LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002270.D
Acq On : 13 May 2020 03:06
Operator : CG/JU
Sample : L2517-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AG7

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: BP002272.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	17	rVB	329861	373546	6.67%	0.518%
2	3.158	43	46	56	rVB	74114	98828	1.76%	0.137%
3	3.428	89	92	98	rBV	18234	24836	0.44%	0.034%
4	3.881	165	169	175	rVB	28012	36857	0.66%	0.051%
5	4.775	318	321	331	rVB5	6476	9430	0.17%	0.013%
6	4.999	355	359	362	rBV4	3719	5861	0.10%	0.008%
7	6.299	576	580	588	rVB9	5830	11488	0.20%	0.016%
8	6.793	657	664	679	rBV	1167288	1823281	32.54%	2.527%
9	6.957	685	692	703	rVB	969999	1489780	26.58%	2.065%
10	7.152	717	725	733	rBV	1190928	1851215	33.03%	2.566%
11	7.228	734	738	750	rVB	50481	92966	1.66%	0.129%
12	7.616	796	804	812	rBV	1261846	1996893	35.63%	2.768%
13	7.693	813	817	824	rVB	21846	33206	0.59%	0.046%
14	8.322	916	924	938	rBV	1399582	2274191	40.58%	3.152%
15	8.751	990	997	1006	rBV	1076570	1757487	31.36%	2.436%
16	8.940	1026	1029	1036	rVB7	7688	11139	0.20%	0.015%
17	9.257	1077	1083	1091	rVB	19671	29498	0.53%	0.041%
18	9.475	1112	1120	1129	rBV	863152	1439392	25.69%	1.995%
19	10.010	1204	1211	1223	rBV	1423446	2290115	40.87%	3.174%
20	10.387	1267	1275	1284	rBV	1829470	2967187	52.95%	4.113%
21	10.516	1290	1297	1317	rBV	1429764	2456889	43.84%	3.405%
22	11.751	1501	1507	1516	rVB	3090	6978	0.12%	0.010%
23	11.898	1529	1532	1540	rVB4	7175	11005	0.20%	0.015%
24	11.981	1540	1546	1557	rVB2	25390	44976	0.80%	0.062%
25	12.198	1575	1583	1587	rVB8	3083	6185	0.11%	0.009%
26	12.881	1695	1699	1706	rVB10	3715	6236	0.11%	0.009%
27	13.122	1735	1740	1744	rBV2	7045	11207	0.20%	0.016%
28	13.181	1745	1750	1754	rBV	21113	31507	0.56%	0.044%
29	13.492	1798	1803	1807	rBV6	3791	6005	0.11%	0.008%
30	13.551	1809	1813	1818	rVV6	5144	6813	0.12%	0.009%
31	13.675	1826	1834	1838	rBV	2353770	3383284	60.37%	4.690%
32	13.716	1838	1841	1848	rVV	898626	1202020	21.45%	1.666%
33	13.763	1848	1849	1856	rVB7	8157	10703	0.19%	0.015%
34	13.945	1868	1880	1891	rBV	2836572	4304204	76.81%	5.966%

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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-BP051220MA.M
Title : SVOA CALIBRATION

