LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042823\
Data File : BP014898.D
Acq On : 29 Apr 2023 04:51
Operator : CG/JU
Sample : 02528-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HOA38

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-BP042823.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP014898.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.434	4	8	11	rBV	50325	71568	1.34%	0.127%
2	3.464	11	13	16	rVV	75512	94262	1.76%	0.167%
3	3.505	16	20	32	rVB	428552	578204	10.81%	1.026%
4	3.911	86	89	110	rBV	335125	544871	10.18%	0.967%
5	4.152	126	130	134	rVB2	22013	31979	0.60%	0.057%
6	4.252	144	147	153	rVB	14931	18471	0.35%	0.033%
7	4.640	209	213	217	rVB7	6261	9421	0.18%	0.017%
8	4.805	235	241	254	rVB	779331	1138361	21.27%	2.020%
9	5.211	305	310	314	rBV3	11126	18003	0.34%	0.032%
10	5.705	389	394	399	rBV	8953	13533	0.25%	0.024%
11	5.828	407	415	420	rVB	16130	28353	0.53%	0.050%
12	6.117	459	464	466	rBV6	4285	6487	0.12%	0.012%
13	6.546	532	537	542	rBV	23526	38258	0.72%	0.068%
14	7.117	630	634	639	rBV8	4279	7499	0.14%	0.013%
15	7.311	657	667	678	rBV	425590	718969	13.44%	1.276%
16	7.487	691	697	709	rBV	730916	1143472	21.37%	2.029%
17	7.693	720	732	742	rBV	793201	1286717	24.05%	2.283%
18	7.981	776	781	785	rVB7	3712	6956	0.13%	0.012%
19	8.175	806	814	821	rBV	663888	1105928	20.67%	1.962%
20	8.228	821	823	829	rVB3	20313	27859	0.52%	0.049%
21	8.534	871	875	879	rVB7	4383	6078	0.11%	0.011%
22	8.875	926	933	945	rBV	693736	1177391	22.00%	2.089%
23	9.346	1006	1013	1025	rBV	774264	1325192	24.77%	2.351%
24	9.440	1027	1029	1037	rVB4	11349	17121	0.32%	0.030%
25	9.758	1077	1083	1089	rVB	56210	87095	1.63%	0.155%
26	10.075	1129	1137	1147	rBV	599532	1022553	19.11%	1.814%
27	10.281	1169	1172	1181	rVB10	5984	12171	0.23%	0.022%
28	10.616	1219	1229	1243	rBV	990031	1706431	31.89%	3.028%
29	10.769	1252	1255	1261	rVB8	6732	10843	0.20%	0.019%
30	11.010	1288	1296	1309	rBV	926642	1565907	29.27%	2.778%
31	11.140	1311	1318	1331	rBV	339832	688775	12.87%	1.222%
32	11.540	1382	1386	1390	rBV7	3725	5719	0.11%	0.010%
33	11.781	1421	1427	1430	rBV6	8220	16189	0.30%	0.029%
34	11.816	1430	1433	1439	rVB7	14506	22034	0.41%	0.039%
35	12.252	1503	1507	1513	rVB	12726	18940	0.35%	0.034%
36	12.322	1513	1519	1523	rBV8	4537	8081	0.15%	0.014%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042823\
Data File : BP014898.D
Acq On : 29 Apr 2023 04:51
Operator : CG/JU
Sample : 02528-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA38

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-BP042823.MA.M
Title : SVOA CALIBRATION

