LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030223\
Data File : BM038837.D
Acq On : 02 Mar 2023 15:36
Operator : CG/JU
Sample : 01710-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBAA0

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-BM022823.M
Title : SVOA CALIBRATION

Signal : TIC: BM038837.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.116	3	5	25	rVB	1020050	1234930	25.46%	2.386%
2	3.381	46	50	61	rVB	45896	66454	1.37%	0.128%
3	3.805	119	122	141	rBV	497971	769585	15.87%	1.487%
4	4.052	161	164	168	rVB3	6221	8521	0.18%	0.016%
5	4.146	177	180	186	rVB	15569	23848	0.49%	0.046%
6	4.252	193	198	205	rVB10	5695	12015	0.25%	0.023%
7	5.081	334	339	347	rBV2	19432	36090	0.74%	0.070%
8	7.157	685	692	704	rVV	702514	1079947	22.27%	2.087%
9	7.334	716	722	731	rVB	595108	911204	18.79%	1.761%
10	7.534	747	756	766	rBV	685116	1061804	21.89%	2.052%
11	8.010	830	837	844	rBV	829868	1292506	26.65%	2.498%
12	8.075	844	848	852	rVV5	5367	7470	0.15%	0.014%
13	8.710	950	956	970	rBV	853079	1327601	27.37%	2.565%
14	9.175	1027	1035	1045	rBV	631727	991998	20.45%	1.917%
15	9.345	1060	1064	1068	rVB6	4763	7460	0.15%	0.014%
16	9.616	1104	1110	1116	rVB3	11566	19646	0.41%	0.038%
17	9.898	1149	1158	1169	rBV	413846	688909	14.20%	1.331%
18	10.439	1241	1250	1259	rBV	818294	1313763	27.09%	2.539%
19	10.828	1308	1316	1324	rVB	1169608	1907539	39.33%	3.686%
20	10.957	1332	1338	1347	rBV	901435	1461164	30.13%	2.824%
21	12.257	1554	1559	1563	rVB8	4099	8339	0.17%	0.016%
22	12.404	1580	1584	1589	rBV2	14355	21114	0.44%	0.041%
23	13.145	1707	1710	1714	rVB5	4771	6078	0.13%	0.012%
24	13.480	1763	1767	1774	rVB	21275	27835	0.57%	0.054%
25	13.551	1774	1779	1785	rVV5	9703	14516	0.30%	0.028%
26	13.622	1787	1791	1796	rVB7	4140	7008	0.14%	0.014%
27	14.057	1859	1865	1875	rBV	1645767	2241882	46.23%	4.332%
28	14.139	1875	1879	1882	rVV6	4716	7886	0.16%	0.015%
29	14.175	1884	1885	1893	rVB4	5512	8514	0.18%	0.016%
30	14.339	1902	1913	1923	rBV	1851015	2648375	54.61%	5.118%
31	14.551	1944	1949	1954	rBV2	16918	22954	0.47%	0.044%
32	14.645	1957	1965	1975	rBV	1780779	2549459	52.57%	4.927%
33	14.822	1988	1995	2009	rBV	653419	949644	19.58%	1.835%
34	15.057	2030	2035	2039	rBV6	9759	12539	0.26%	0.024%
35	15.439	2096	2100	2106	rBV6	4628	9504	0.20%	0.018%
36	15.498	2106	2110	2115	rBB6	6309	7449	0.15%	0.014%

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Misc :
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Instrument :
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ClientSampleId :
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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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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Title : SVOA CALIBRATION

