LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034358.D
Acq On : 03 Oct 2024 06:02
Operator : RC/JU
Sample : P4017-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDCD4

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_N\Methods\SFAM-EPA-BN091124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN034358.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.005	16	20	30	rVB	43066	55668	1.58%	0.131%
2	3.387	82	85	98	rBV	506284	658731	18.66%	1.546%
3	3.693	133	137	141	rVB	16378	20150	0.57%	0.047%
4	4.005	185	190	202	rVB	316887	382837	10.84%	0.899%
5	4.228	224	228	233	rVB4	8750	13690	0.39%	0.032%
6	4.311	239	242	247	rVB3	6497	7579	0.21%	0.018%
7	4.581	282	288	297	rBV	488302	652703	18.49%	1.532%
8	5.175	385	389	391	rBV4	3074	3534	0.10%	0.008%
9	6.493	611	613	619	rVB6	4027	5523	0.16%	0.013%
10	6.581	621	628	643	rBV	588539	982975	27.84%	2.307%
11	6.740	649	655	668	rVV	499746	768505	21.77%	1.804%
12	6.922	680	686	700	rBV	693397	1048007	29.68%	2.460%
13	7.028	700	704	711	rVB5	12296	22835	0.65%	0.054%
14	7.381	757	764	772	rBV	945275	1414254	40.06%	3.320%
15	7.475	775	780	789	rVB6	9559	26039	0.74%	0.061%
16	7.928	853	857	861	rVB7	2695	4483	0.13%	0.011%
17	8.028	869	874	875	rBV4	3065	3531	0.10%	0.008%
18	8.099	879	886	901	rBV	714342	1170908	33.17%	2.749%
19	8.522	951	958	969	rBV	533899	877551	24.86%	2.060%
20	8.610	970	973	979	rVB3	9813	17640	0.50%	0.041%
21	8.975	1029	1035	1043	rVB4	8910	17237	0.49%	0.040%
22	9.110	1053	1058	1070	rBV	51148	86216	2.44%	0.202%
23	9.240	1073	1080	1089	rBV	414340	699227	19.81%	1.641%
24	9.369	1098	1102	1108	rVB8	2480	4693	0.13%	0.011%
25	9.428	1110	1112	1115	rBV3	3286	4100	0.12%	0.010%
26	9.769	1163	1170	1181	rBV	667690	1145377	32.44%	2.689%
27	10.140	1226	1233	1242	rBV	1132599	1905380	53.97%	4.473%
28	10.287	1249	1258	1277	rBV	534418	977839	27.70%	2.295%
29	10.534	1294	1300	1304	rBV7	3320	5940	0.17%	0.014%
30	10.716	1327	1331	1340	rBV5	16789	38153	1.08%	0.090%
31	11.581	1471	1478	1479	rBV6	2876	3717	0.11%	0.009%
32	11.593	1479	1480	1484	rVB4	3559	3813	0.11%	0.009%
33	11.687	1489	1496	1502	rVV	150872	261015	7.39%	0.613%
34	11.734	1502	1504	1513	rVV	15198	29588	0.84%	0.069%
35	12.375	1609	1613	1618	rBV6	2380	3678	0.10%	0.009%
36	12.522	1635	1638	1642	rVB5	2704	4241	0.12%	0.010%

LSC Area Percent Report

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Sample : P4017-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDCD4

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_N\Methods\SFAM-EPA-BN091124.MA.M
Title : SVOA CALIBRATION

