	3097	3102	3114	rBV	5110309	6253045	61.71%	5.846%
57	21.251	3119	3122	3129	rVV	50649	83985	0.83%	0.079%
58	21.316	3130	3133	3142	rVB	214506	247548	2.44%	0.231%
59	21.751	3203	3207	3222	rVB	371618	516032	5.09%	0.482%
60	22.216	3282	3286	3297	rVB	423409	600286	5.92%	0.561%
61	22.345	3304	3308	3313	rVB	200768	259806	2.56%	0.243%
62	22.727	3368	3373	3388	rVB	449197	741780	7.32%	0.693%
63	23.204	3447	3454	3464	rBV	5566768	10133399	100.00%	9.473%
64	23.298	3465	3470	3473	rVV	467293	819862	8.09%	0.766%
65	23.345	3473	3478	3491	rVB	3651379	6592397	65.06%	6.163%
66	23.951	3575	3581	3587	rBV	364339	699063	6.90%	0.654%
67	24.704	3704	3709	3719	rVB	214022	471180	4.65%	0.440%

Sum of corrected areas: 106967499

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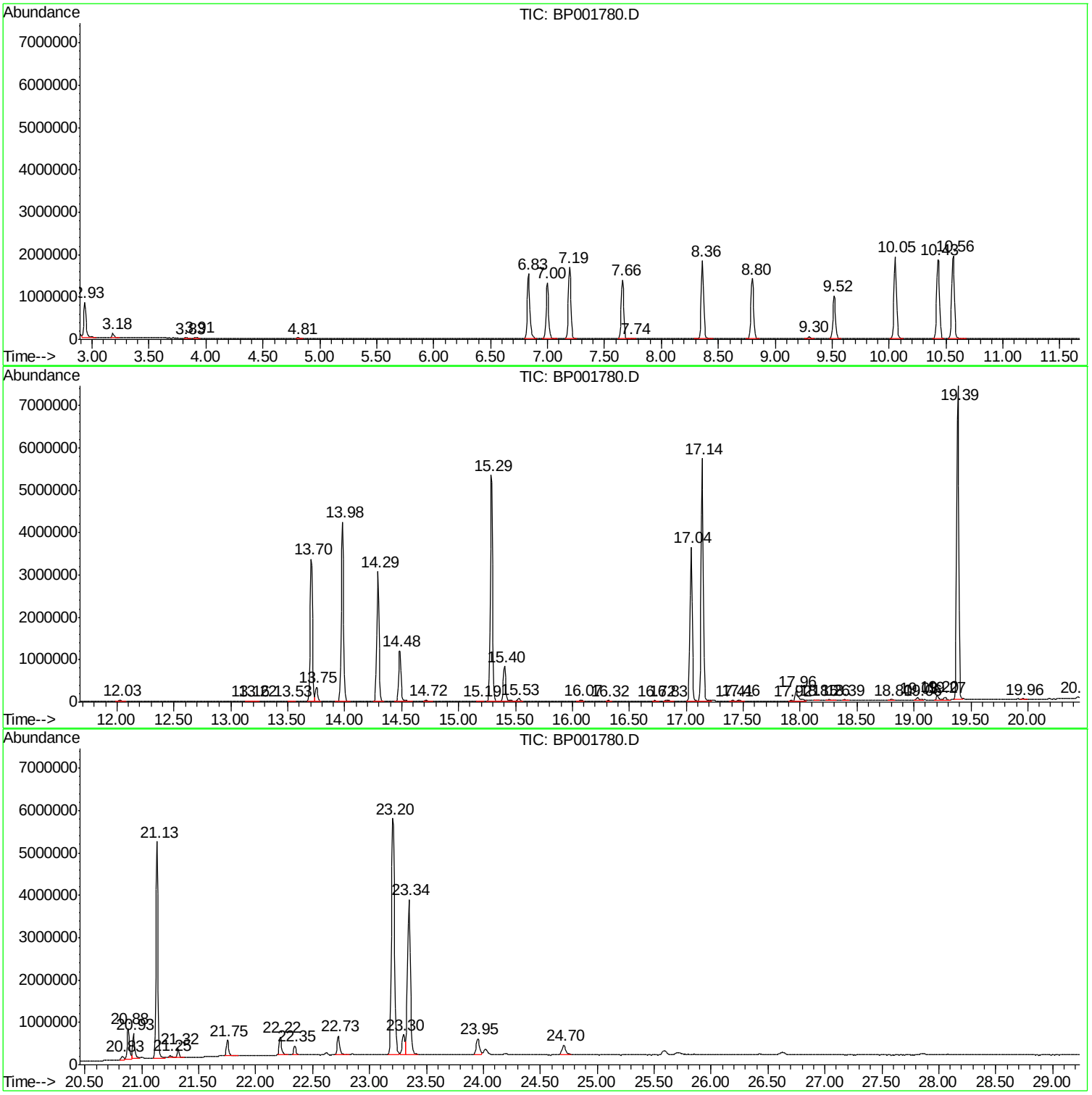
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C5B10