37	15.633	2127	2133	2141	rBV	2442178	3417189	70.46%	6.603%
38	15.739	2145	2151	2161	rBV	459282	630164	12.99%	1.218%
39	15.874	2170	2174	2178	rBV4	9354	13025	0.27%	0.025%
40	15.998	2189	2195	2201	rBV	368997	486356	10.03%	0.940%
41	17.163	2388	2393	2394	rBV5	5258	6770	0.14%	0.013%
42	17.386	2425	2431	2440	rBV	2189879	3015472	62.18%	5.827%
43	17.486	2441	2448	2459	rVV	2746955	3737975	77.08%	7.223%
44	17.574	2459	2463	2468	rVB4	21870	37229	0.77%	0.072%
45	18.063	2544	2546	2551	rBV6	4098	6924	0.14%	0.013%
46	18.286	2579	2584	2593	rBV	164245	238846	4.92%	0.462%
47	19.339	2759	2763	2767	rBV2	30212	39895	0.82%	0.077%
48	19.409	2772	2775	2778	rBV	29117	34501	0.71%	0.067%
49	19.557	2797	2800	2806	rBV4	62213	87021	1.79%	0.168%
50	19.774	2831	2837	2845	rBV	3445213	4456391	91.89%	8.612%
51	20.780	3004	3008	3013	rBV	212808	231695	4.78%	0.448%
52	21.280	3089	3093	3103	rBV2	263918	382038	7.88%	0.738%
53	21.562	3136	3141	3147	rBV	2530732	3386939	69.84%	6.545%
54	23.862	3525	3532	3544	rBV2	2448761	4849789	100.00%	9.372%
55	24.021	3552	3559	3570	rVB2	1944368	3925445	80.94%	7.586%

Sum of corrected areas: 51749214

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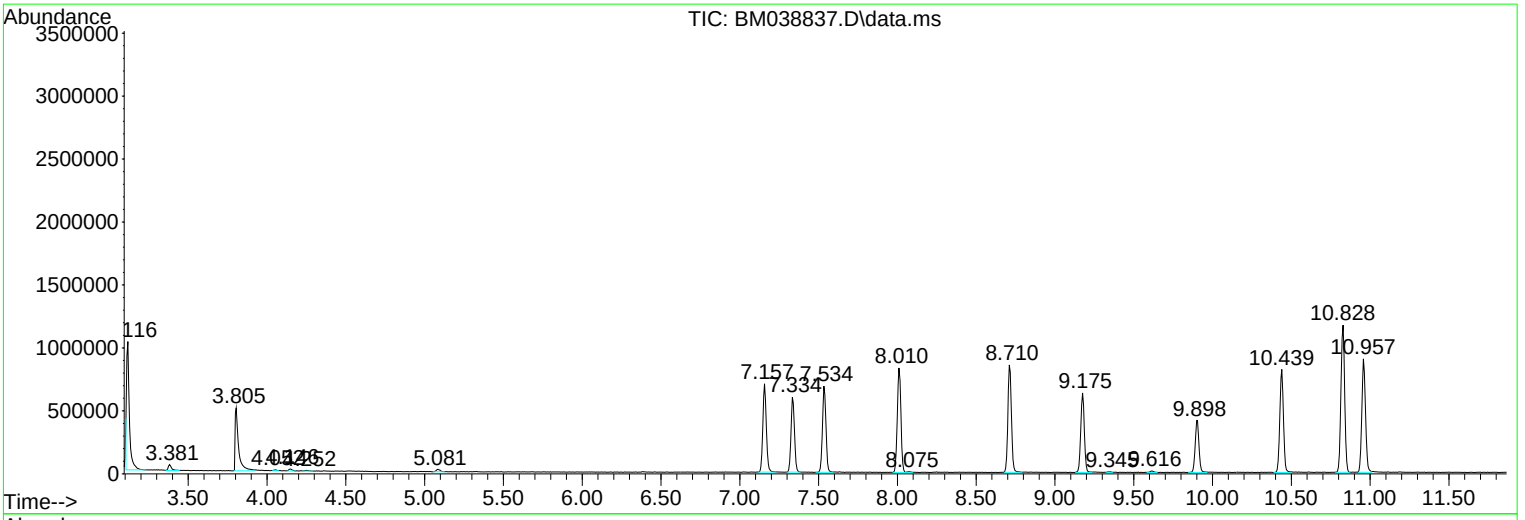
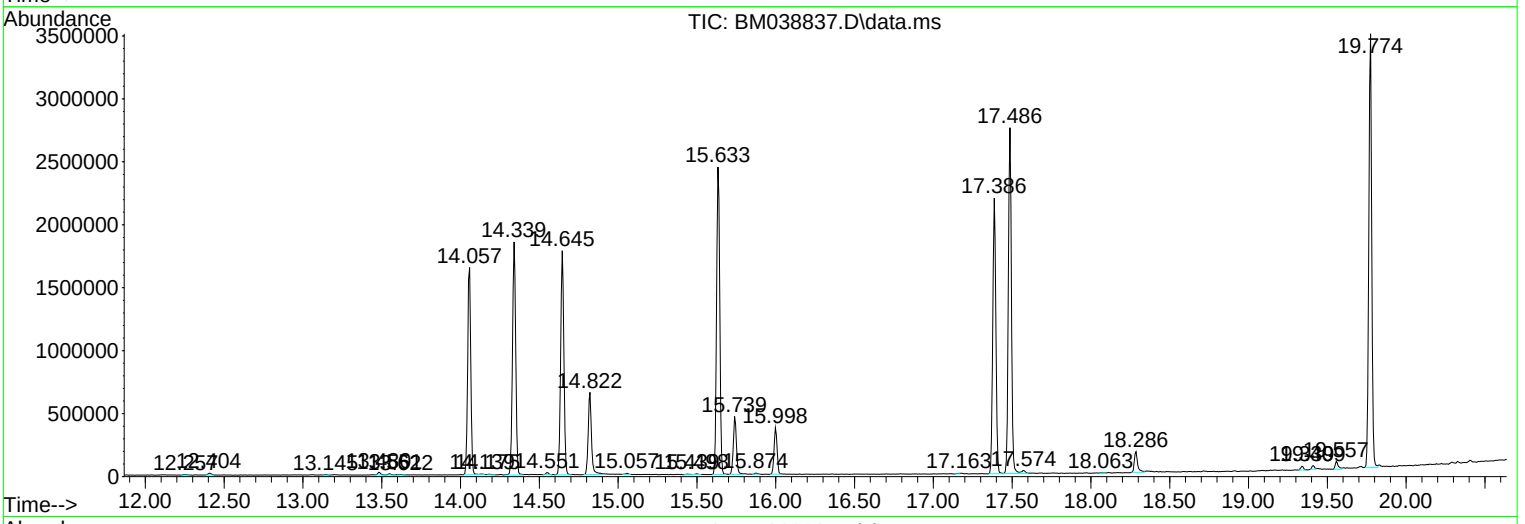
ALS Vial : 9 Sample Multiplier: 1

