LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036598.D
Acq On : 20 Sep 2022 02:00
Operator : CG/JU
Sample : N4576-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB8F6

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_M\Methods\SFAM-EPA-BM091522.M
Title : SVOA CALIBRATION

Signal : TIC: BM036598.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.122	3	6	31	rVB	6131942	8847382	78.57%	8.409%
2	3.393	48	52	60	rVB	81333	120665	1.07%	0.115%
3	3.822	122	125	141	rBV	286763	467047	4.15%	0.444%
4	4.063	161	166	171	rBV	35206	52232	0.46%	0.050%
5	4.163	179	183	190	rVB	24465	38282	0.34%	0.036%
6	6.993	656	664	665	rBV7	8412	14885	0.13%	0.014%
7	7.175	689	695	706	rVB	330735	565389	5.02%	0.537%
8	7.351	718	725	735	rBV	1316783	2030519	18.03%	1.930%
9	7.551	750	759	767	rBV	1244477	1931942	17.16%	1.836%
10	7.622	767	771	782	rVB2	27265	52165	0.46%	0.050%
11	8.028	832	840	847	rBV	1261880	2040841	18.12%	1.940%
12	8.093	847	851	859	rVB4	10304	18727	0.17%	0.018%
13	8.728	952	959	969	rBV	997430	1582125	14.05%	1.504%
14	9.187	1030	1037	1047	rBV	1498158	2463084	21.87%	2.341%
15	9.292	1048	1055	1059	rVV3	18233	35037	0.31%	0.033%
16	9.357	1061	1066	1070	rVV6	9017	15012	0.13%	0.014%
17	9.628	1104	1112	1119	rVB4	17570	43108	0.38%	0.041%
18	9.916	1152	1161	1168	rBV	1135814	1817020	16.14%	1.727%
19	10.451	1242	1252	1264	rBV	1849013	3048927	27.08%	2.898%
20	10.610	1274	1279	1287	rBV	311742	475339	4.22%	0.452%
21	10.839	1308	1318	1325	rBV	1901115	3167820	28.13%	3.011%
22	10.969	1332	1340	1356	rBV	1230610	2064194	18.33%	1.962%
23	11.239	1382	1386	1391	rVB9	6069	12789	0.11%	0.012%
24	11.481	1424	1427	1437	rVB5	9596	20489	0.18%	0.019%
25	11.628	1445	1452	1454	rBV8	16712	33573	0.30%	0.032%
26	11.657	1454	1457	1465	rVV3	23524	47662	0.42%	0.045%
27	11.728	1465	1469	1474	rVV8	12855	21874	0.19%	0.021%
28	11.775	1474	1477	1484	rVB6	12687	20804	0.18%	0.020%
29	12.116	1530	1535	1542	rVB	14002	24287	0.22%	0.023%
30	12.416	1581	1586	1593	rVB	36722	61493	0.55%	0.058%
31	12.651	1620	1626	1631	rVB4	9264	21509	0.19%	0.020%
32	13.022	1684	1689	1695	rBV4	13330	25403	0.23%	0.024%
33	13.275	1726	1732	1737	rBV6	13532	22663	0.20%	0.022%
34	13.486	1764	1768	1773	rVB6	11419	18988	0.17%	0.018%
35	13.557	1776	1780	1786	rVB7	14191	21578	0.19%	0.021%
36	13.627	1786	1792	1796	rBV8	8544	17715	0.16%	0.017%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Stop Thrs : 0 Peak Location: TOP