37	12.646	1654	1659	1663	rBV6	3298	5483	0.16%	0.013%
38	12.881	1693	1699	1702	rBV2	12749	18254	0.52%	0.043%
39	12.957	1707	1712	1715	rVB7	6031	9214	0.26%	0.022%
40	13.275	1761	1766	1770	rBV6	2082	3744	0.11%	0.009%
41	13.463	1792	1798	1809	rBV	1091820	1511117	42.80%	3.547%
42	13.587	1816	1819	1825	rVB5	3330	5630	0.16%	0.013%
43	13.722	1835	1842	1854	rBV	1352886	1945305	55.10%	4.566%
44	13.969	1881	1884	1889	rVB4	7973	10084	0.29%	0.024%
45	14.034	1889	1895	1907	rBV	1581386	2343932	66.39%	5.502%
46	14.269	1928	1935	1953	rBV	217419	453788	12.85%	1.065%
47	14.681	2000	2005	2009	rVV8	6595	12800	0.36%	0.030%
48	14.869	2034	2037	2045	rVV4	5495	8825	0.25%	0.021%
49	14.934	2045	2048	2051	rVB3	6667	6827	0.19%	0.016%
50	15.040	2060	2066	2081	rBV	1667338	2314885	65.57%	5.434%
51	15.169	2082	2088	2099	rVV	267144	394053	11.16%	0.925%
52	15.281	2102	2107	2111	rVB5	6066	10725	0.30%	0.025%
53	15.416	2122	2130	2140	rBV	1117606	1600857	45.34%	3.758%
54	15.487	2140	2142	2151	rVB9	4779	8391	0.24%	0.020%
55	15.622	2161	2165	2170	rBV5	3247	6088	0.17%	0.014%
56	15.798	2191	2195	2198	rBV5	4980	6053	0.17%	0.014%
57	15.981	2219	2226	2233	rBV	222309	298119	8.44%	0.700%
58	16.198	2261	2263	2268	rVB5	3328	4975	0.14%	0.012%
59	16.257	2268	2273	2275	rBV6	3160	5698	0.16%	0.013%
60	16.381	2291	2294	2298	rBV5	3731	4692	0.13%	0.011%
61	16.451	2302	2306	2315	rBV3	26982	46711	1.32%	0.110%
62	16.587	2325	2329	2336	rVB7	6103	10455	0.30%	0.025%
63	16.681	2343	2345	2349	rVB4	3447	3569	0.10%	0.008%
64	16.728	2349	2353	2354	rBV4	2756	3762	0.11%	0.009%
65	16.792	2357	2364	2375	rVV	1747525	2473887	70.07%	5.807%
66	16.892	2375	2381	2392	rVV	1642687	2293162	64.95%	5.383%
67	16.969	2392	2394	2397	rVV4	9388	11899	0.34%	0.028%
68	17.010	2398	2401	2408	rVB7	12263	20181	0.57%	0.047%
69	17.328	2451	2455	2460	rBV7	4305	6158	0.17%	0.014%
70	17.381	2460	2464	2465	rBV4	3010	3552	0.10%	0.008%
71	17.428	2467	2472	2476	rVV	60091	78430	2.22%	0.184%
72	17.486	2480	2482	2488	rVB6	3587	4637	0.13%	0.011%
73	17.604	2497	2502	2507	rBV7	6811	12743	0.36%	0.030%
74	17.728	2518	2523	2532	rBV	180661	312788	8.86%	0.734%
75	17.892	2547	2551	2554	rVB4	9149	13164	0.37%	0.031%
76	18.010	2565	2571	2582	rBV3	30840	63359	1.79%	0.149%

LSC Area Percent Report

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Operator : RC/JU
Sample : P4017-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DDCD4

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_N\Methods\SFAM-EPA-BN091124.MA.M
Title : SVOA CALIBRATION

77	18.092	2582	2585	2589	rVB5	6243	9429	0.27%	0.022%
78	18.163	2593	2597	2605	rBV5	18302	27949	0.79%	0.066%
79	18.316	2620	2623	2627	rVB6	8376	11104	0.31%	0.026%
80	18.422	2635	2641	2647	rBV5	21097	41974	1.19%	0.099%
81	18.569	2661	2666	2671	rVB	56368	92117	2.61%	0.216%
82	18.669	2680	2683	2687	rBV6	6702	9812	0.28%	0.023%
83	18.763	2695	2699	2706	rBV2	18362	30410	0.86%	0.071%
84	18.839	2708	2712	2715	rBV	20383	29359	0.83%	0.069%
85	18.880	2715	2719	2720	rBV4	7639	8207	0.23%	0.019%
86	19.028	2740	2744	2750	rBV4	44925	77871	2.21%	0.183%
87	19.204	2767	2774	2782	rBV	1924253	2603675	73.75%	6.112%
88	19.922	2894	2896	2902	rVB6	30012	33785	0.96%	0.079%
89	20.763	3035	3039	3045	rBV	264820	369047	10.45%	0.866%
90	21.027	3079	3084	3096	rBV	1968942	2697265	76.40%	6.331%
91	22.504	3332	3335	3341	rVB	108772	178043	5.04%	0.418%
92	23.551	3505	3513	3532	rVB	1426657	3175037	89.93%	7.453%
93	23.739	3537	3545	3561	rVB	1528718	3530448	100.00%	8.287%