35	14.198	1920	1923	1926	rBV	9040	10567	0.19%	0.015%
36	14.257	1926	1933	1945	rVV	2677300	4012188	71.60%	5.561%
37	14.345	1945	1948	1952	rVB6	5867	7827	0.14%	0.011%
38	14.451	1957	1966	1988	rBV	930062	1521985	27.16%	2.110%
39	14.710	2007	2010	2015	rVB6	8496	12201	0.22%	0.017%
40	15.098	2071	2076	2080	rVB3	7577	9957	0.18%	0.014%
41	15.157	2083	2086	2090	rBV6	5773	6723	0.12%	0.009%
42	15.251	2096	2102	2112	rBV	3529164	5101868	91.04%	7.072%
43	15.369	2116	2122	2137	rVV	930847	1267210	22.61%	1.756%
44	15.492	2139	2143	2148	rVB	42326	60333	1.08%	0.084%
45	15.716	2177	2181	2184	rBV6	4122	5872	0.10%	0.008%
46	15.951	2211	2221	2226	rBV	20359	37209	0.66%	0.052%
47	16.045	2230	2237	2244	rVV8	14256	30788	0.55%	0.043%
48	16.692	2342	2347	2351	rVB3	7938	11816	0.21%	0.016%
49	16.792	2358	2364	2374	rBV2	16279	36909	0.66%	0.051%
50	17.010	2393	2401	2410	rBV	3107905	4561099	81.39%	6.322%
51	17.104	2411	2417	2429	rVV2	3620179	5153343	91.96%	7.143%
52	17.563	2490	2495	2498	rBV6	4765	7853	0.14%	0.011%
53	17.939	2554	2559	2566	rBV	244725	362097	6.46%	0.502%
54	18.233	2607	2609	2612	rVB4	6858	5803	0.10%	0.008%
55	18.769	2697	2700	2706	rBV7	6185	9909	0.18%	0.014%
56	18.851	2710	2714	2718	rVB3	10325	12148	0.22%	0.017%
57	18.998	2735	2739	2743	rBV	42776	55442	0.99%	0.077%
58	19.174	2766	2769	2776	rBV2	41346	59795	1.07%	0.083%
59	19.239	2776	2780	2786	rVB	40032	60353	1.08%	0.084%
60	19.351	2791	2799	2806	rBV2	4261072	5603928	100.00%	7.767%
61	19.410	2806	2809	2812	rVV	27507	39693	0.71%	0.055%
62	19.439	2812	2814	2821	rVB5	15889	20459	0.37%	0.028%
63	19.886	2887	2890	2894	rBV3	20328	25791	0.46%	0.036%
64	19.927	2894	2897	2902	rVB3	37207	44125	0.79%	0.061%
65	20.416	2976	2980	2983	rVB	59070	61762	1.10%	0.086%
66	20.851	3050	3054	3068	rBV	809584	1152701	20.57%	1.598%
67	21.051	3085	3088	3091	rBV	44791	47647	0.85%	0.066%
68	21.104	3091	3097	3108	rBV	3017481	3869110	69.04%	5.363%
69	21.292	3125	3129	3136	rBV	193772	225075	4.02%	0.312%
70	21.727	3199	3203	3210	rBV	239627	312956	5.58%	0.434%
71	22.186	3277	3281	3291	rVB	254668	366159	6.53%	0.508%

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Misc :
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Instrument : BNA_P
ClientSampleId : C0AG7

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-BP051220MA.M
Title : SVOA CALIBRATION

72	22.692	3363	3367	3378	rVB	254907	373106	6.66%	0.517%
73	23.162	3440	3447	3456	rBV	1970500	3563643	63.59%	4.939%
74	23.298	3459	3470	3480	rVV2	1661761	3436792	61.33%	4.764%
75	23.909	3570	3574	3580	rVB	158856	279431	4.99%	0.387%
76	24.656	3698	3701	3710	rVB2	97019	196958	3.51%	0.273%

