LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040723\
Data File : BP014612.D
Acq On : 07 Apr 2023 19:33
Operator : CG/JU
Sample : 02225-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AC2

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\SFAM-EPA-BP032823.M
Title : SVOA CALIBRATION

Signal : TIC: BP014612.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.340	22	26	27	rBV3	4395	5733	0.22%	0.023%
2	3.364	27	30	33	rVV	29936	35778	1.35%	0.146%
3	3.399	33	36	44	rVB	46869	60761	2.29%	0.248%
4	3.881	113	118	119	rBV5	6151	8735	0.33%	0.036%
5	4.017	137	141	147	rBV4	7545	12623	0.48%	0.052%
6	4.117	154	158	163	rBV2	11389	17283	0.65%	0.071%
7	5.064	313	319	330	rVV	211964	308677	11.65%	1.260%
8	6.069	487	490	497	rVB9	3108	6248	0.24%	0.026%
9	6.358	537	539	545	rVB6	2431	4146	0.16%	0.017%
10	6.581	575	577	583	rVB7	2068	3132	0.12%	0.013%
11	6.646	583	588	592	rBV7	2205	5184	0.20%	0.021%
12	7.040	652	655	658	rBV4	2536	3168	0.12%	0.013%
13	7.175	671	678	690	rBV	28840	77629	2.93%	0.317%
14	7.305	694	700	720	rVV	323656	581692	21.96%	2.375%
15	7.516	729	736	753	rBV	151085	315921	11.92%	1.290%
16	7.981	807	815	830	rBV	460670	793244	29.94%	3.239%
17	8.099	830	835	839	rVB6	6528	12749	0.48%	0.052%
18	8.234	856	858	863	rVB6	2255	2684	0.10%	0.011%
19	8.710	933	939	954	rBV2	105396	249725	9.43%	1.020%
20	9.157	1008	1015	1033	rBV	381829	734198	27.71%	2.998%
21	9.522	1071	1077	1082	rVB4	5951	11508	0.43%	0.047%
22	9.887	1130	1139	1152	rBV	134840	274206	10.35%	1.120%
23	10.440	1227	1233	1253	rBV2	120328	389170	14.69%	1.589%
24	10.799	1287	1294	1311	rBV	627760	1094049	41.29%	4.467%
25	10.969	1315	1323	1338	rBV2	91448	281185	10.61%	1.148%
26	11.681	1441	1444	1448	rBV6	2198	3105	0.12%	0.013%
27	12.022	1499	1502	1507	rVB7	1826	3464	0.13%	0.014%
28	12.210	1530	1534	1542	rBV9	2866	4915	0.19%	0.020%
29	12.363	1553	1560	1561	rBV7	3724	6634	0.25%	0.027%
30	12.404	1563	1567	1574	rVB10	5086	12417	0.47%	0.051%
31	12.634	1601	1606	1613	rBV2	6360	14937	0.56%	0.061%
32	13.434	1738	1742	1749	rVB8	6027	9824	0.37%	0.040%
33	14.040	1837	1845	1860	rBV	937975	1431543	54.03%	5.845%
34	14.151	1860	1864	1867	rVB5	6036	9493	0.36%	0.039%
35	14.328	1887	1894	1909	rBV	1023226	1584212	59.79%	6.468%
36	14.504	1923	1924	1928	rVB4	3651	3576	0.13%	0.015%

LSC Area Percent Report

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Acq On : 07 Apr 2023 19:33
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Sample : 02225-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

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\SFAM-EPA-BP032823.M
Title : SVOA CALIBRATION