Sum of corrected areas: 42600885

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Instrument :
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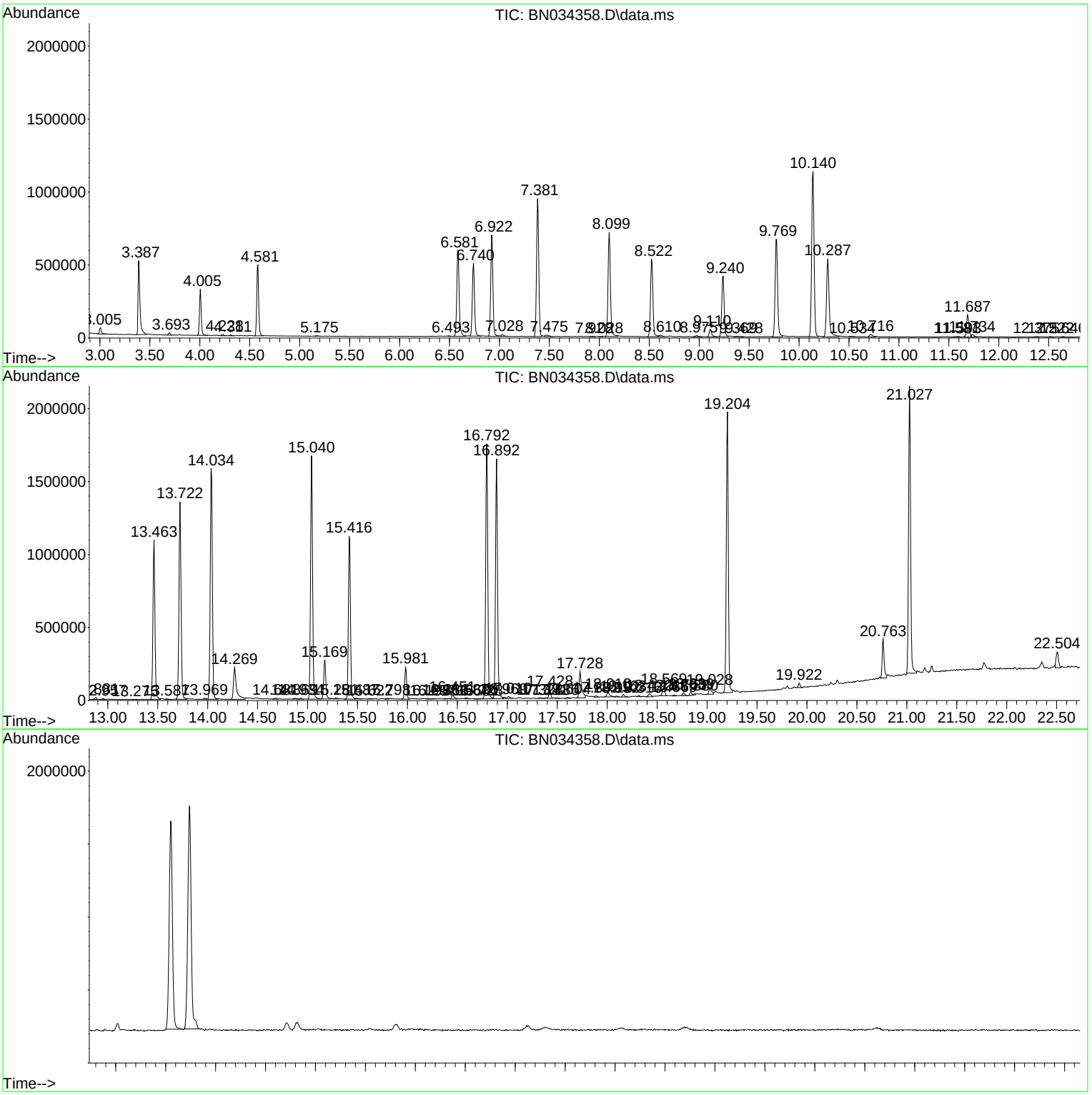
ClientSampleId :
DDCD4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034358.D
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Instrument :
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ClientSampleId :
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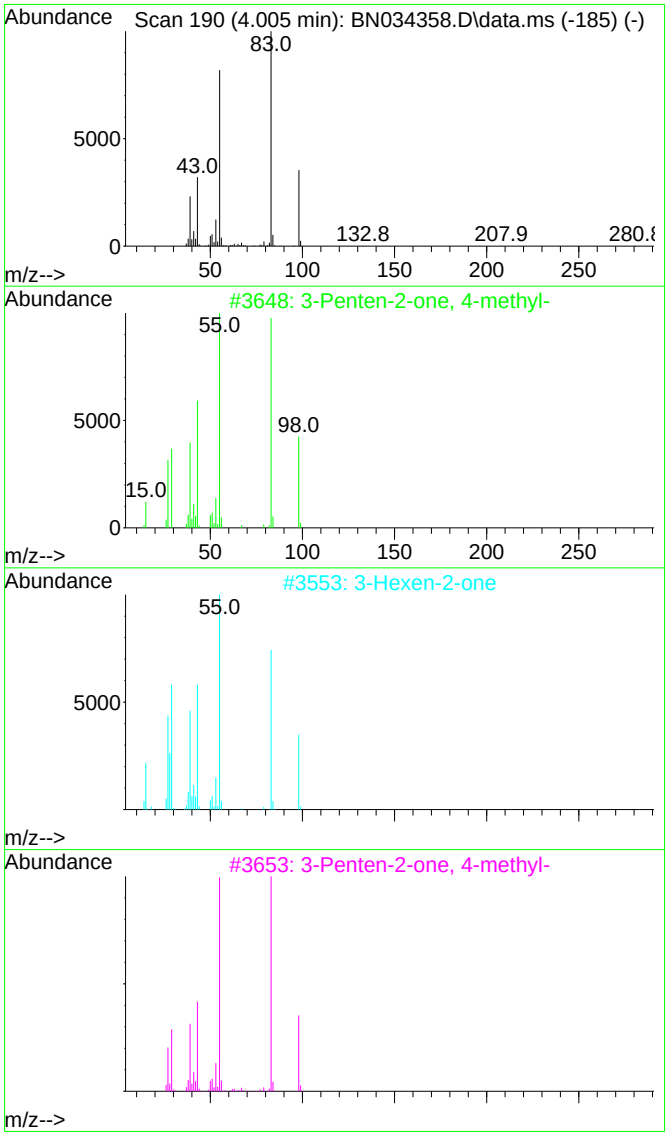
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