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

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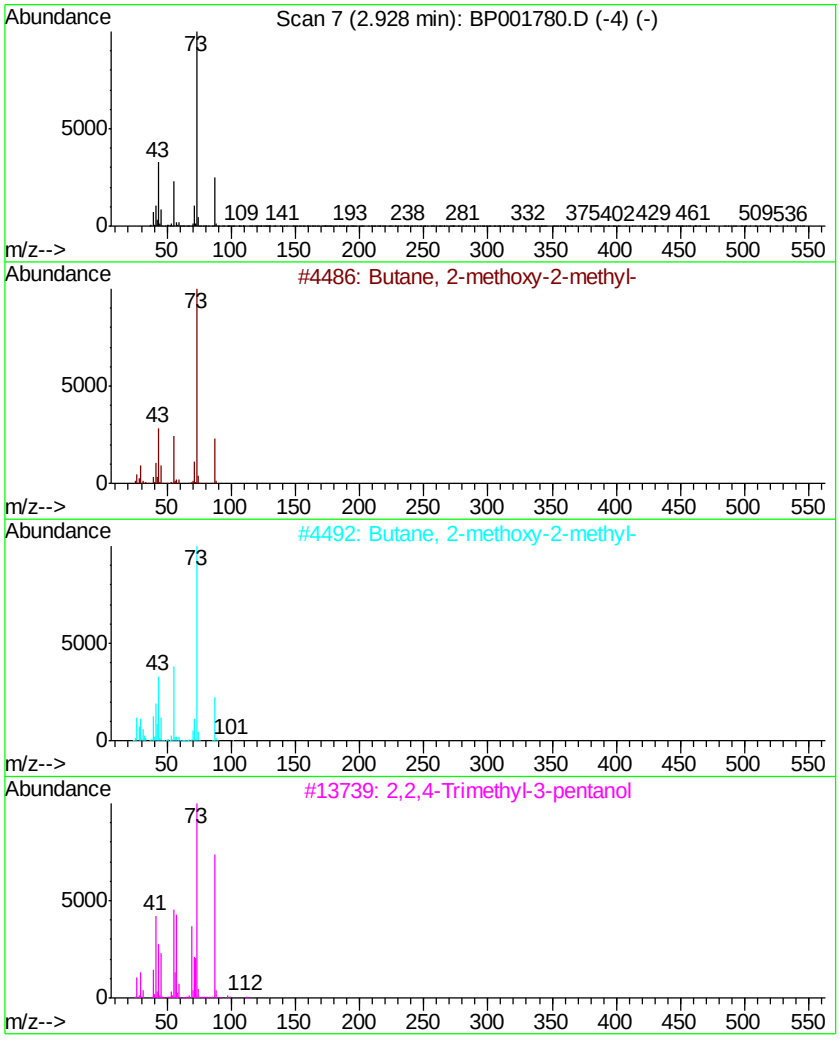
TIC Integration Parameters: LSCINT.P

