LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041024\
Data File : BN030817.D
Acq On : 10 Apr 2024 15:05
Operator : MA/JU
Sample : P1973-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : YCSS0

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-BN032824.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN030817.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.187	31	34	38	rVB	22802	26305	0.17%	0.030%
2	3.458	77	80	87	rBV	16136	26830	0.17%	0.031%
3	3.599	101	104	122	rBV	198733	368903	2.32%	0.427%
4	4.428	240	245	253	rVB	43936	69909	0.44%	0.081%
5	5.746	464	469	481	rVB2	34454	69673	0.44%	0.081%
6	6.852	651	657	667	rVB	149326	250347	1.57%	0.290%
7	7.022	679	686	696	rBV	657492	1058794	6.65%	1.226%
8	7.211	708	718	729	rBV	637567	1001220	6.29%	1.159%
9	7.675	790	797	805	rBV	705443	1161179	7.29%	1.344%
10	7.746	805	809	816	rVB3	17966	34000	0.21%	0.039%
11	8.381	910	917	928	rBV	528275	847498	5.32%	0.981%
12	8.834	987	994	1004	rVV	844879	1341545	8.42%	1.553%
13	8.999	1016	1022	1032	rVB2	30471	53354	0.34%	0.062%
14	9.240	1056	1063	1068	rVB3	11433	20854	0.13%	0.024%
15	9.405	1086	1091	1098	rBV3	28833	50766	0.32%	0.059%
16	9.552	1108	1116	1129	rBV	627826	1021349	6.41%	1.182%
17	9.875	1165	1171	1177	rBV8	6759	17236	0.11%	0.020%
18	10.081	1199	1206	1226	rBV	1028891	1856494	11.66%	2.149%
19	10.457	1263	1270	1283	rBV	1096203	1856221	11.66%	2.149%
20	10.605	1286	1295	1314	rBV	866864	1620257	10.17%	1.876%
21	11.205	1389	1397	1403	rBV3	31953	64456	0.40%	0.075%
22	11.269	1403	1408	1417	rVB	47549	72751	0.46%	0.084%
23	11.410	1420	1432	1440	rBV	991409	2114870	13.28%	2.448%
24	11.957	1518	1525	1534	rBV	6938	22857	0.14%	0.026%
25	12.052	1537	1541	1547	rVB	18866	30068	0.19%	0.035%
26	12.599	1625	1634	1642	rBV	8388	26623	0.17%	0.031%
27	13.163	1722	1730	1734	rBV4	11983	22910	0.14%	0.027%
28	13.222	1734	1740	1744	rVB	25389	39052	0.25%	0.045%
29	13.740	1821	1828	1843	rBV	2329769	3325625	20.88%	3.850%
30	13.975	1861	1868	1869	rBV	73320	88758	0.56%	0.103%
31	14.016	1869	1875	1882	rVB	2643730	4025645	25.28%	4.660%
32	14.322	1918	1927	1936	rBV	1898738	2743916	17.23%	3.177%
33	14.404	1936	1941	1945	rVV7	20890	38218	0.24%	0.044%
34	14.446	1945	1948	1952	rVB5	22413	30723	0.19%	0.036%
35	14.534	1957	1963	1973	rBV2	117077	254121	1.60%	0.294%
36	14.751	1994	2000	2008	rBV	113026	180019	1.13%	0.208%

LSC Area Percent Report

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Integrator: RTE
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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Title : SVOA CALIBRATION