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Title : SVOA CALIBRATION

37	14.063	1859	1866	1877	rBV	3813808	5269399	46.80%	5.008%
38	14.180	1881	1886	1891	rVB8	6765	14517	0.13%	0.014%
39	14.298	1901	1906	1907	rBV3	19102	23675	0.21%	0.023%
40	14.345	1907	1914	1924	rVB	4334482	6157402	54.68%	5.852%
41	14.551	1946	1949	1953	rVB5	11602	15293	0.14%	0.015%
42	14.651	1959	1966	1975	rBV	3005973	4307552	38.26%	4.094%
43	14.822	1989	1995	2009	rBV	347959	529007	4.70%	0.503%
44	14.986	2018	2023	2031	rVB10	10272	23093	0.21%	0.022%
45	15.057	2031	2035	2040	rBV7	22546	31164	0.28%	0.030%
46	15.386	2085	2091	2095	rBV2	9575	15218	0.14%	0.014%
47	15.451	2097	2102	2107	rVV2	24925	42956	0.38%	0.041%
48	15.498	2107	2110	2117	rVB5	12522	14964	0.13%	0.014%
49	15.639	2127	2134	2145	rBV	5680821	8034168	71.35%	7.636%
50	15.745	2145	2152	2162	rBV	1547165	2098065	18.63%	1.994%
51	15.874	2171	2174	2180	rVB	52554	76811	0.68%	0.073%
52	16.080	2206	2209	2215	rVB7	17189	24857	0.22%	0.024%
53	16.321	2245	2250	2254	rBV4	14118	24688	0.22%	0.023%
54	16.357	2254	2256	2261	rVV5	10318	14167	0.13%	0.013%
55	16.416	2262	2266	2273	rVB6	20430	31218	0.28%	0.030%
56	16.886	2342	2346	2351	rVB3	21298	28208	0.25%	0.027%
57	17.145	2386	2390	2393	rBV4	34396	47360	0.42%	0.045%
58	17.310	2415	2418	2423	rVB6	11675	14745	0.13%	0.014%
59	17.386	2424	2431	2441	rBV	3565467	4991739	44.33%	4.744%
60	17.486	2441	2448	2461	rVV	6542943	9344868	82.99%	8.882%
61	17.762	2491	2495	2502	rVB8	10677	23548	0.21%	0.022%
62	17.886	2514	2516	2519	rBV4	11248	12170	0.11%	0.012%
63	18.062	2541	2546	2550	rVB	65358	82179	0.73%	0.078%
64	18.280	2578	2583	2592	rBV	229717	372776	3.31%	0.354%
65	18.351	2592	2595	2599	rVB	32969	45858	0.41%	0.044%
66	19.162	2730	2733	2737	rVB5	27346	33340	0.30%	0.032%
67	19.333	2758	2762	2766	rBV2	89391	115187	1.02%	0.109%
68	19.398	2769	2773	2777	rBV	93405	135214	1.20%	0.129%
69	19.545	2794	2798	2807	rBV	166555	276311	2.45%	0.263%
70	19.698	2821	2824	2829	rVB4	49404	55855	0.50%	0.053%
71	19.768	2829	2836	2848	rBV	8246045	11259896	100.00%	10.702%
72	20.762	3002	3005	3011	rVB	212626	217323	1.93%	0.207%
73	21.262	3086	3090	3097	rBV	472372	640601	5.69%	0.609%
74	21.551	3133	3139	3150	rBV	3923156	5439868	48.31%	5.170%
75	23.833	3520	3527	3535	rBV2	4891270	9449896	83.93%	8.981%
76	23.992	3547	3554	3564	rVB2	2299829	4618714	41.02%	4.390%