Sum of corrected areas: 72145839

LSC Report - Integrated Chromatogram

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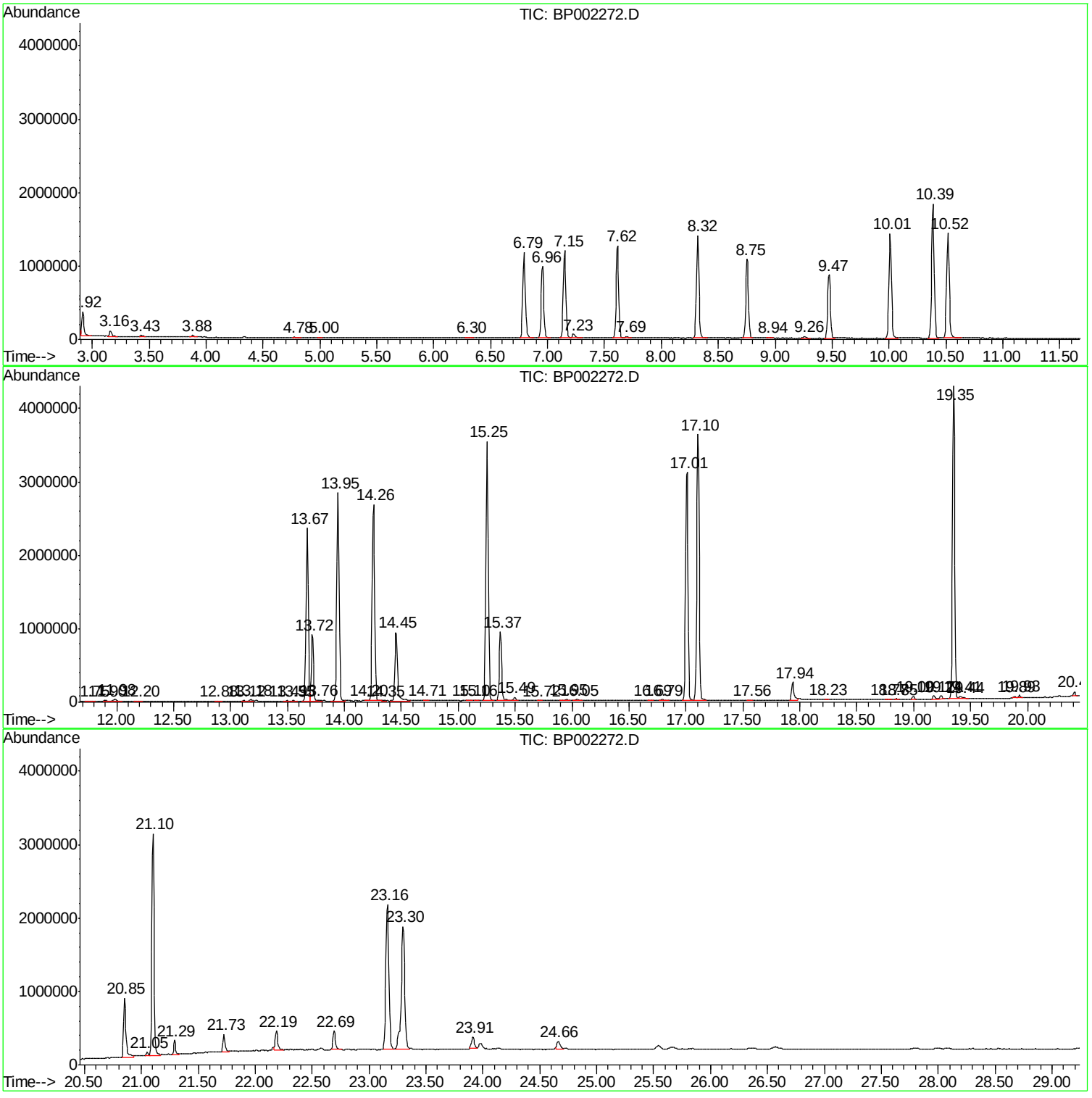
Data File : BP002270.D
Acq On : 13 May 2020 03:06
Operator : CG/JU
Sample : L2517-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AG7

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 : BP002270.D
Acq On : 13 May 2020 03:06
Operator : CG/JU
Sample : L2517-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AG7