37	12.410	1528	1534	1538	rBV9	4376	7314	0.14%	0.013%
38	12.581	1559	1563	1569	rVB2	18427	30089	0.56%	0.053%
39	13.422	1702	1706	1711	rBV7	4985	9877	0.18%	0.018%
40	13.634	1736	1742	1744	rBV4	11650	19559	0.37%	0.035%
41	13.704	1749	1754	1762	rVV	23222	39310	0.73%	0.070%
42	13.787	1762	1768	1775	rVB	3473	8701	0.16%	0.015%
43	13.951	1791	1796	1799	rBV7	3262	5410	0.10%	0.010%
44	14.216	1832	1841	1856	rBV	2041087	2807800	52.48%	4.982%
45	14.393	1858	1871	1874	rBV4	125695	503512	9.41%	0.893%
46	14.510	1885	1891	1914	rVB	2446381	3874741	72.42%	6.875%
47	14.816	1936	1943	1950	rBV	1394613	2001262	37.40%	3.551%
48	14.987	1965	1972	1987	rBV	291772	529606	9.90%	0.940%
49	15.222	2007	2012	2016	rVV7	9044	15930	0.30%	0.028%
50	15.257	2016	2018	2023	rVB6	6502	8975	0.17%	0.016%
51	15.316	2026	2028	2035	rVB8	3799	6865	0.13%	0.012%
52	15.445	2046	2050	2053	rBV6	3946	6068	0.11%	0.011%
53	15.810	2103	2112	2124	rBV	2751107	4238416	79.21%	7.520%
54	15.916	2124	2130	2143	rVB	815501	1148851	21.47%	2.038%
55	16.045	2149	2152	2157	rVB3	12213	17769	0.33%	0.032%
56	16.169	2167	2173	2188	rBV	1397729	1920498	35.89%	3.408%
57	16.540	2233	2236	2240	rVB5	10800	12987	0.24%	0.023%
58	16.687	2259	2261	2264	rBV3	5475	6115	0.11%	0.011%
59	16.734	2264	2269	2275	rVV	219570	304039	5.68%	0.539%
60	16.940	2302	2304	2309	rBV6	5207	6447	0.12%	0.011%
61	17.098	2327	2331	2333	rBV5	7803	9746	0.18%	0.017%
62	17.245	2353	2356	2361	rVB7	8429	10968	0.20%	0.019%
63	17.316	2364	2368	2371	rBV5	24425	31161	0.58%	0.055%
64	17.357	2373	2375	2379	rVB5	10646	15022	0.28%	0.027%
65	17.569	2405	2411	2421	rBV	1612845	2286752	42.74%	4.057%
66	17.669	2422	2428	2446	rVV2	2967724	4387598	82.00%	7.785%
67	18.428	2552	2557	2567	rBV	348816	520942	9.74%	0.924%
68	18.510	2567	2571	2580	rVB2	96794	172113	3.22%	0.305%
69	19.469	2730	2734	2739	rBV2	40752	59691	1.12%	0.106%
70	19.534	2742	2745	2752	rVB	52554	81572	1.52%	0.145%
71	19.651	2761	2765	2771	rBV	163317	234132	4.38%	0.415%
72	19.886	2799	2805	2811	rBV	4208367	5350721	100.00%	9.494%
73	21.328	3046	3050	3060	rBV2	371467	552321	10.32%	0.980%
74	21.651	3100	3105	3116	rBV	1674622	2361321	44.13%	4.190%
75	22.974	3327	3330	3337	rVB	159890	227834	4.26%	0.404%
76	24.080	3511	3518	3538	rVB2	2386195	5344221	99.88%	9.482%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042823\
Data File : BP014898.D
Acq On : 29 Apr 2023 04:51
Operator : CG/JU
Sample : 02528-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA38

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-BP042823.MA.M
Title : SVOA CALIBRATION