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Title : SVOA CALIBRATION

Sum of corrected areas: 105216439

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Misc :
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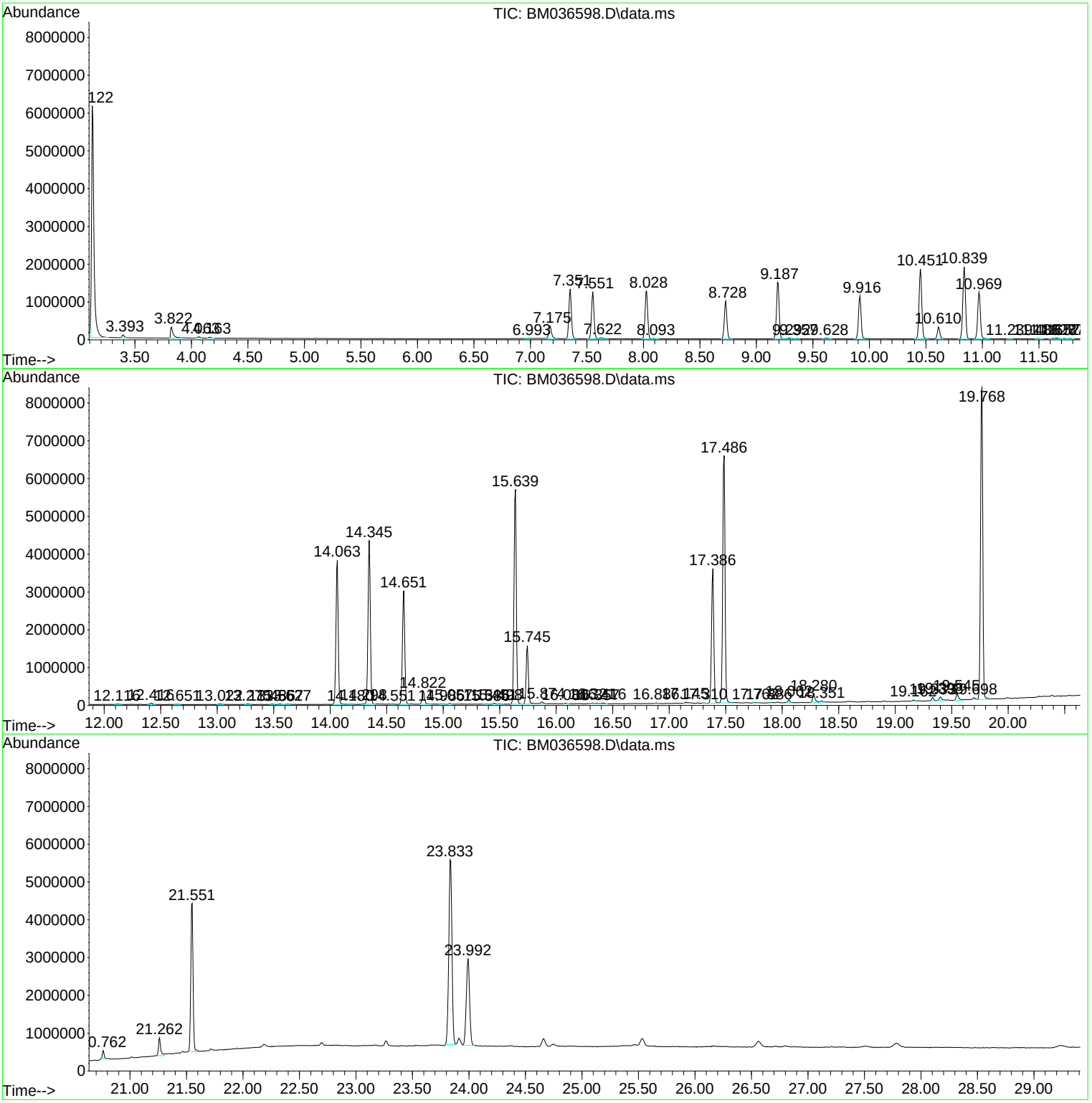
Instrument :
BNA_M
ClientSampleId :
CB8F6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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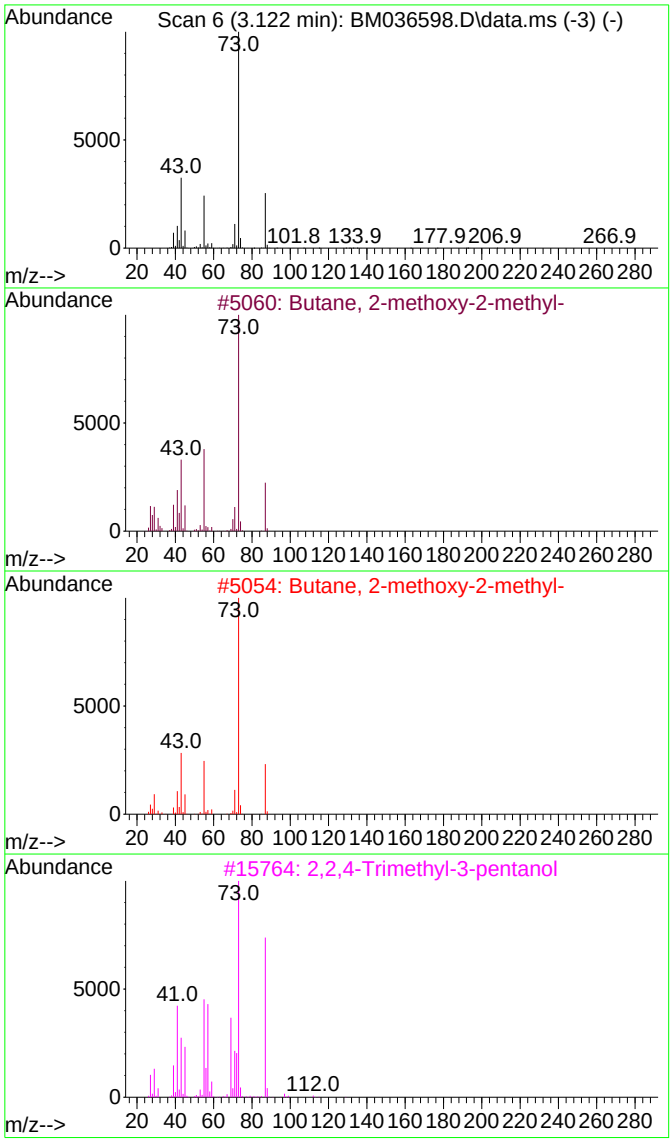
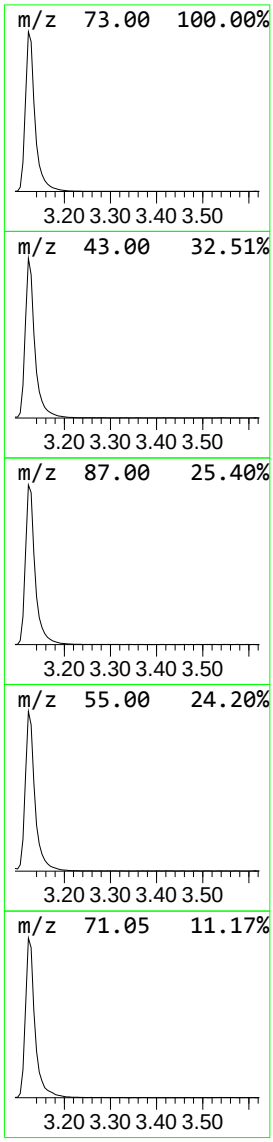
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.122	86.70 ng/ul	8847380	1,4-Dichlorobenzene-d4	8.028