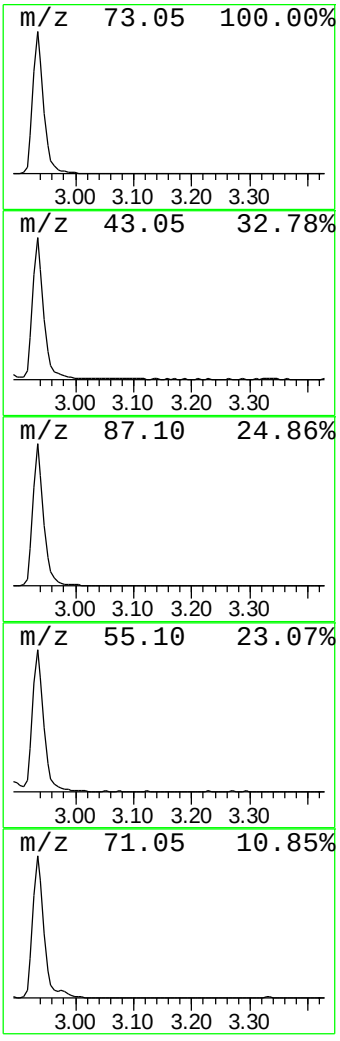
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	10.45 ng/ul	1121650	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





Library Search Compound Report

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Misc :
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Instrument : BNA_P
ClientSampleId : C5B10

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

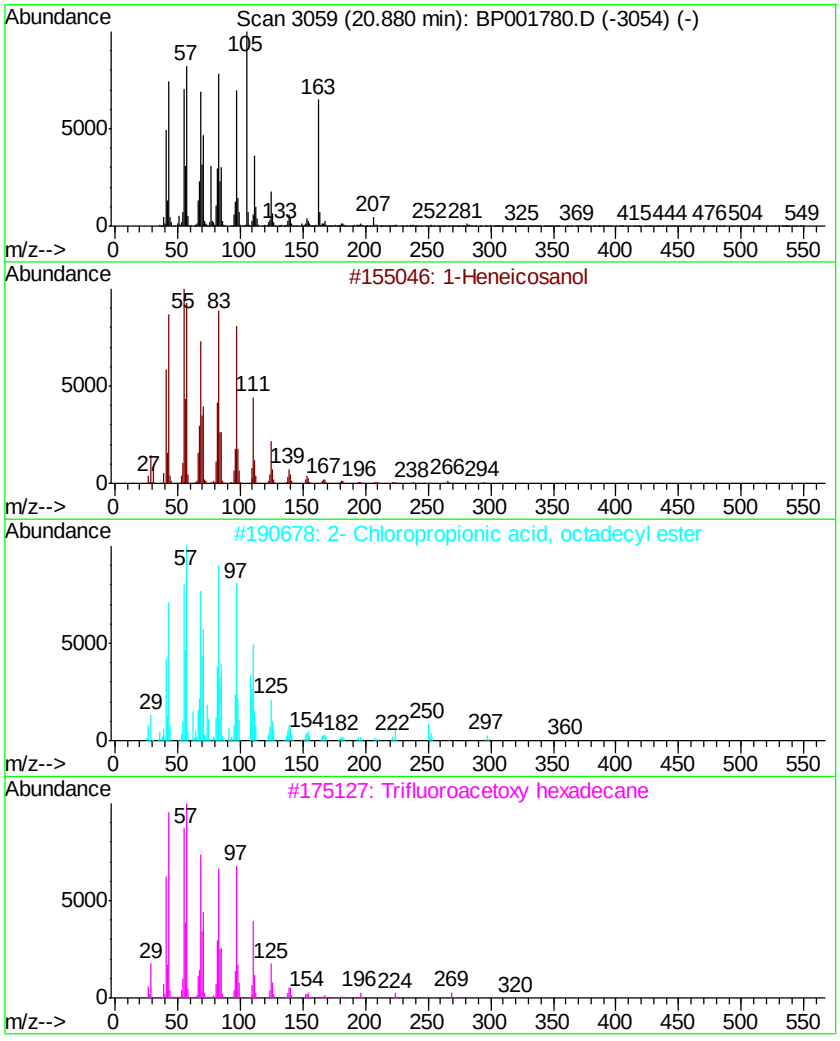
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