77	24.251	3540	3547	3559	rVB2	1214400	2604163	48.67%	4.621%

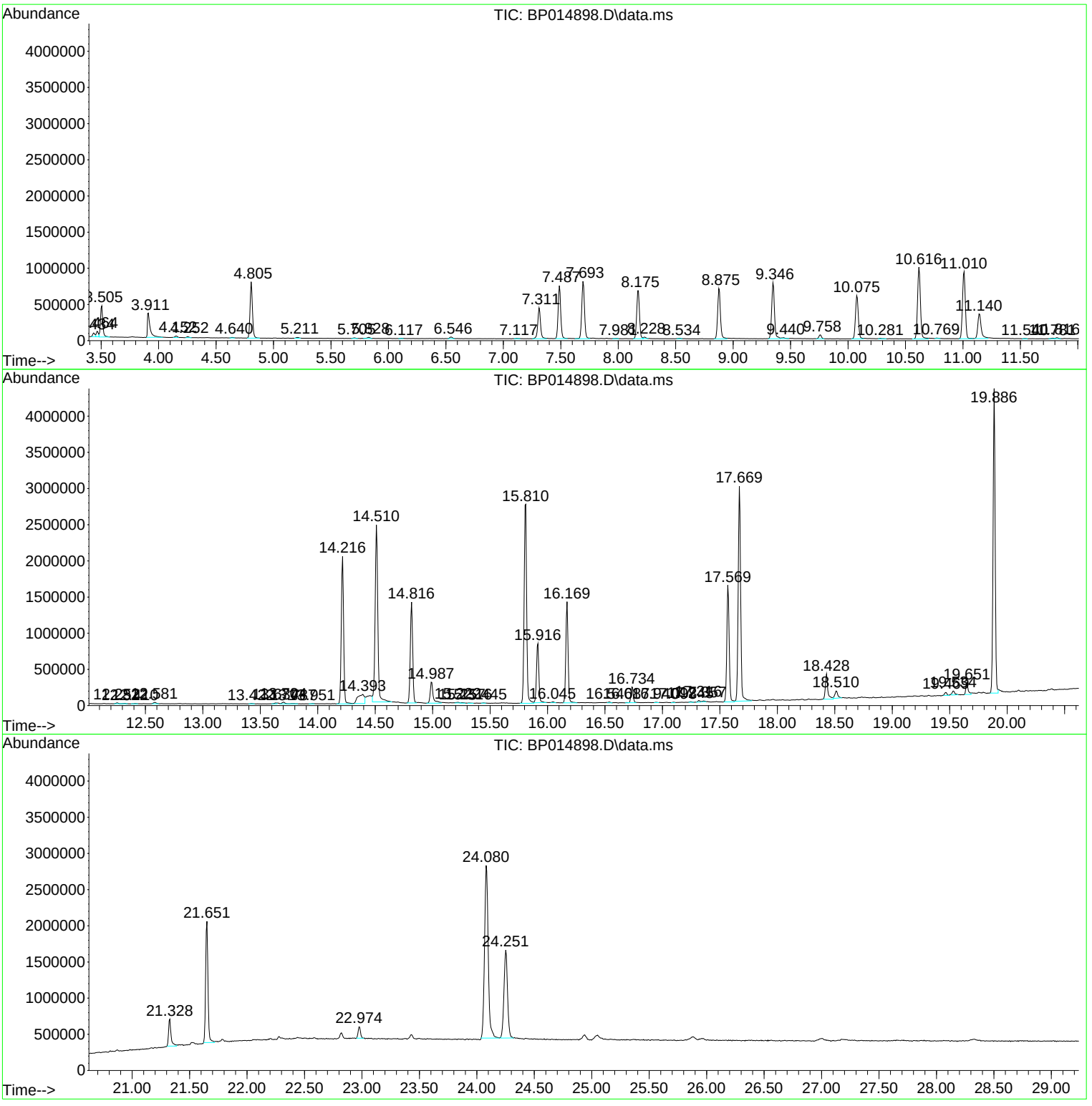
Sum of corrected areas: 56360110

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042823\
Data File : BP014898.D
Acq On : 29 Apr 2023 04:51
Operator : CG/JU
Sample : 02528-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042823.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042823\
Data File : BP014898.D
Acq On : 29 Apr 2023 04:51
Operator : CG/JU
Sample : 02528-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA38