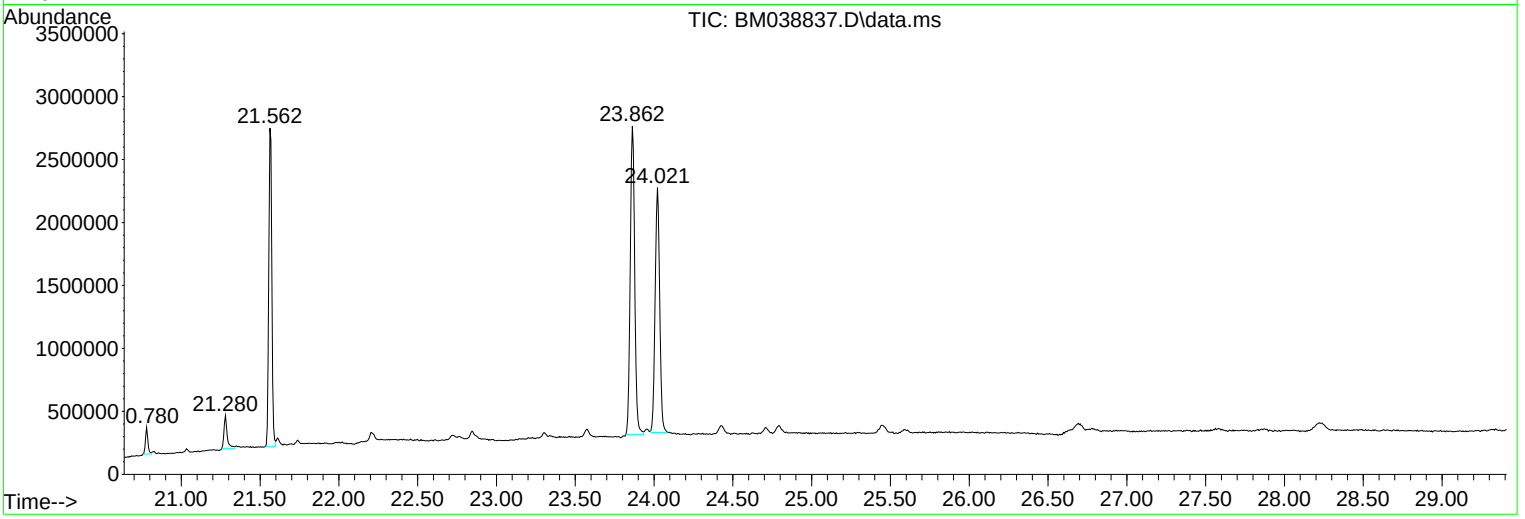
Instrument :
BNA_M
ClientSampleId :
DBAA0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