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

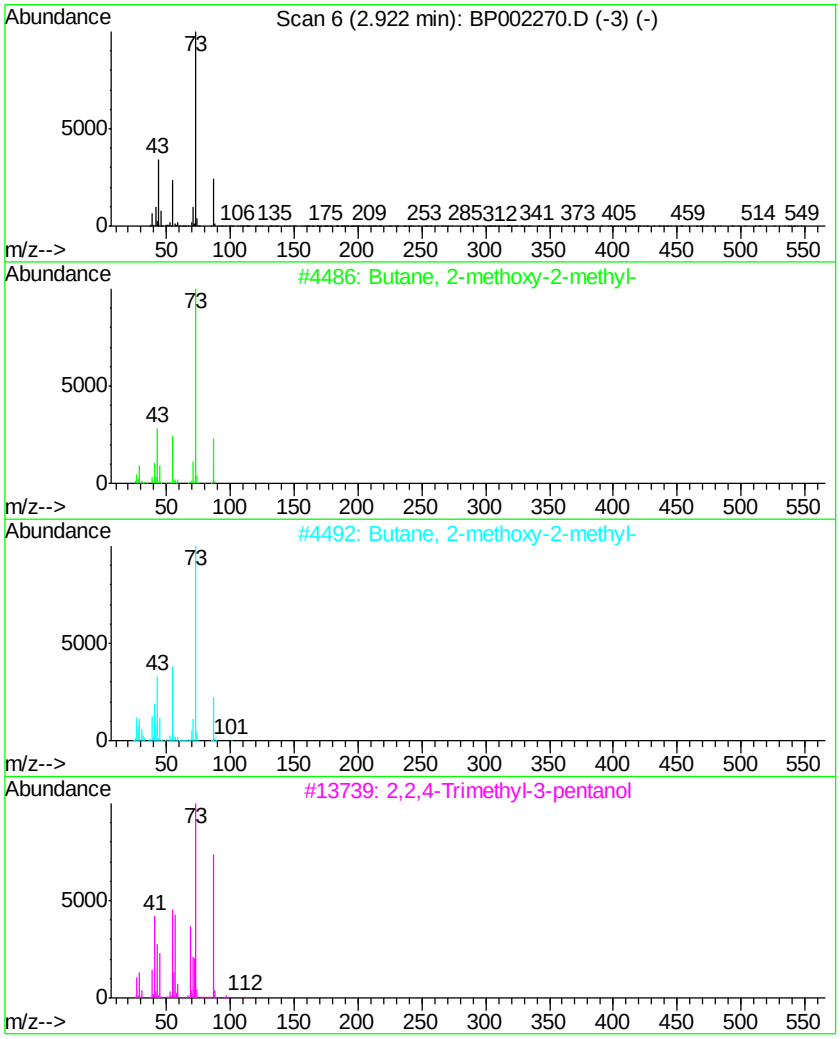
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

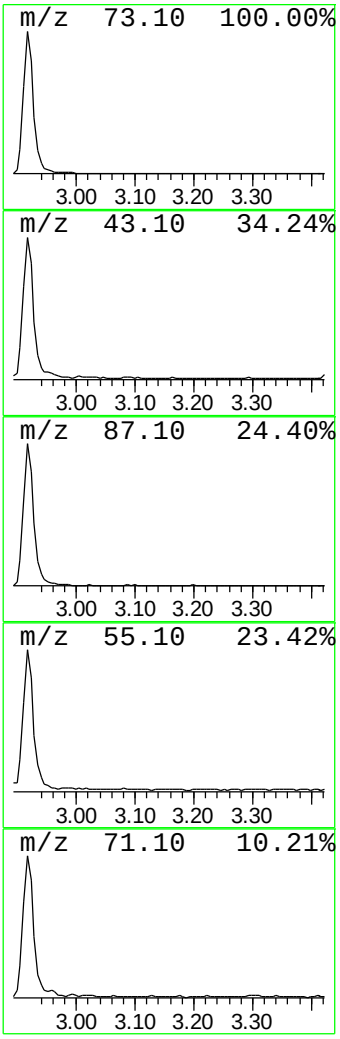
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	3.74 ng/ul	373546	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	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002270.D
Acq On : 13 May 2020 03:06
Operator : CG/JU
Sample : L2517-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AG7