37	14.881	2017	2022	2031	rBV	52060	107389	0.67%	0.124%
38	15.069	2051	2054	2059	rVB	21709	28208	0.18%	0.033%
39	15.316	2090	2096	2109	rBV	3535862	5258426	33.02%	6.088%
40	15.434	2110	2116	2124	rBV	944196	1318006	8.28%	1.526%
41	15.557	2133	2137	2142	rVB3	13925	24033	0.15%	0.028%
42	15.834	2180	2184	2188	rBV	22059	30308	0.19%	0.035%
43	16.016	2208	2215	2216	rBV7	12156	20206	0.13%	0.023%
44	16.104	2226	2230	2236	rVB3	18643	27387	0.17%	0.032%
45	16.475	2290	2293	2302	rVB3	40832	63680	0.40%	0.074%
46	16.581	2307	2311	2316	rBV2	20738	42429	0.27%	0.049%
47	16.845	2350	2356	2359	rBV4	91355	172077	1.08%	0.199%
48	16.881	2359	2362	2370	rVV	131964	187310	1.18%	0.217%
49	17.069	2385	2394	2404	rBV	2426122	3429445	21.53%	3.970%
50	17.169	2404	2411	2420	rBV2	4174766	5975667	37.52%	6.918%
51	17.334	2436	2439	2442	rBV2	28523	32538	0.20%	0.038%
52	17.381	2442	2447	2453	rVB	117049	179903	1.13%	0.208%
53	17.551	2471	2476	2484	rBV2	71919	128300	0.81%	0.149%
54	17.745	2504	2509	2517	rVB2	324279	497160	3.12%	0.576%
55	17.981	2543	2549	2578	rBV3	991426	2397494	15.05%	2.776%
56	18.216	2579	2589	2617	rBV	7718908	15925386	100.00%	18.436%
57	18.404	2619	2621	2624	rVB3	39503	40317	0.25%	0.047%
58	19.034	2724	2728	2734	rVB3	69081	88273	0.55%	0.102%
59	19.110	2736	2741	2743	rBV2	88450	137207	0.86%	0.159%
60	19.139	2743	2746	2762	rVV	586693	1086191	6.82%	1.257%
61	19.263	2763	2767	2777	rVB	373455	548913	3.45%	0.635%
62	19.469	2796	2802	2810	rVB	5052137	7116352	44.69%	8.238%
63	19.939	2878	2882	2889	rBV2	63682	99524	0.62%	0.115%
64	20.345	2948	2951	2958	rVB4	56450	78178	0.49%	0.091%
65	21.004	3058	3063	3074	rBV	439380	837894	5.26%	0.970%
66	21.310	3109	3115	3124	rBV	2588646	3885678	24.40%	4.498%
67	24.039	3570	3579	3593	rBV	2798700	6909227	43.38%	7.999%
68	24.239	3604	3613	3626	rBV	1492803	3873761	24.32%	4.485%