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







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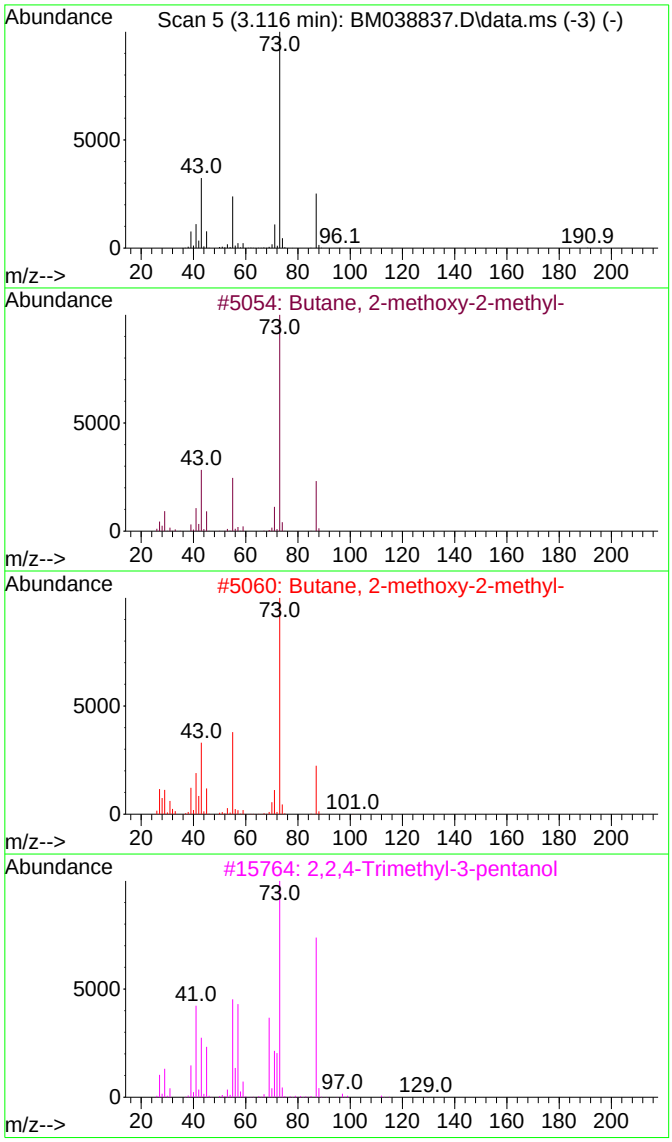
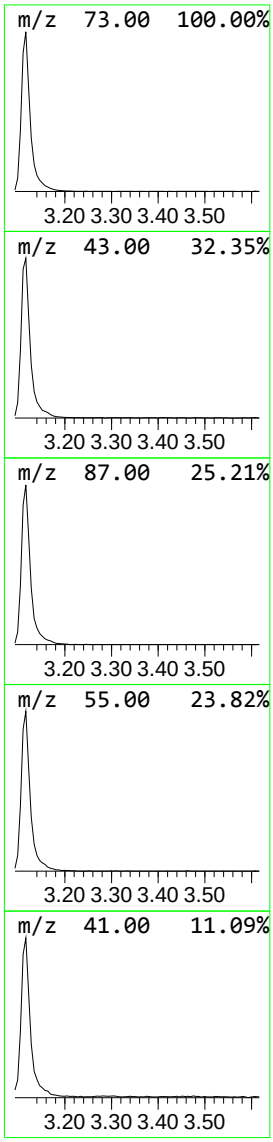
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.116	19.11 ng/ul	1234930	1,4-Dichlorobenzene-d4	8.