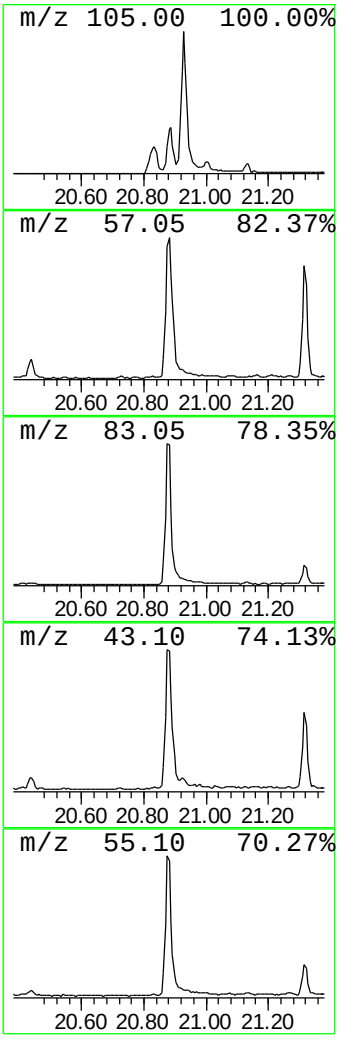
****

Peak Number 2 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	3.35 ng/ul	1047160	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
4	Cyclopentadecane	210	C15H30	000295-48-7	90
5	Behenic alcohol	326	C22H46O	000661-19-8	86





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Misc :
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Instrument : BNA_P
ClientSampleId : C5B10