Sum of corrected areas: 86380213

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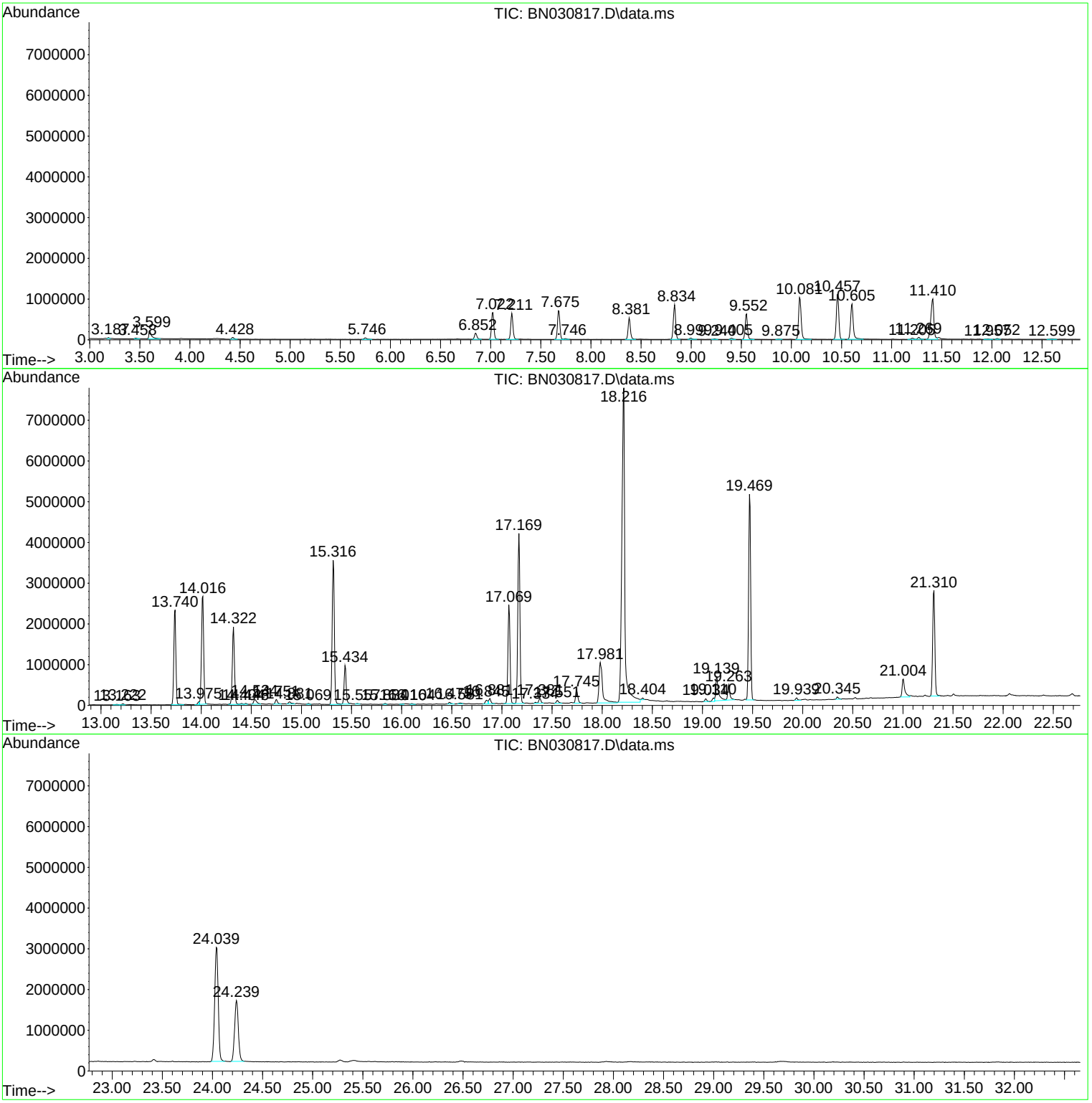
ClientSampleId :
YCSS0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.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
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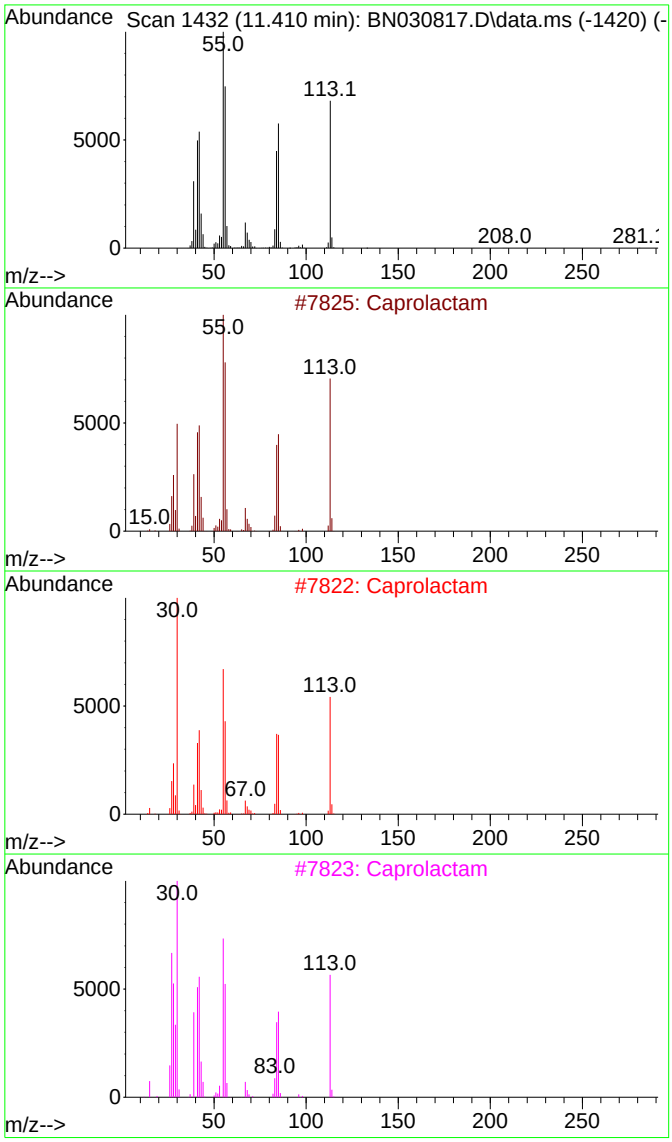
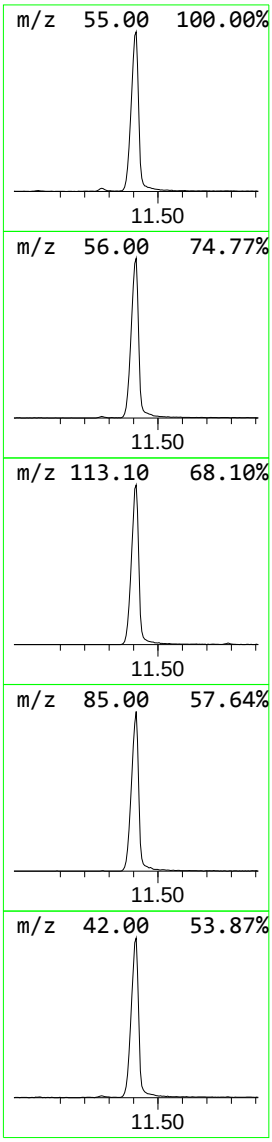
****