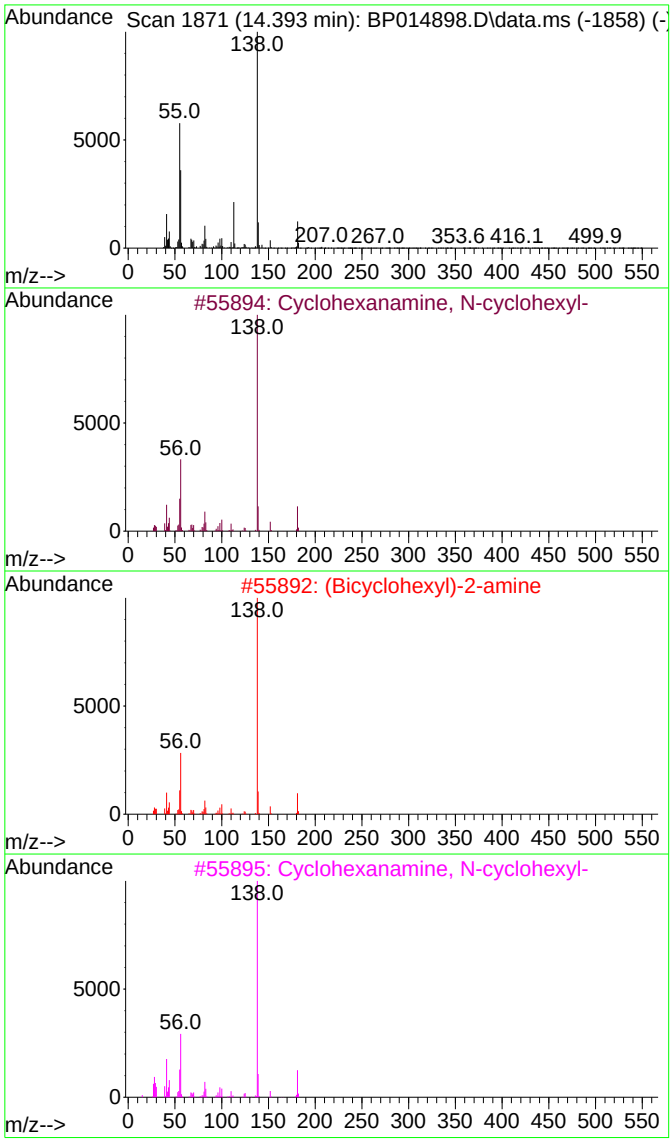
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042823.MA.M
Quant Title : SVOA CALIBRATION

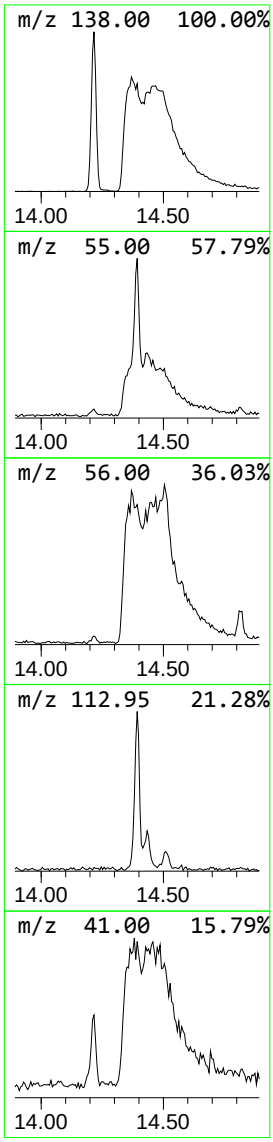
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexanamine, N-cyclohexyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.393	5.03 ng/ul	503512	Acenaphthene-d10	14.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	96
2	(Bicyclohexyl)-2-amine	181	C12H23N	006283-14-3	96
3	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	95
4	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	94
5	Cyclohexanamine, N-cyclohexyl-	181	C12H23N	000101-83-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042823\
Data File : BP014898.D
Acq On : 29 Apr 2023 04:51
Operator : CG/JU
Sample : 02528-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042823.MA.M
Quant Title : SVOA CALIBRATION