37	14.634	1938	1946	1954	rBV	941195	1405912	53.06%	5.740%
38	15.040	2011	2015	2017	rBV4	1929	2651	0.10%	0.011%
39	15.157	2031	2035	2038	rVB6	2119	3260	0.12%	0.013%
40	15.404	2072	2077	2078	rVV5	3029	4220	0.16%	0.017%
41	15.463	2082	2087	2090	rVV7	4174	5941	0.22%	0.024%
42	15.569	2100	2105	2108	rBV6	3704	5015	0.19%	0.020%
43	15.628	2108	2115	2132	rBV	1317588	2078538	78.45%	8.486%
44	15.775	2136	2140	2154	rVV2	58612	143749	5.43%	0.587%
45	15.875	2154	2157	2163	rVB7	8589	15101	0.57%	0.062%
46	16.004	2173	2179	2189	rBV	86583	149068	5.63%	0.609%
47	16.328	2231	2234	2236	rBV4	2880	4003	0.15%	0.016%
48	16.569	2270	2275	2281	rVB3	12067	17946	0.68%	0.073%
49	17.398	2409	2416	2426	rBV	1009537	1540798	58.16%	6.291%
50	17.498	2426	2433	2449	rVV	1410043	2220263	83.80%	9.065%
51	19.304	2736	2740	2746	rBV5	22645	37586	1.42%	0.153%
52	19.728	2806	2812	2828	rBV	1775419	2465720	93.07%	10.067%
53	21.174	3054	3058	3066	rBV7	80451	169749	6.41%	0.693%
54	21.486	3106	3111	3124	rBV	932932	1559855	58.87%	6.369%
55	23.821	3501	3508	3521	rVB2	1245070	2649457	100.00%	10.817%
56	23.986	3530	3536	3547	rVB2	770221	1639987	61.90%	6.696%

Sum of corrected areas: 24492367

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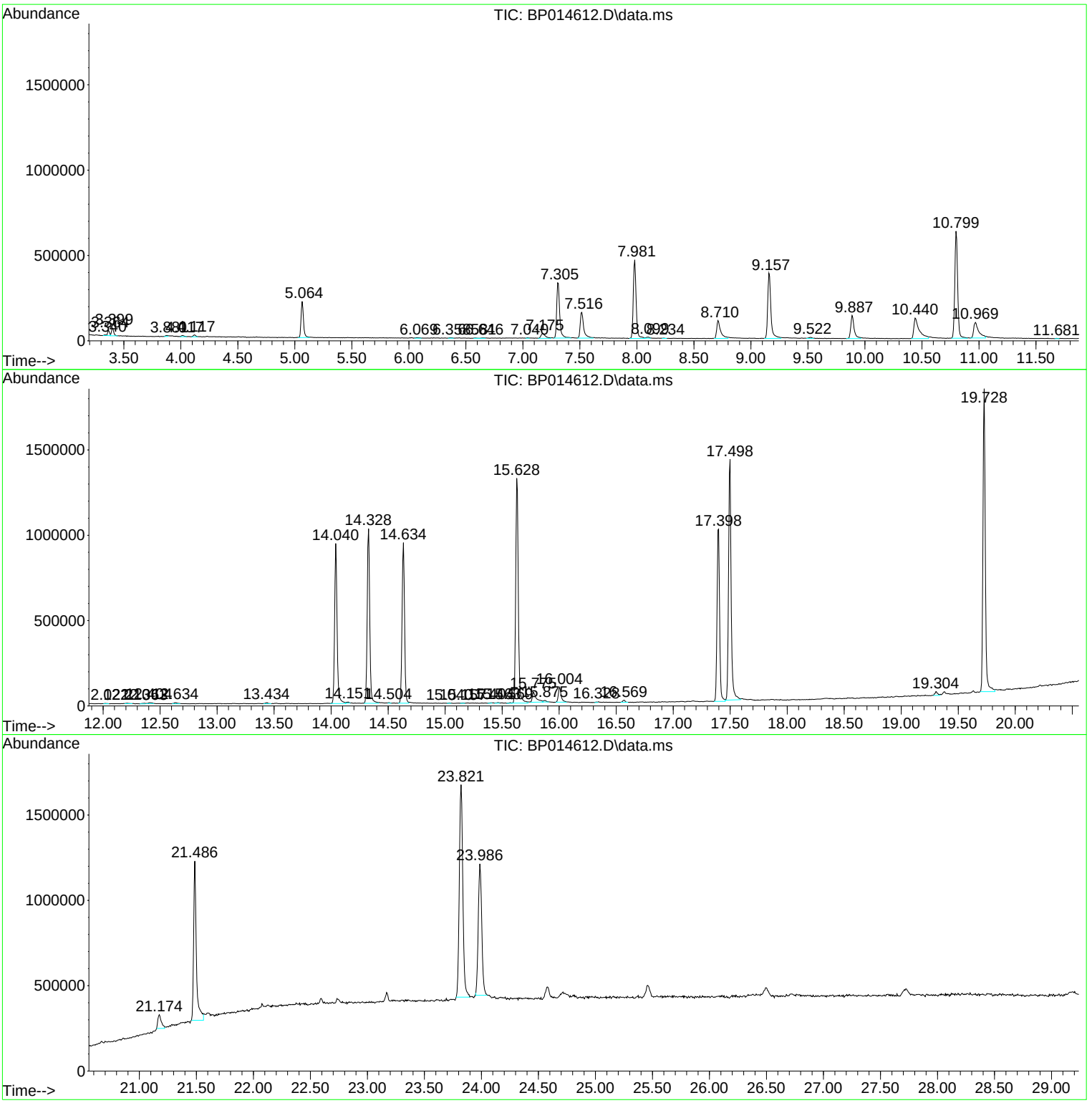
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