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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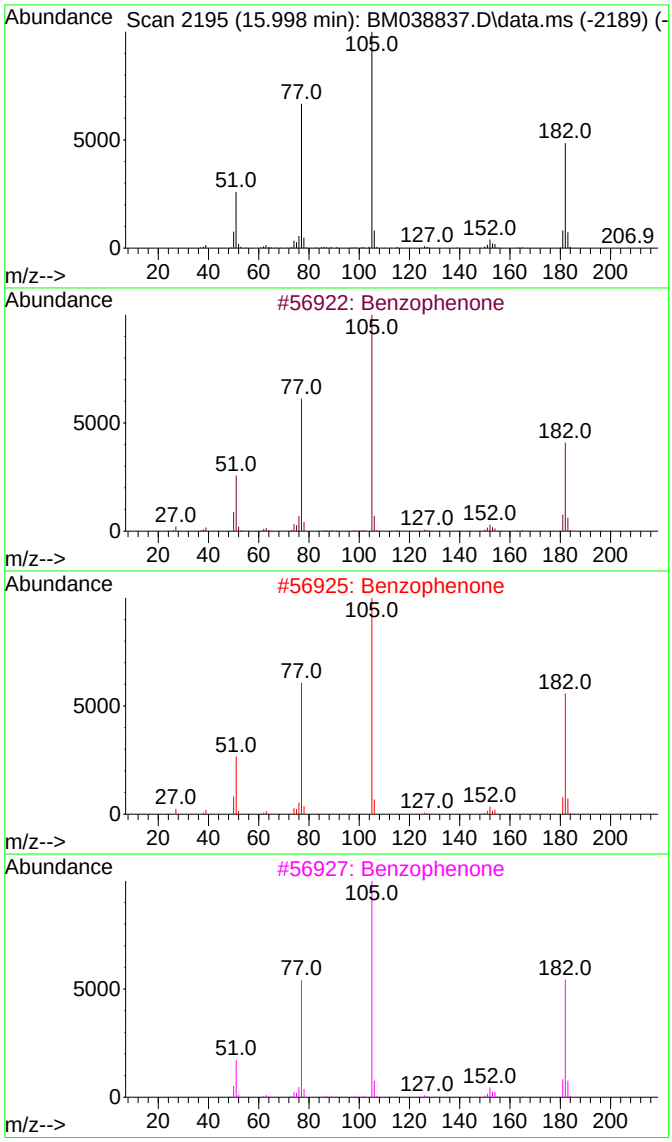
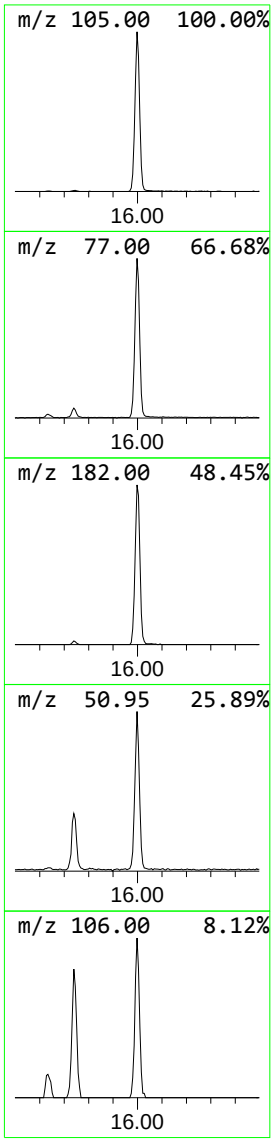
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.998	3.82 ng/ul	486356	Acenaphthene-d10	14.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52