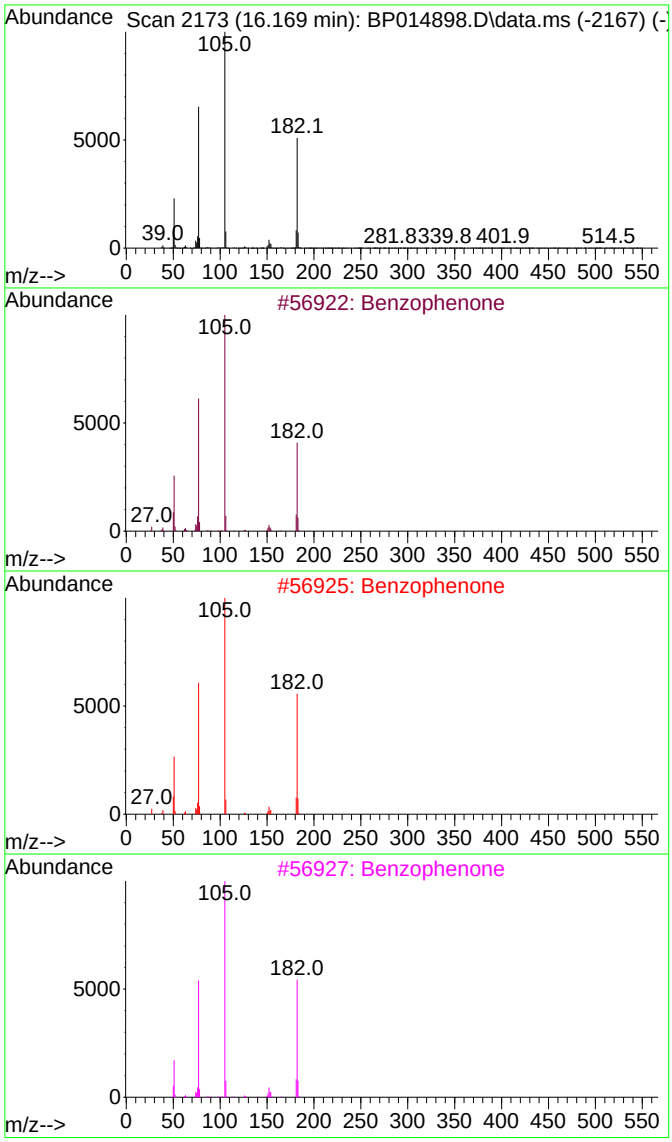
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

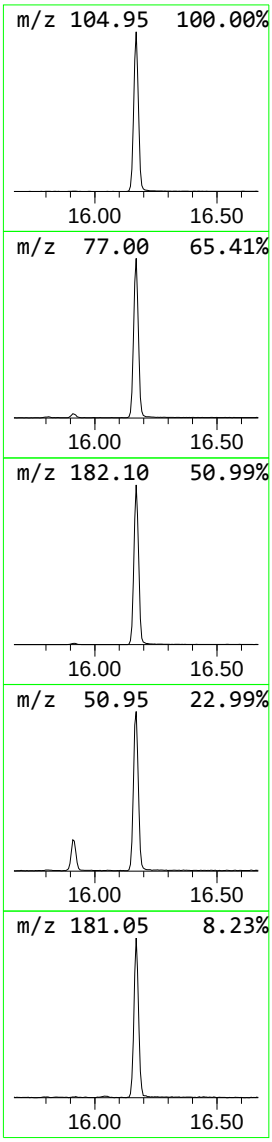
****

Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.169	19.19 ng/ul	1920500	Acenaphthene-d10	14.816

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	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042823\
Data File : BP014898.D
Acq On : 29 Apr 2023 04:51
Operator : CG/JU
Sample : 02528-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA38