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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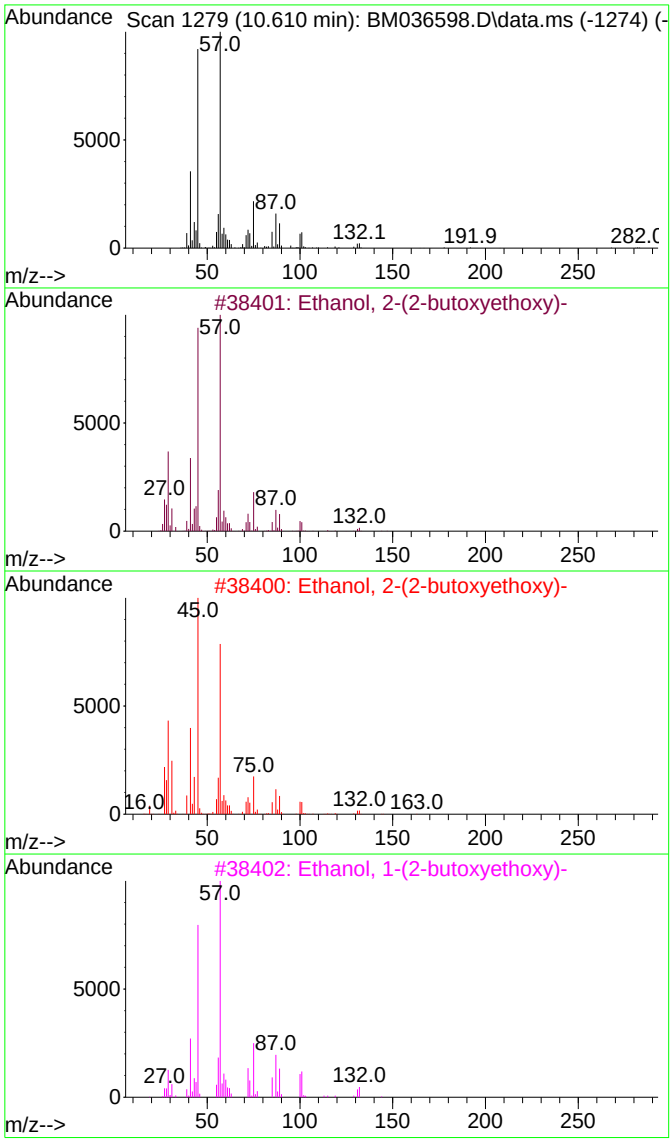
Quant Title : SVOA CALIBRATION

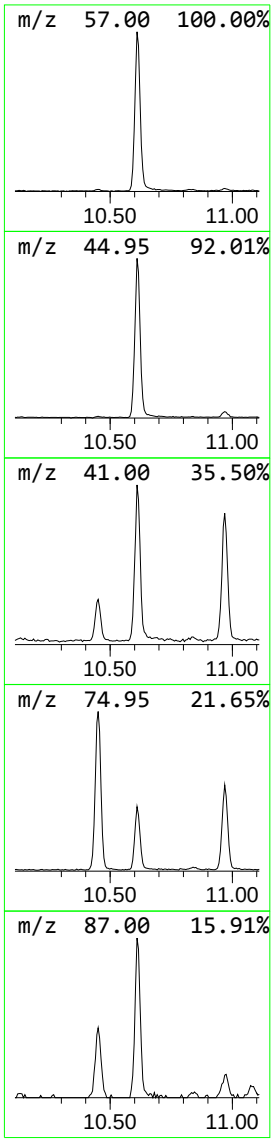
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	3.00 ng/ul	475339	Naphthalene-d8	10.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83