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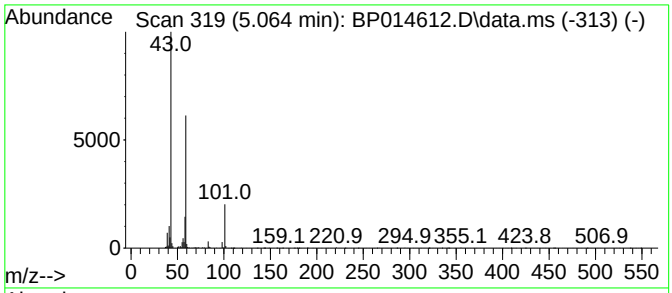
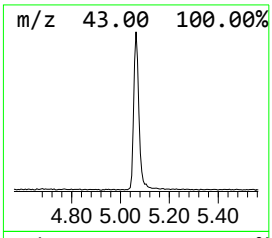
TIC Integration Parameters: LSCINT.P

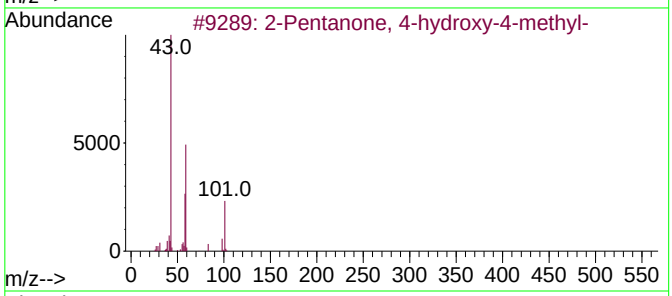
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

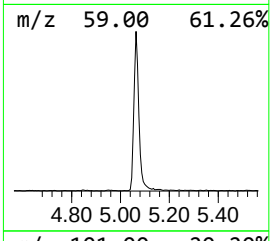
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.064	7.78 ng/ul	308677	1,4-Dichlorobenzene-d4	7.981

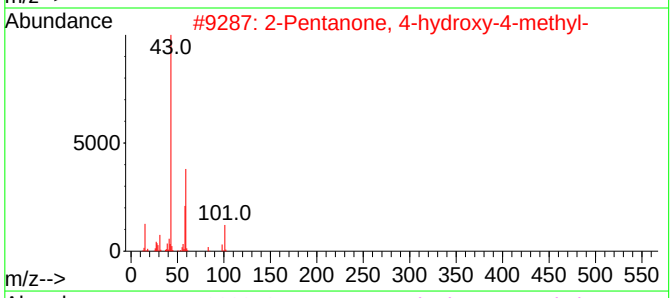
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23

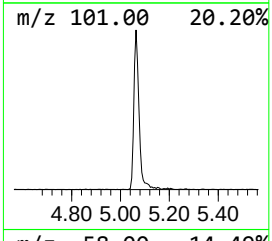


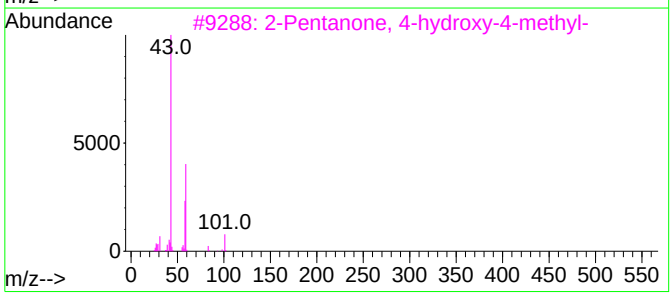


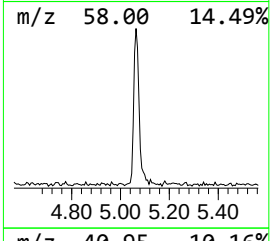


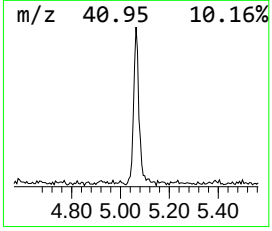












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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