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

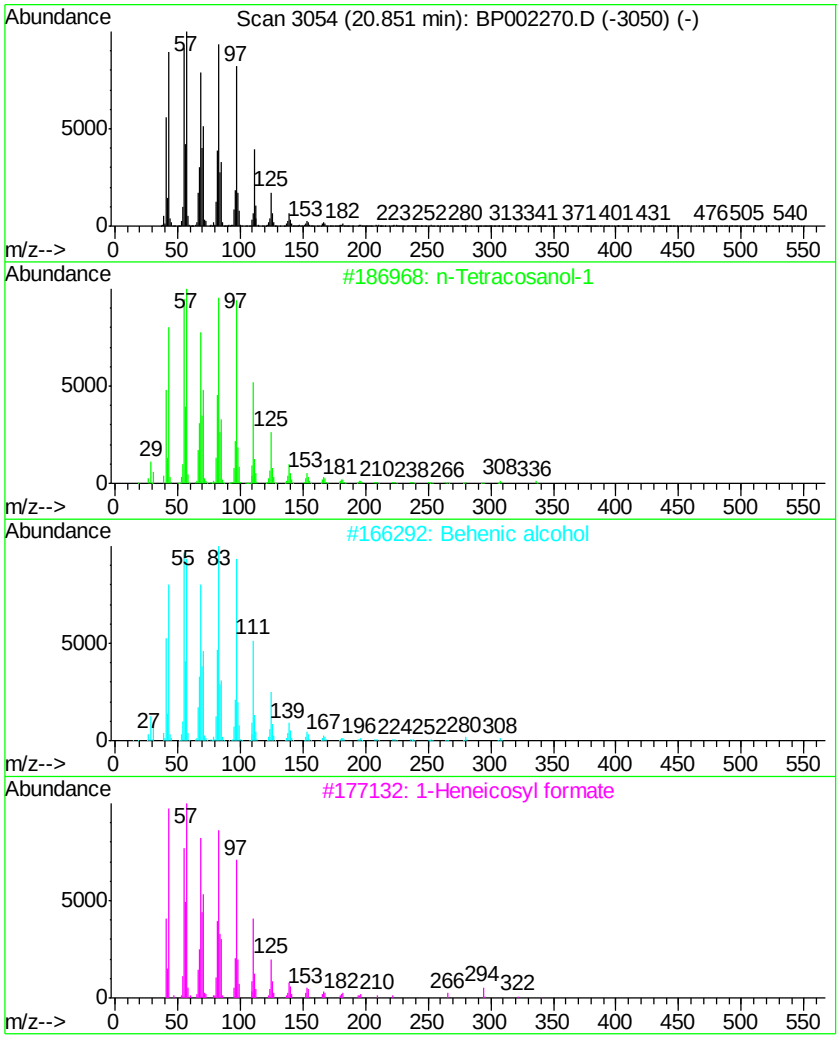
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

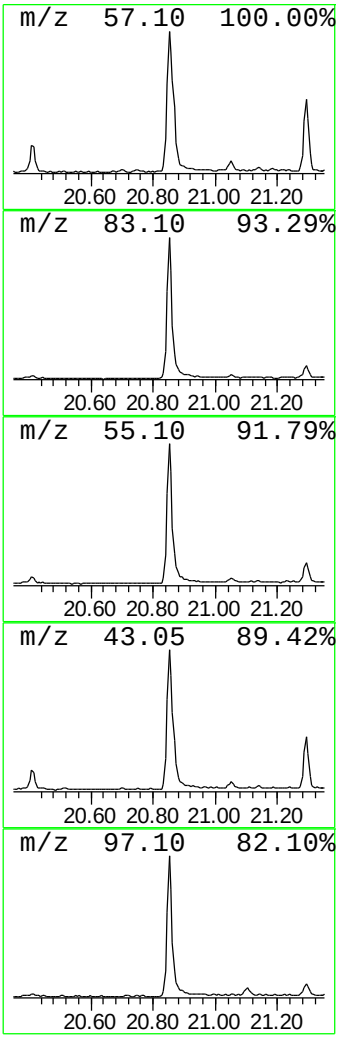
****

Peak Number 2 n-Tetracosanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	5.96 ng/ul	1152700	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP051220\
Data File : BP002270.D
Acq On : 13 May 2020 03:06
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AG7