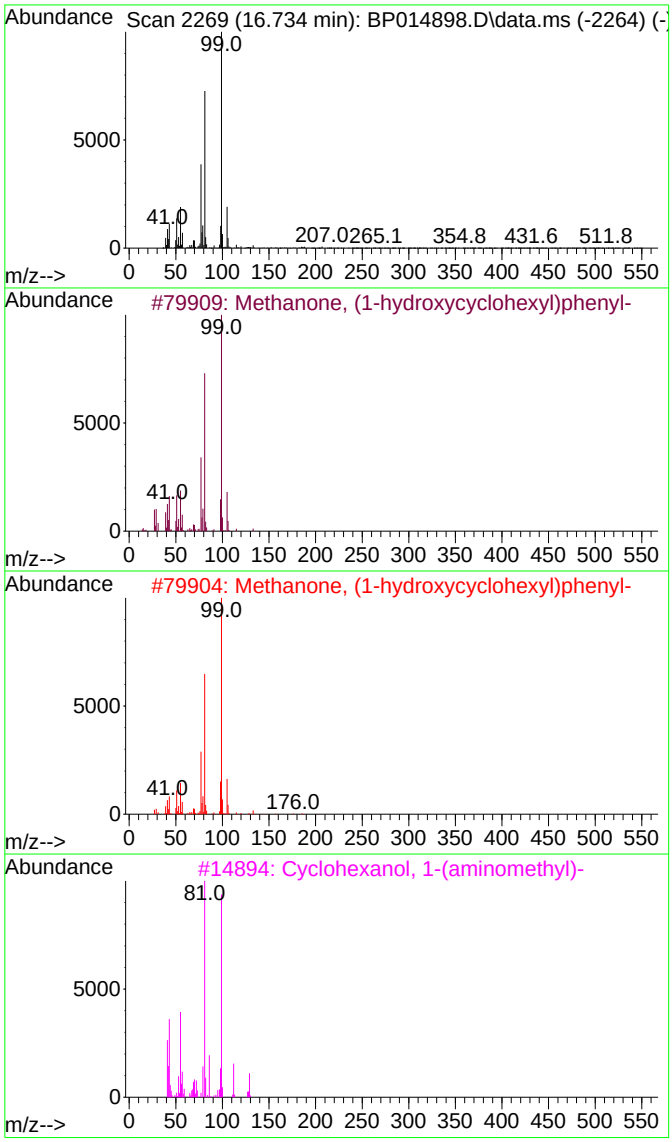
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042823.MA.M
Quant Title : SVOA CALIBRATION

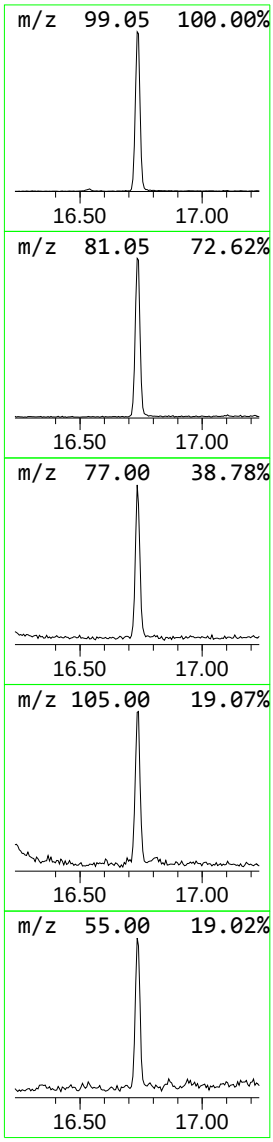
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Methanone, (1-hydroxycycloh... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.734	2.66 ng/ul	304039	Phenanthrene-d10	17.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	72
2	Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	72
3	Cyclohexanol, 1-(aminomethyl)-	129	C7H15NO	004000-72-0	47
4	1-Hydroxycyclohexanecarboxylic acid	144	C7H12O3	001123-28-0	43
5	Cyclohexanol, 1-ethyl-	128	C8H16O	001940-18-7	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042823\
Data File : BP014898.D
Acq On : 29 Apr 2023 04:51
Operator : CG/JU
Sample : 02528-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042823.MA.M
Quant Title : SVOA CALIBRATION