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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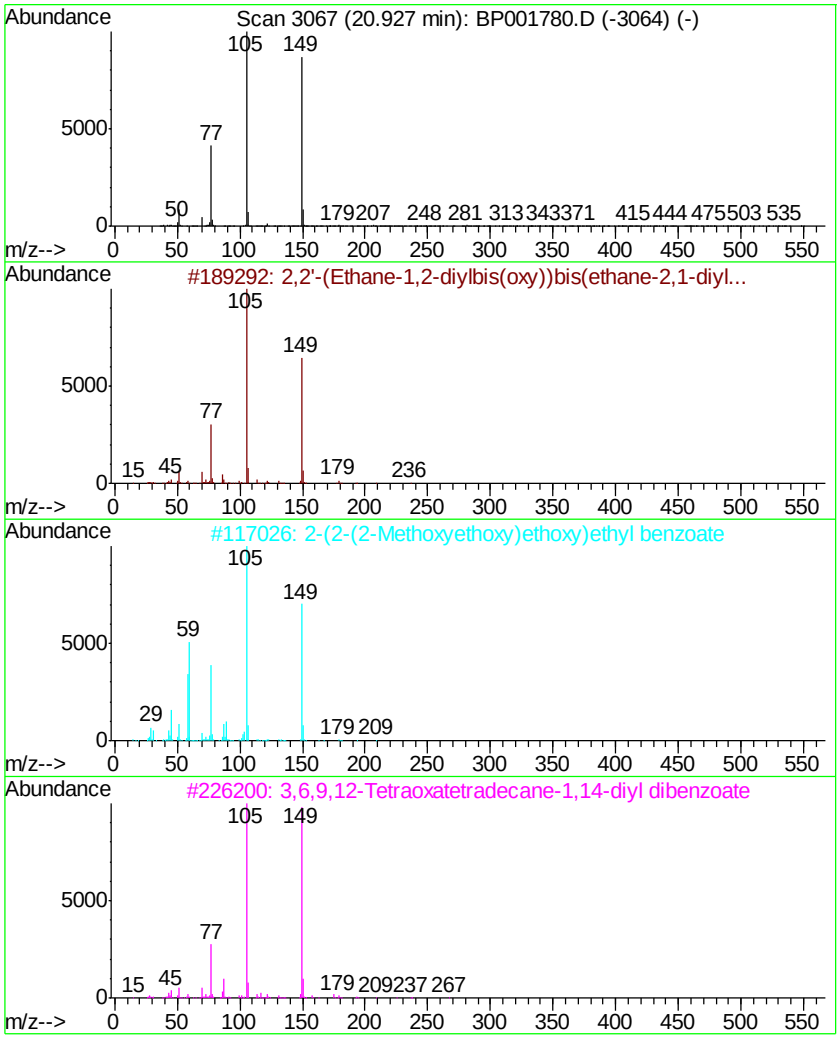
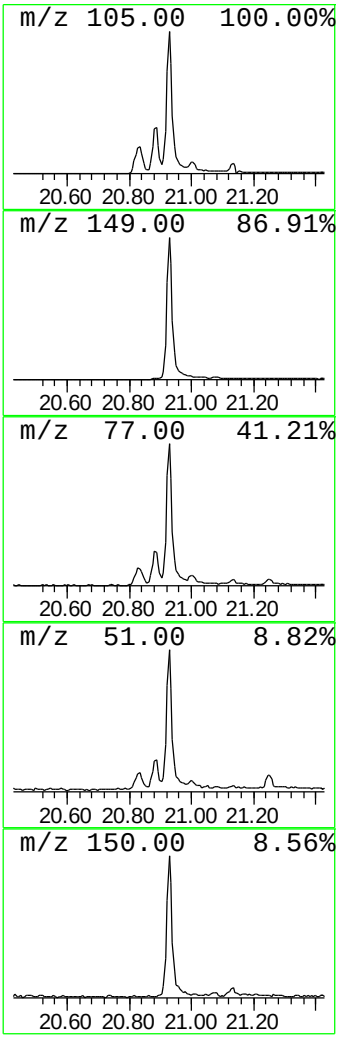
Peak Number 3 2,2'-(Ethane-1,2-diylbis(ox... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.42 ng/ul	755704	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-(Ethane-1,2-divlbis(oxv))bi...	358	C20H22O6	1000366-99-4	83
2	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	74
3	3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	74
4	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	72
5	Benzoic acid, 2-(2-chlorophenoxy...	276	C15H13ClO3	1000368-25-9	64