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

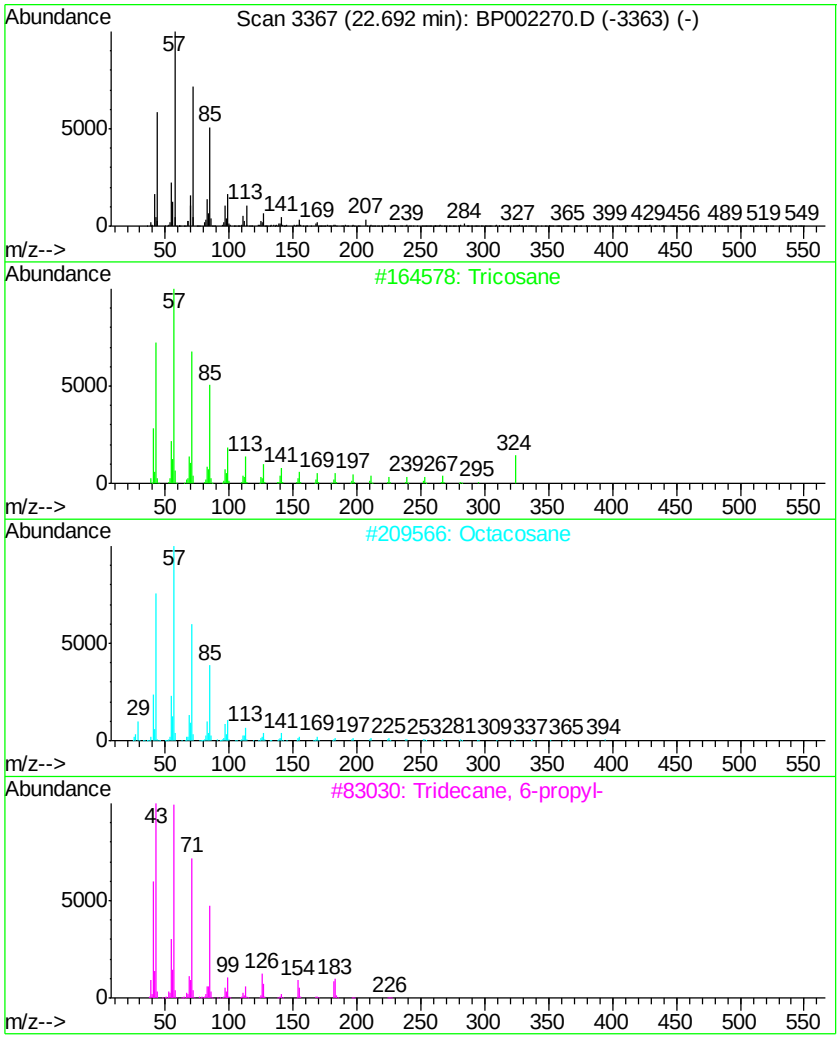
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

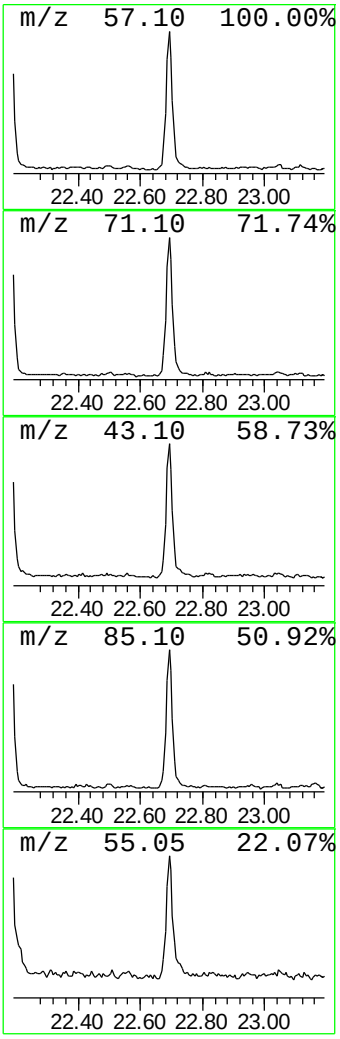
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	2.17 ng/ul	373106	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
4	Hexatriacontane	507	C36H74	000630-06-8	87
5	Heneicosane	296	C21H44	000629-94-7	87





Tentatively Identified Compound (LSC) summary

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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	3.7	ng/ul	373546	1	7.62	1996890	20.0
n-Tetracosanol-1	20.85	6.0	ng/ul	1152700	5	21.10	3869110	20.0
(DEL) Alkane: Str...	22.69	2.2	ng/ul	373106	6	23.30	3436790	20.0