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ALS Vial : 9 Sample Multiplier: 1

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BNA_M
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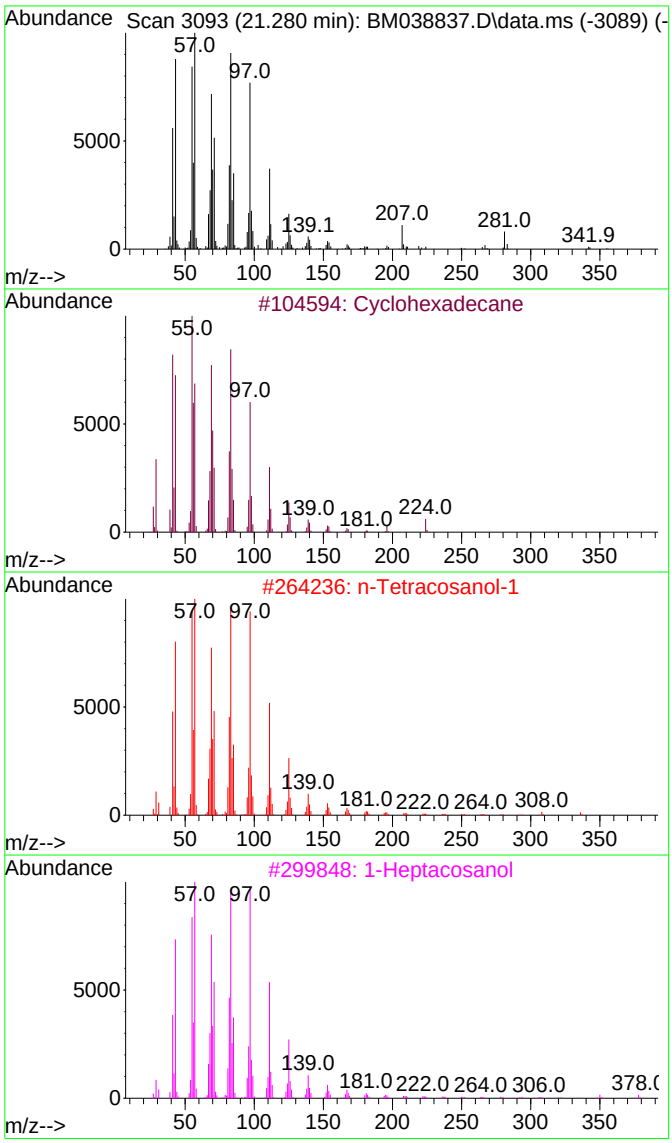
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

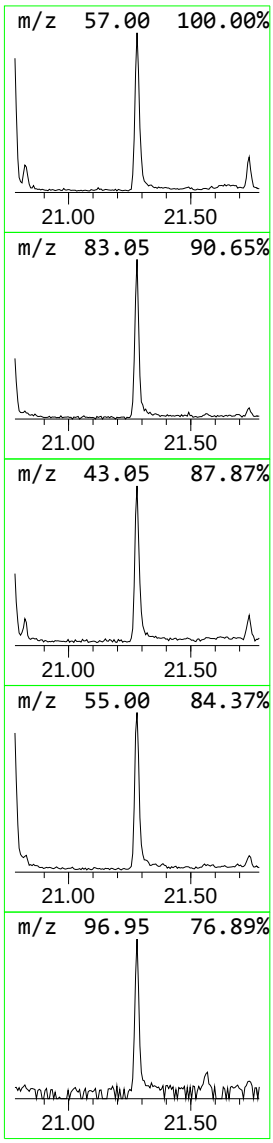
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic21.280 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.280	2.26 ng/ul	382038	Chrysene-d12	21.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.116	19.1	ng/ul	1234930	1	8.010	1292510	20.0
Benzophenone	15.998	3.8	ng/ul	486356	3	14.645	2549460	20.0
(DEL) Alkane: C...	21.280	2.3	ng/ul	382038	5	21.562	3386940	20.0