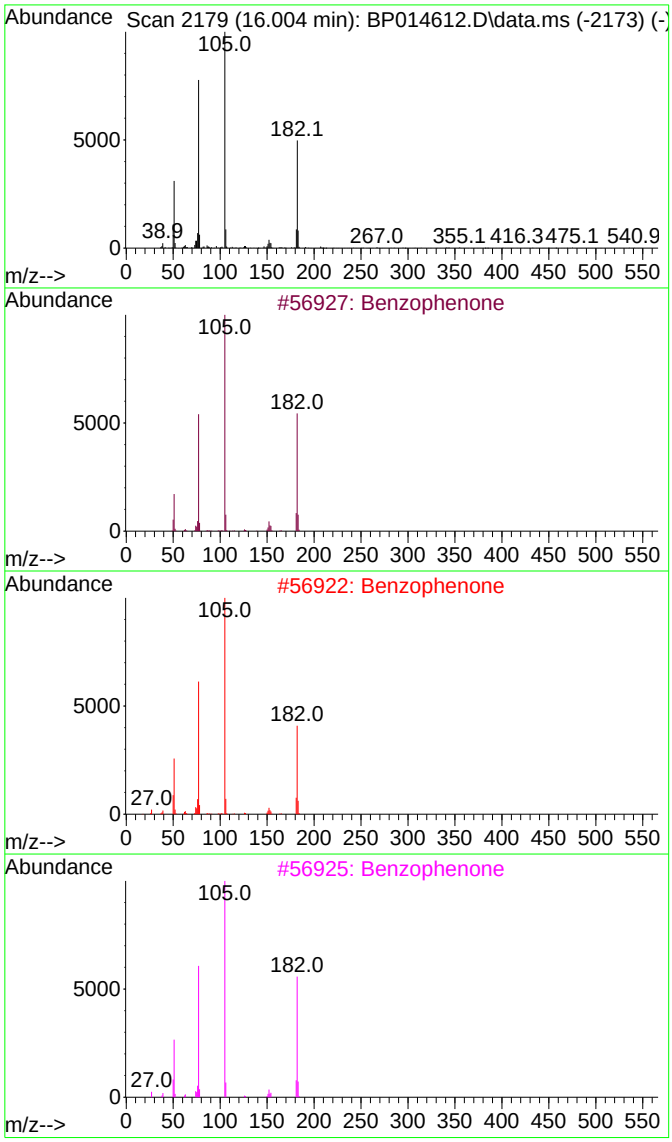
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

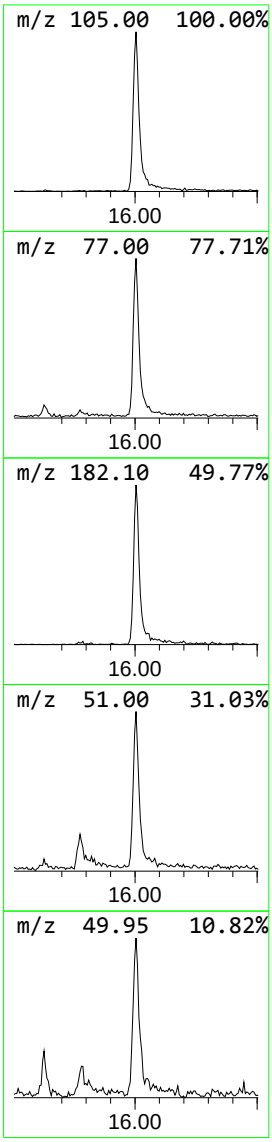
****

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.004	2.12 ng/ul	149068	Acenaphthene-d10	14.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	87