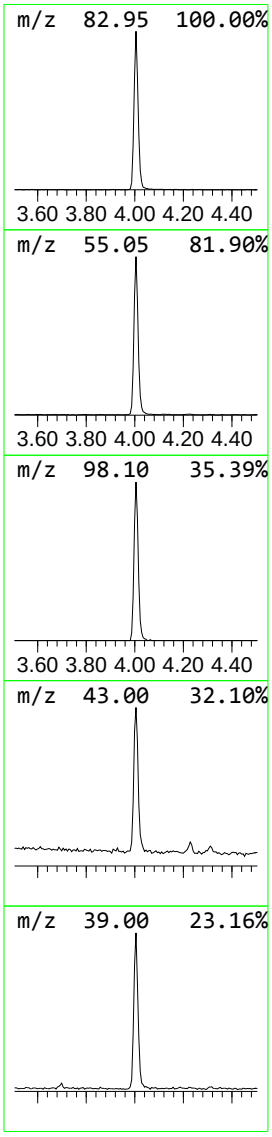
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.005	5.41 ng/ul	382837	1,4-Dichlorobenzene-d4	7.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034358.D
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Operator : RC/JU
Sample : P4017-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDCD4

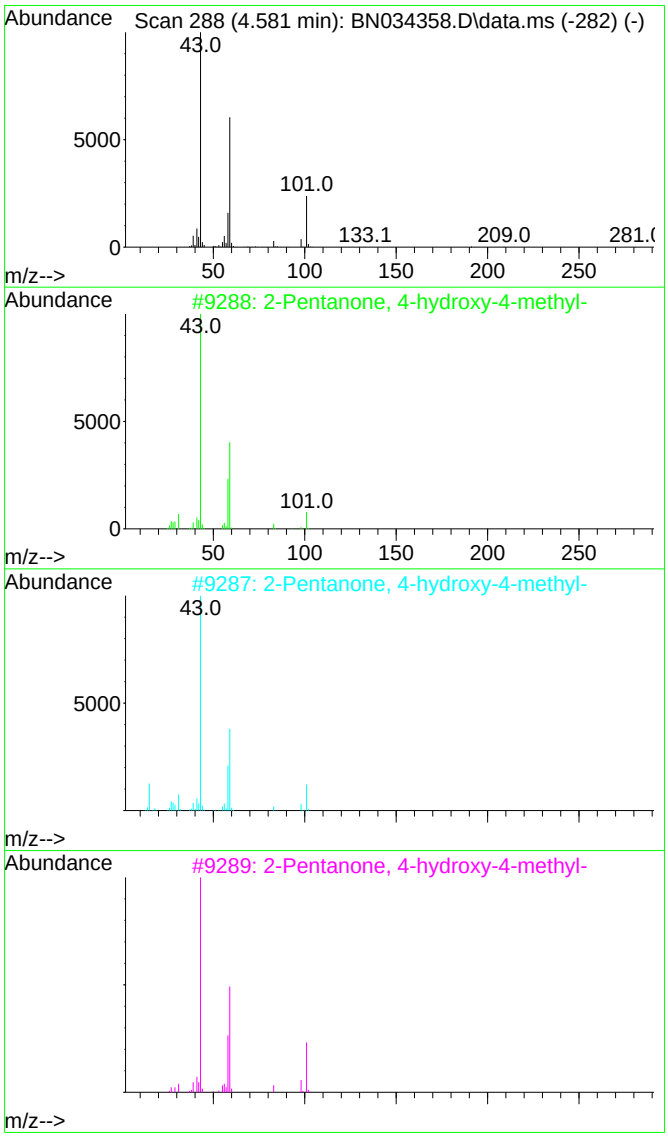
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

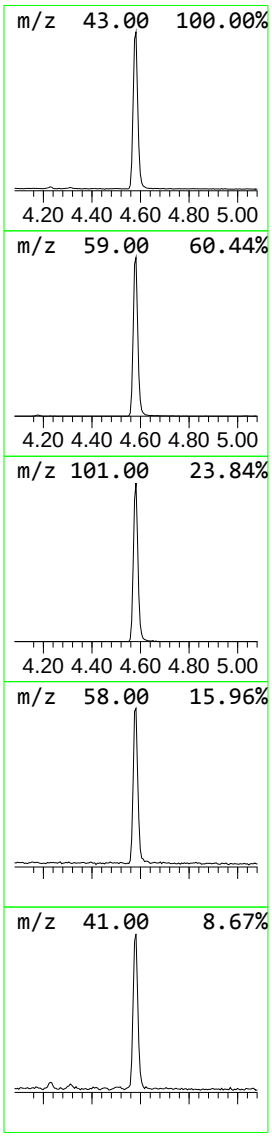
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.581	9.23 ng/ul	652703	1,4-Dichlorobenzene-d4	7.381

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	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17