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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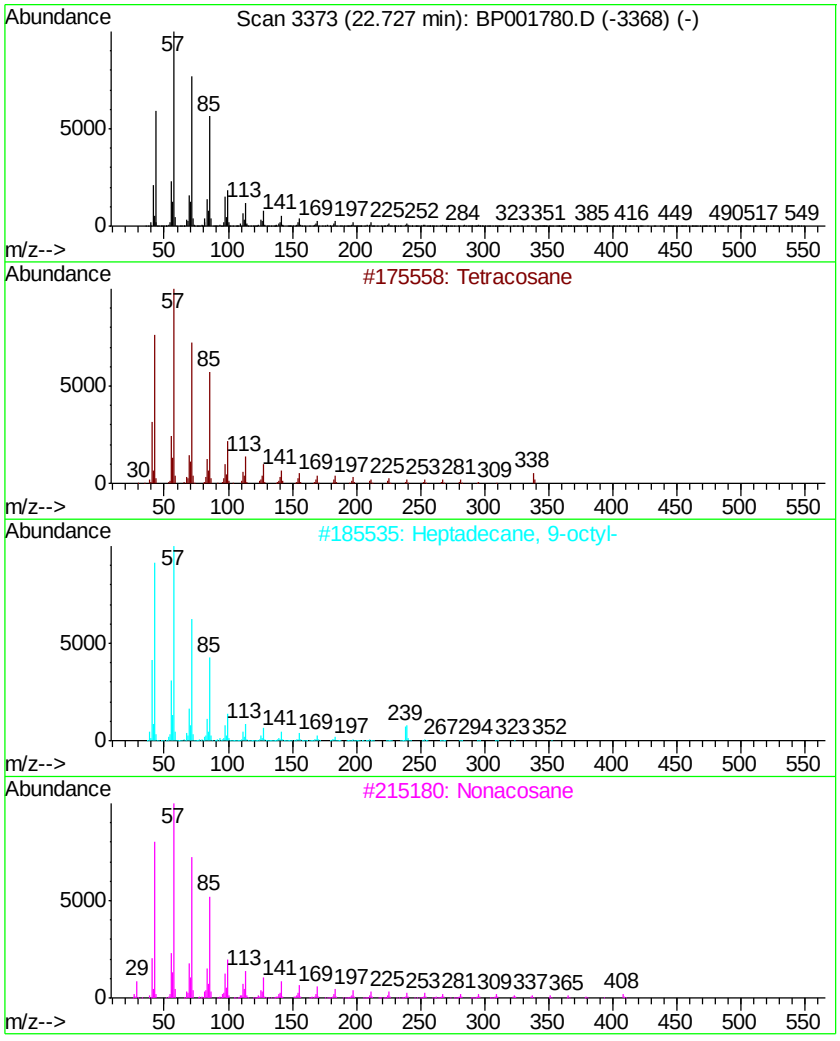
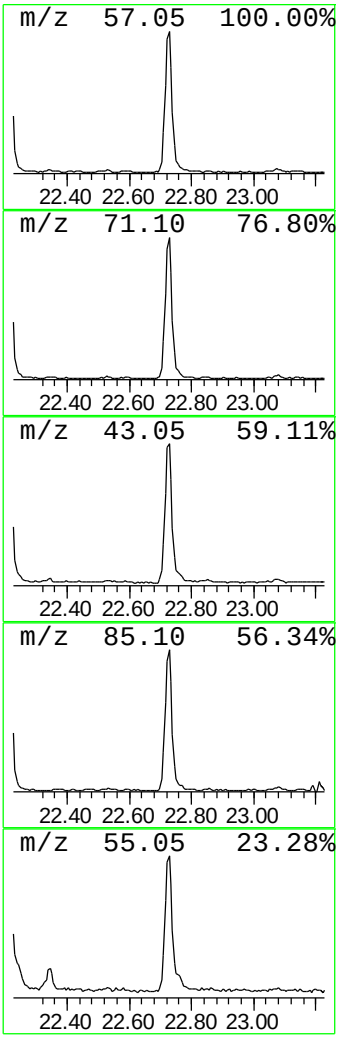
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	2.25 ng/ul	741780	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3	Nonacosane	408	C29H60	000630-03-5	93
4	Octacosane	394	C28H58	000630-02-4	92
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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ClientSampleId : C5B10

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Quant Title : SVOA CALIBRATION