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Instrument :
BNA_P
ClientSampleId :
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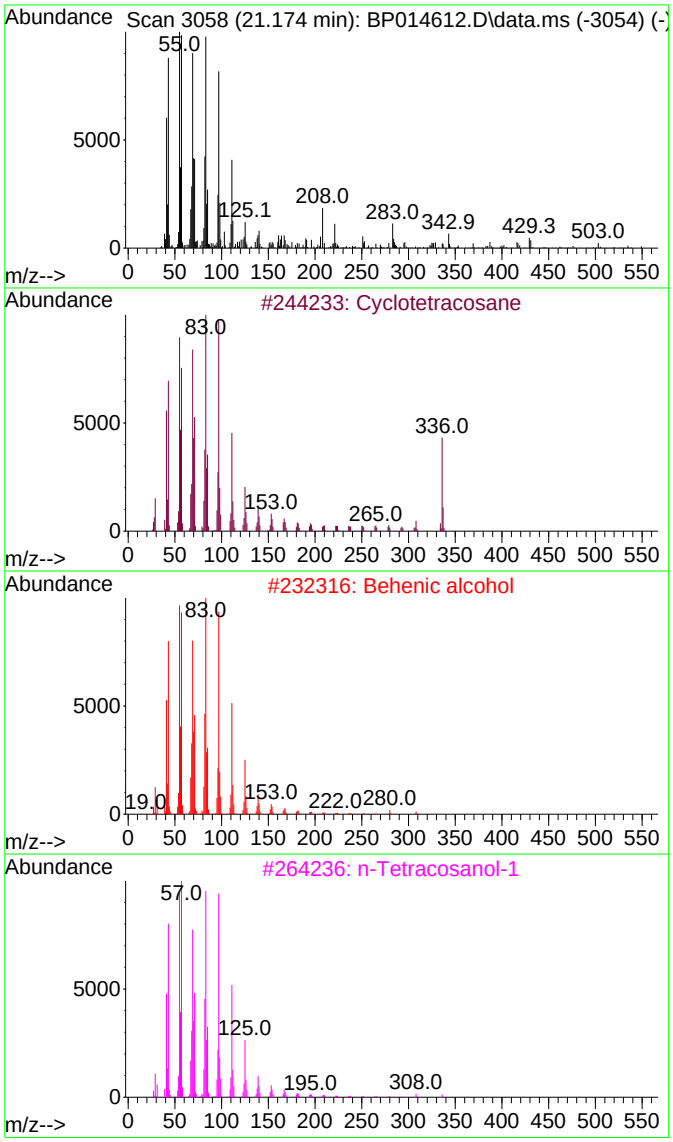
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

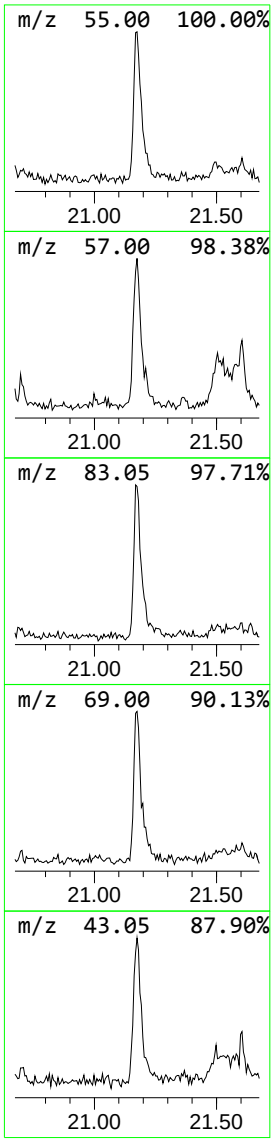
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic21.174 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.174	2.18 ng/ul	169749	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	93
2	Behenic alcohol	326	C22H46O	000661-19-8	90
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4	1-Tetracosene	336	C24H48	010192-32-2	90
5	1-Tetracosene	336	C24H48	010192-32-2	90





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.064	7.8	ng/ul	308677	1	7.981	793244	20.0
Benzophenone	16.004	2.1	ng/ul	149068	3	14.634	1405910	20.0
(DEL) Alkane: C...	21.174	2.2	ng/ul	169749	5	21.486	1559860	20.0