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ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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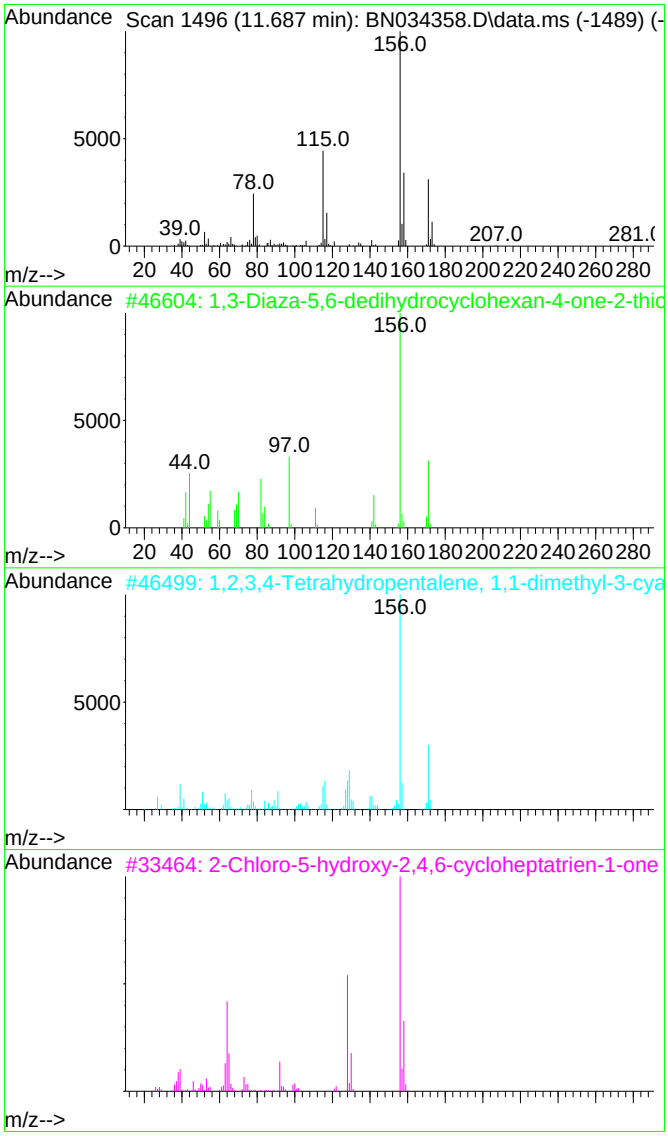
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

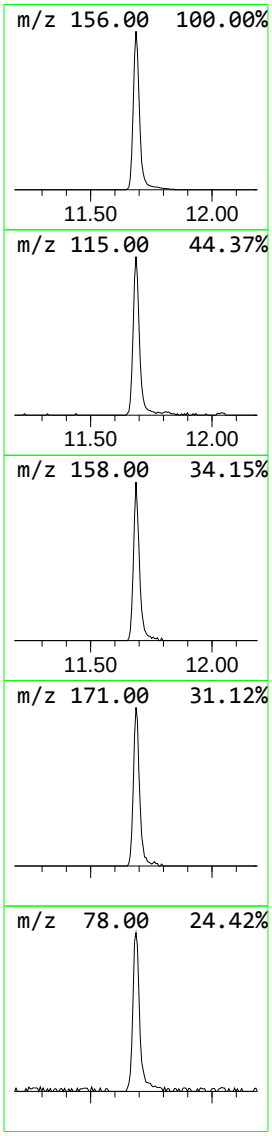
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.687	2.74 ng/ul	261015	Naphthalene-d8	10.140

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diaza-5,6-dedihydrocyclohexa...	171	C6H9N3OS	021263-85-4	38
2	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
3	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	32
4	Chloroxylenol	156	C8H9ClO	000088-04-0	32
5	Cyclopentanone, O-(trimethylsily...	171	C8H17NOSi	026208-87-7	32