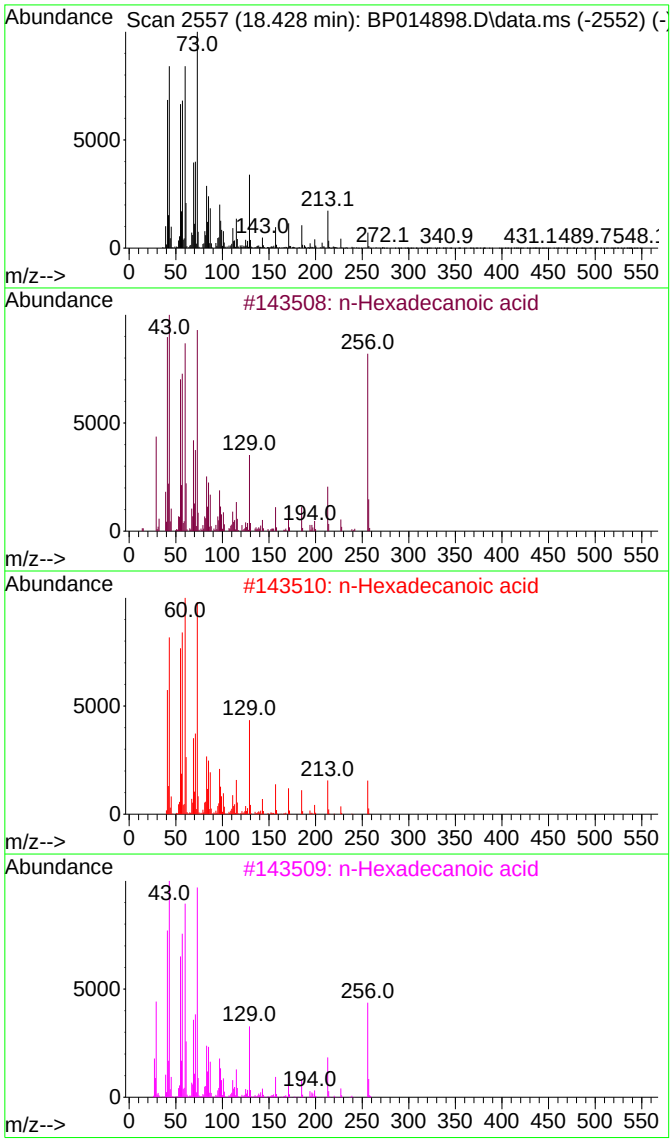
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

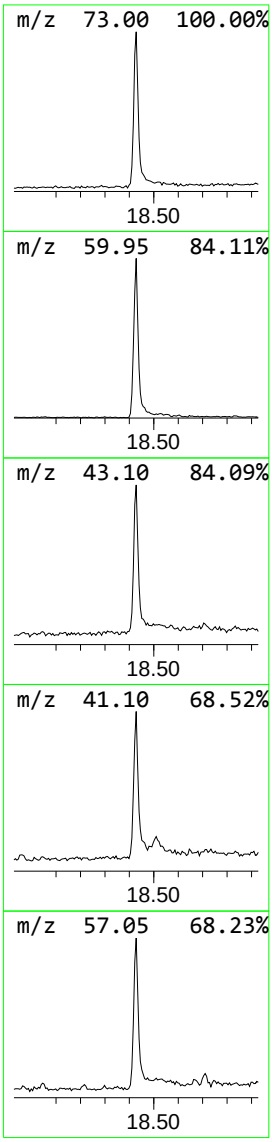
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.428	4.56 ng/ul	520942	Phenanthrene-d10	17.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042823\
Data File : BP014898.D
Acq On : 29 Apr 2023 04:51
Operator : CG/JU
Sample : 02528-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA38