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Instrument :
BNA_M
ClientSampleId :
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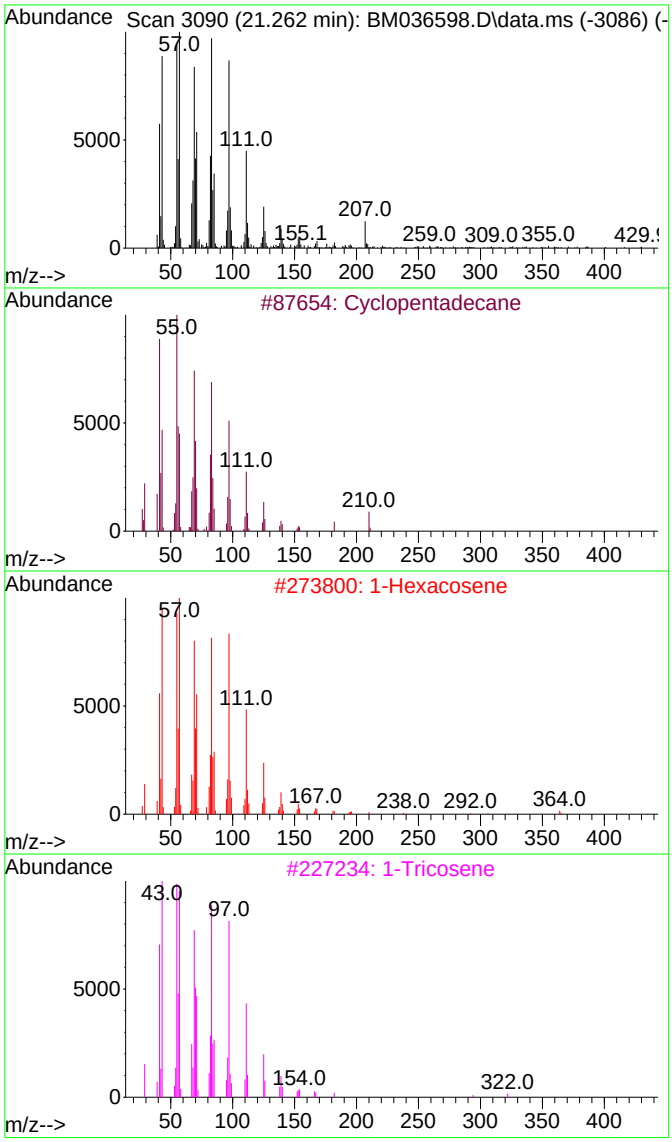
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

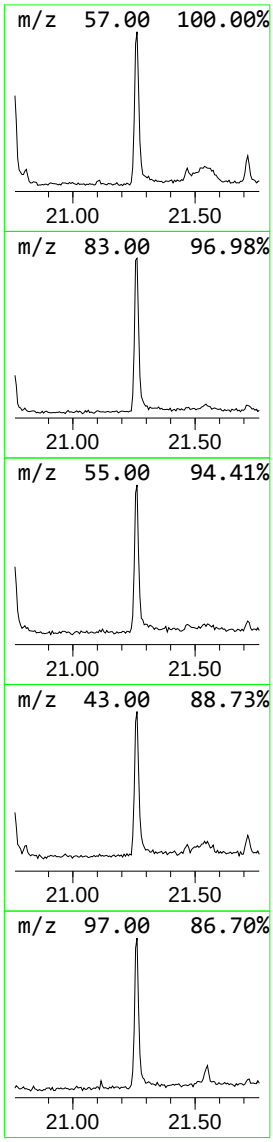
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic21.262 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.262	2.36 ng/ul	640601	Chrysene-d12	21.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	1-Hexacosene	364	C26H52	018835-33-1	95
3	1-Tricosene	322	C23H46	018835-32-0	95
4	Nonacos-1-ene	406	C29H58	018835-35-3	95
5	Pentacos-1-ene	350	C25H50	016980-85-1	94





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.122	86.7	ng/ul	8847380	1	8.028	2040840	20.0
Ethanol, 2-(2-b...	10.610	3.0	ng/ul	475339	2	10.839	3167820	20.0
(DEL) Alkane: C...	21.262	2.4	ng/ul	640601	5	21.551	5439870	20.0