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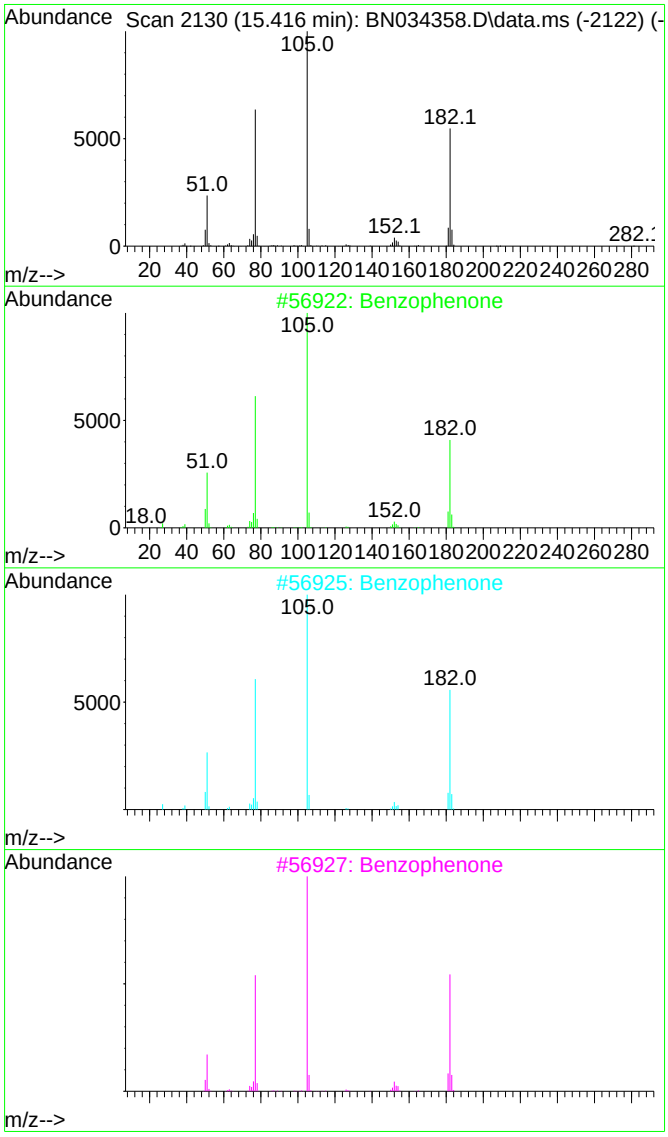
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

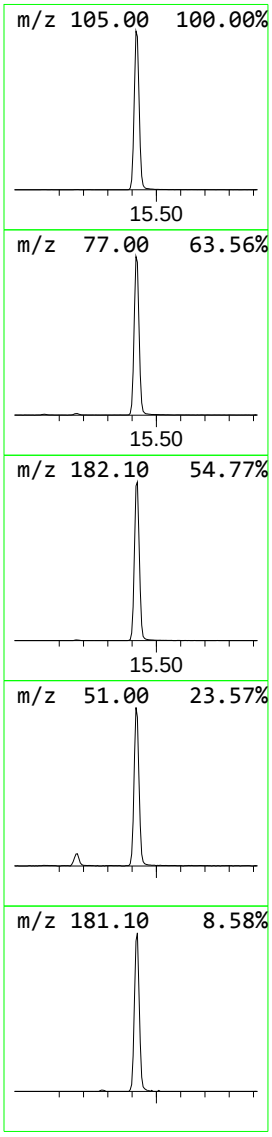
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	12.94 ng/ul	1600860	Phenanthrene-d10	16.792

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	93
5	Benzophenone	182	C13H10O	000119-61-9	91





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Operator : RC/JU
Sample : P4017-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDCD4

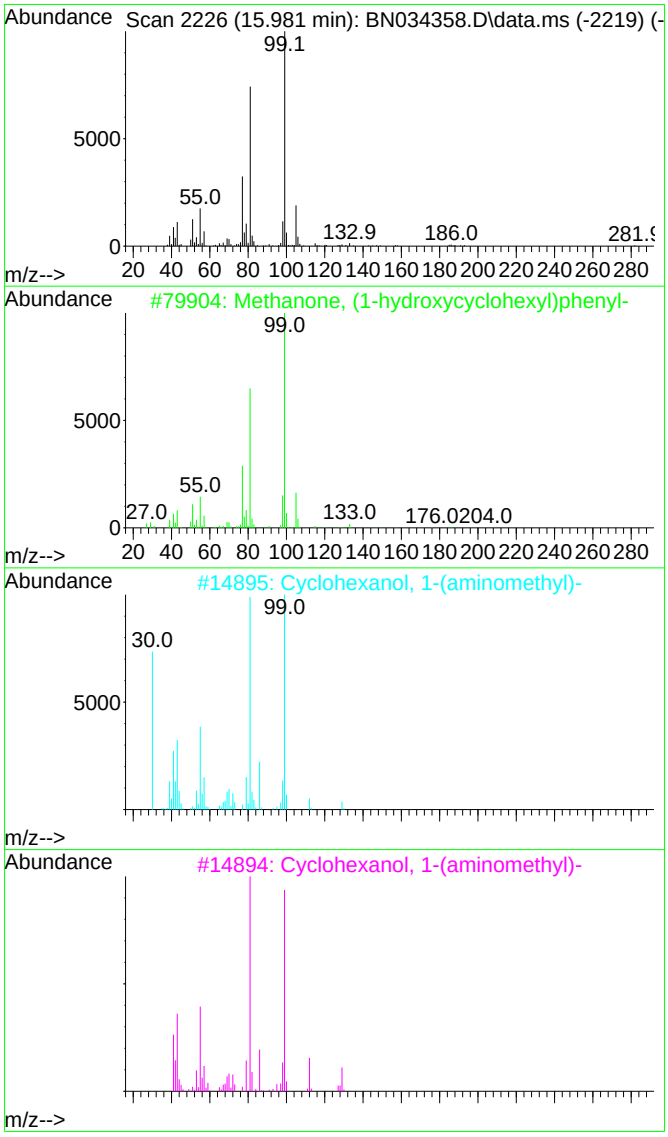
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