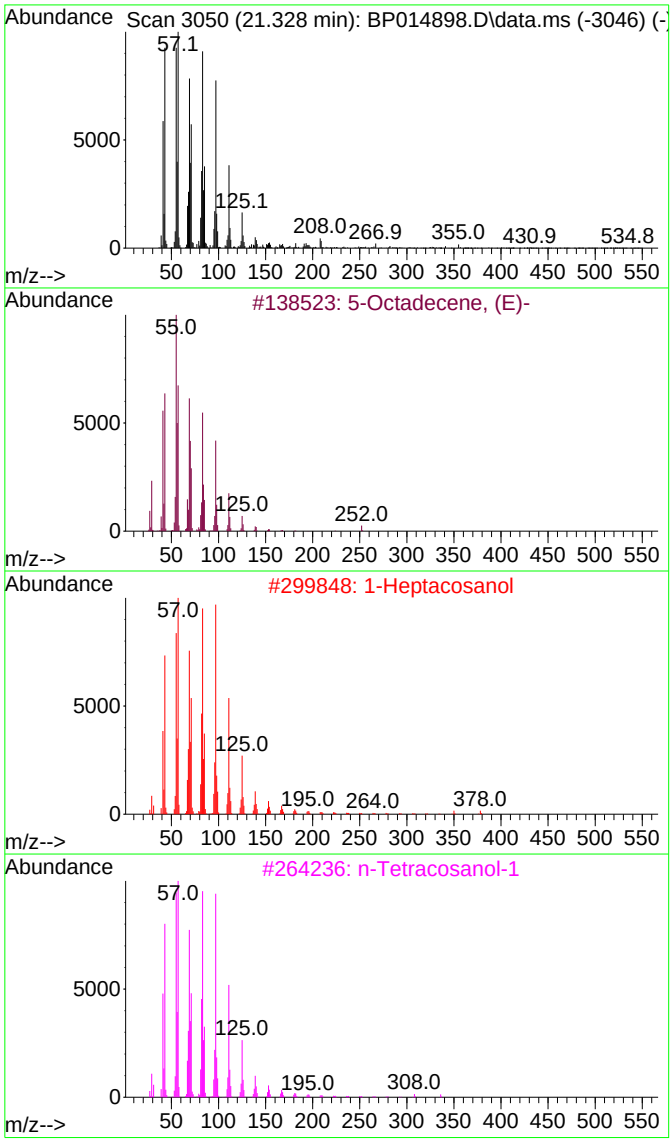
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042823.MA.M
Quant Title : SVOA CALIBRATION

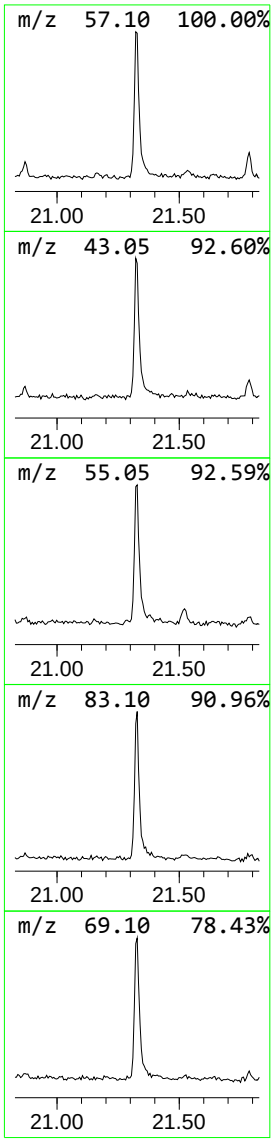
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.328	4.68 ng/ul	552321	Chrysene-d12	21.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Tetracosene	336	C24H48	010192-32-2	91
5	1-Tetracosene	336	C24H48	010192-32-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042823\
Data File : BP014898.D
Acq On : 29 Apr 2023 04:51
Operator : CG/JU
Sample : 02528-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
HOA38

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042823.MA.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
Cyclohexanamine...	14.393	5.0	ng/ul	503512	3	14.816	2001260	20.0
Benzophenone	16.169	19.2	ng/ul	1920500	3	14.816	2001260	20.0
Methanone, (1-h...	16.734	2.7	ng/ul	304039	4	17.569	2286750	20.0
n-Hexadecanoic ...	18.428	4.6	ng/ul	520942	4	17.569	2286750	20.0
(DEL) Alkane: S...	21.328	4.7	ng/ul	552321	5	21.651	2361320	20.0