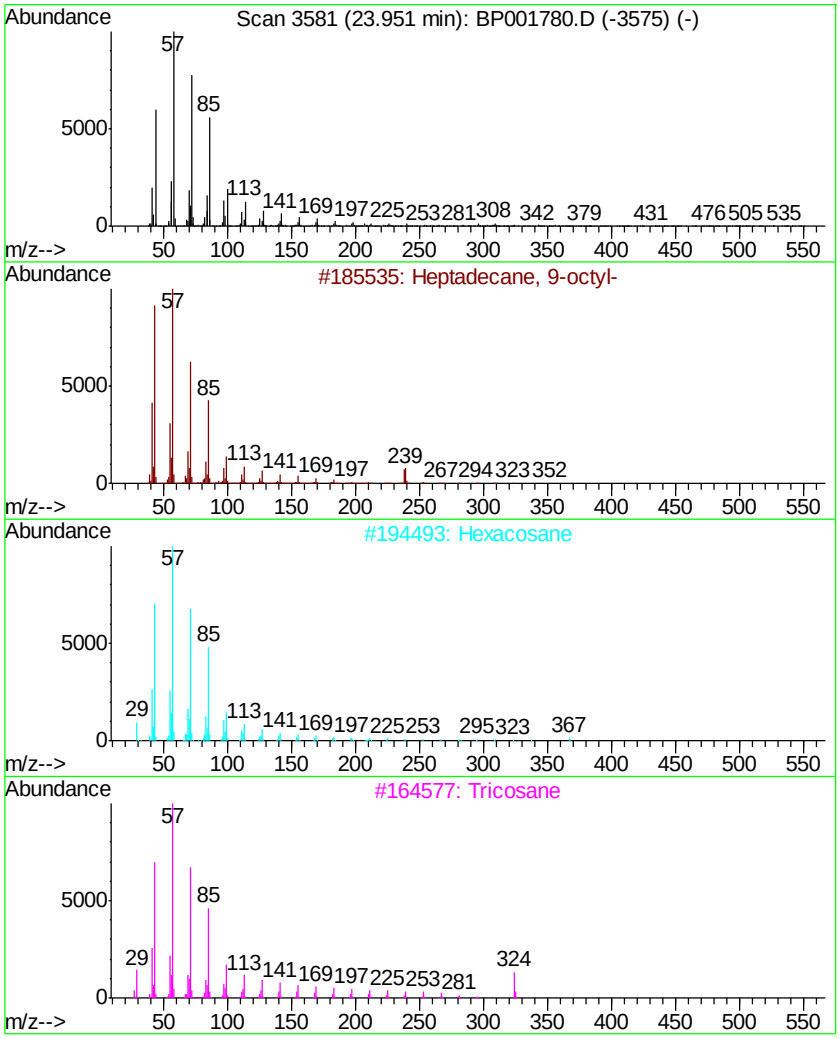
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

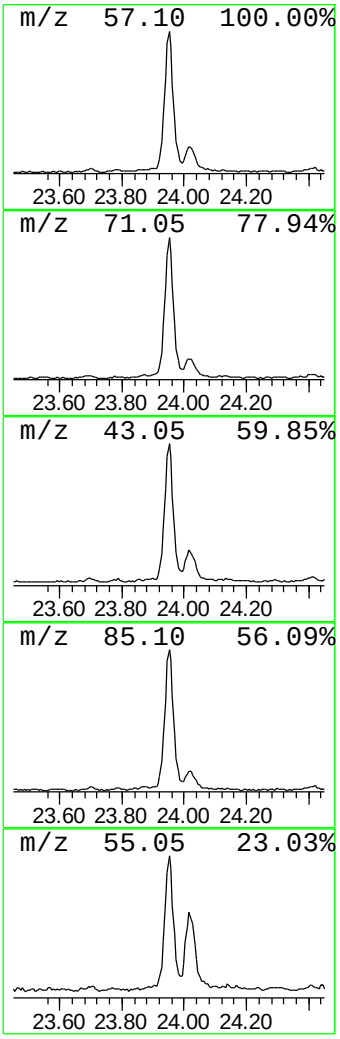
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	2.12 ng/ul	699063	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Hexacosane	366	C26H54	000630-01-3	94
3	Tricosane	324	C23H48	000638-67-5	93
4	Tetracosane	338	C24H50	000646-31-1	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Tentatively Identified Compound (LSC) summary

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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	10.4	ng/ul	1121650	1	7.66	2147710	20.0
1-Heneicosanol	20.88	3.4	ng/ul	1047160	5	21.13	6253050	20.0
2,2'-(Ethane-1,2-...	20.93	2.4	ng/ul	755704	5	21.13	6253050	20.0
(DEL) Alkane: Str...	22.73	2.3	ng/ul	741780	6	23.34	6592400	20.0
(DEL) Alkane: Str...	23.95	2.1	ng/ul	699063	6	23.34	6592400	20.0