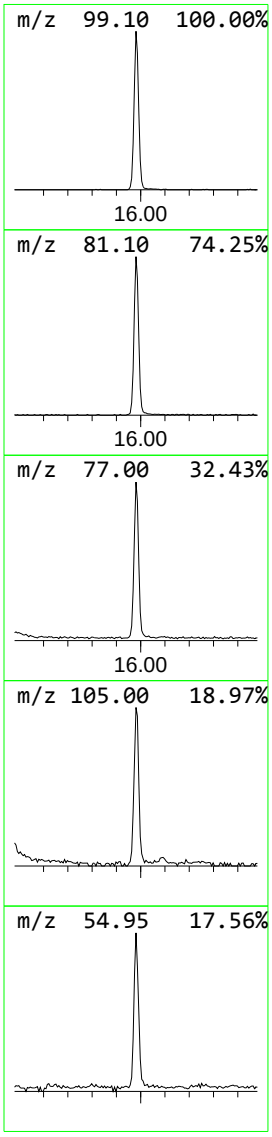
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Methanone, (1-hydroxycycloh... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.981	2.41 ng/ul	298119	Phenanthrene-d10	16.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	90
2	Cyclohexanol, 1-(aminomethyl)-	129	C7H15NO	004000-72-0	64
3	Cyclohexanol, 1-(aminomethyl)-	129	C7H15NO	004000-72-0	50
4	1-Hydroxycyclohexanecarboxylic acid	144	C7H12O3	001123-28-0	45
5	Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	43





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Data File : BN034358.D
Acq On : 03 Oct 2024 06:02
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Sample : P4017-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDCD4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

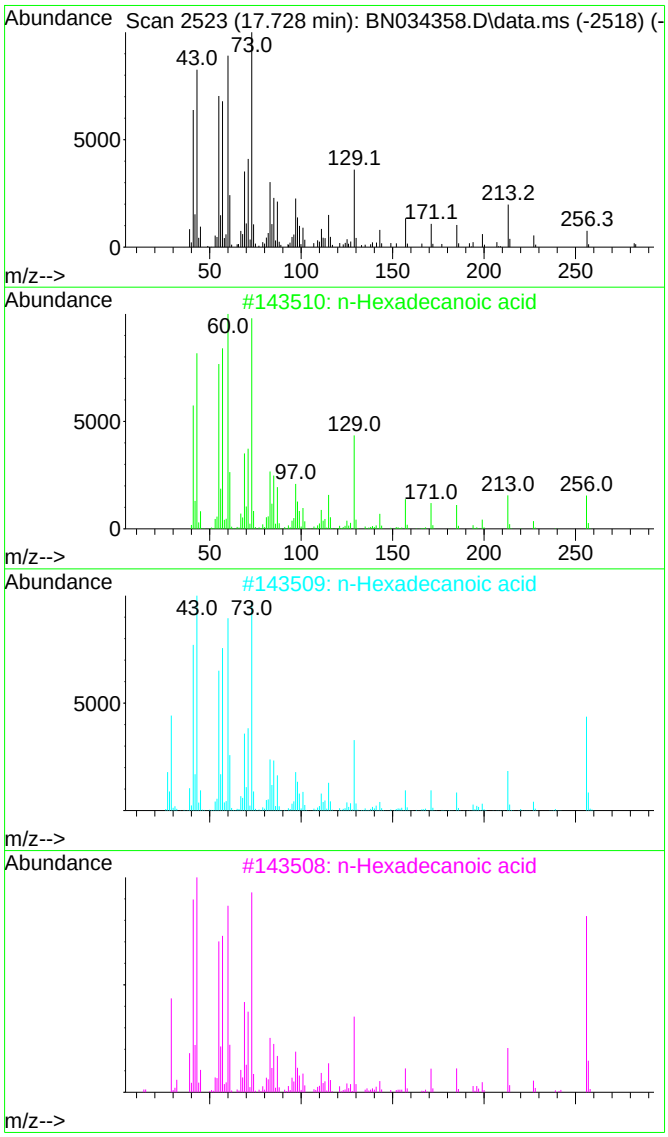
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

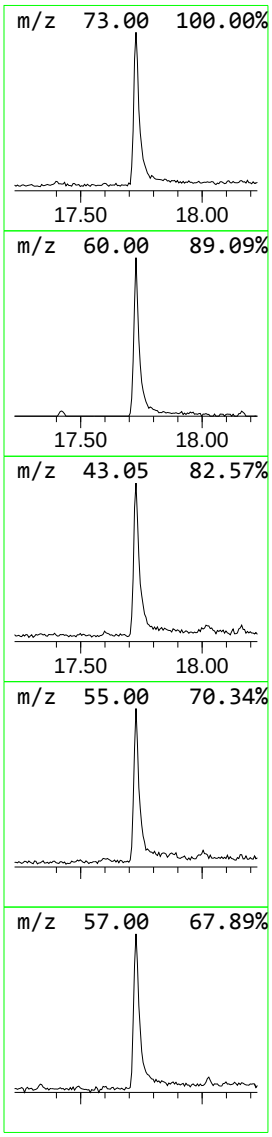
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.728	2.53 ng/ul	312788	Phenanthrene-d10	16.792

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	97
4	Tridecanoic acid	214	C13H26O2	000638-53-9	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034358.D
Acq On : 03 Oct 2024 06:02
Operator : RC/JU
Sample : P4017-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDCD4

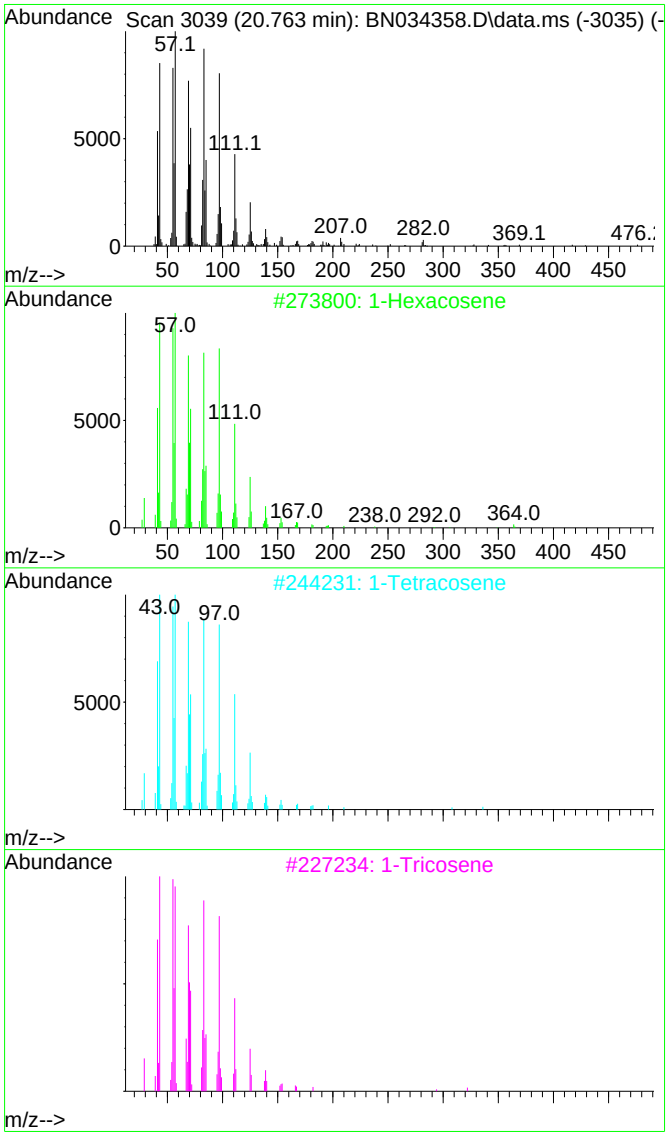
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

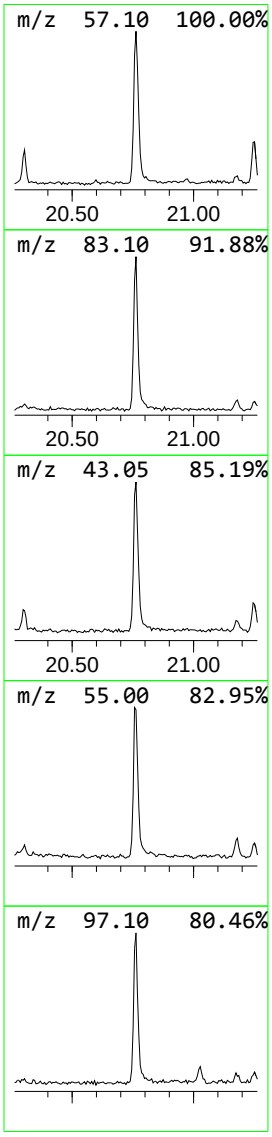
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.763	2.74 ng/ul	369047	Chrysene-d12	21.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	95
2	1-Tetracosene	336	C24H48	010192-32-2	94
3	1-Tricosene	322	C23H46	018835-32-0	94
4	1-Tetracosene	336	C24H48	010192-32-2	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
Data File : BN034358.D
Acq On : 03 Oct 2024 06:02
Operator : RC/JU
Sample : P4017-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDCD4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.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
3-Penten-2-one,...	4.005	5.4	ng/ul	382837	1	7.381	1414250	20.0
2-Pentanone, 4-...	4.581	9.2	ng/ul	652703	1	7.381	1414250	20.0
unknown-01	11.687	2.7	ng/ul	261015	2	10.140	1905380	20.0
Benzophenone	15.416	12.9	ng/ul	1600860	4	16.792	2473890	20.0
Methanone, (1-h...	15.981	2.4	ng/ul	298119	4	16.792	2473890	20.0
n-Hexadecanoic ...	17.728	2.5	ng/ul	312788	4	16.792	2473890	20.0
(DEL) Alkane: S...	20.763	2.7	ng/ul	369047	5	21.027	2697270	20.0