Peak Number 1 Capro lactam Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.410	22.79 ng/ul	2114870	Naphthalene-d8	10.458

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caprolactam	113	C6H11NO	000105-60-2	94
2	Caprolactam	113	C6H11NO	000105-60-2	93
3	Caprolactam	113	C6H11NO	000105-60-2	91
4	Caprolactam	113	C6H11NO	000105-60-2	90
5	1-Hexene	84	C6H12	000592-41-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041024\
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Sample : P1973-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
YCSS0

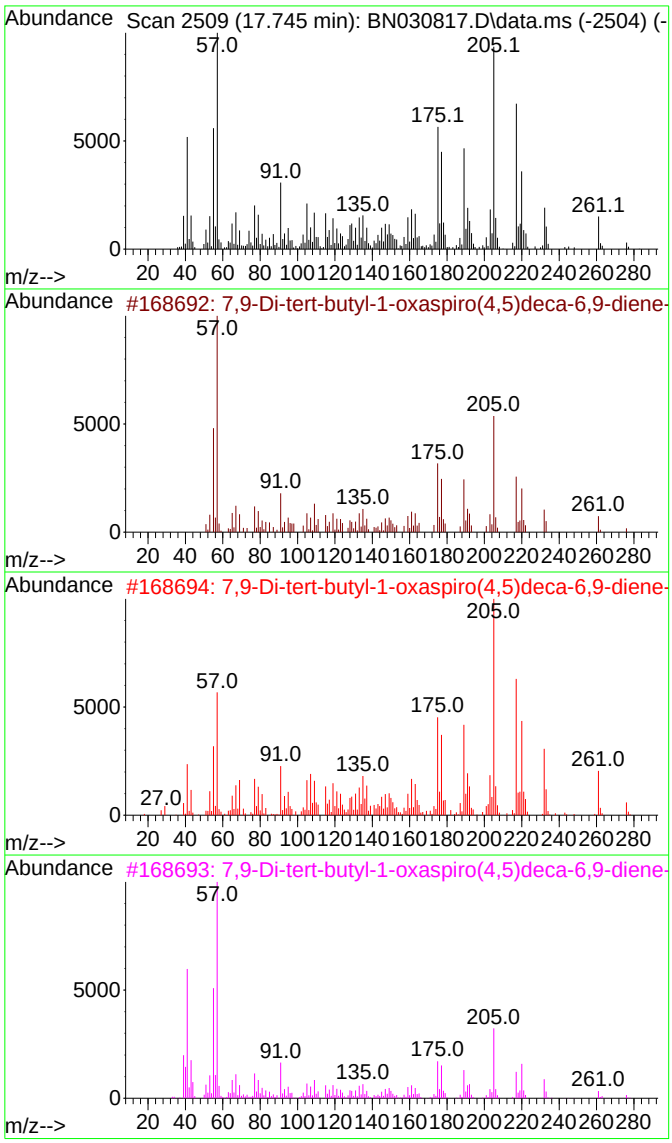
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

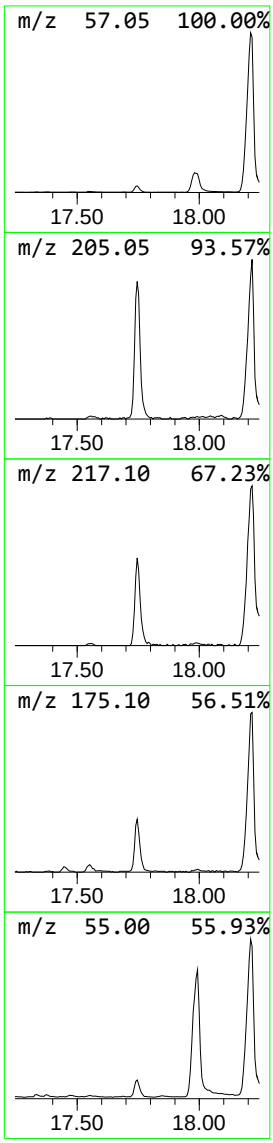
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.745	2.90 ng/ul	497160	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	94
4	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	60
5	2H-2a,7-Methanoazuleno[5,6-b]oxi...	220	C15H24O	029597-36-2	55





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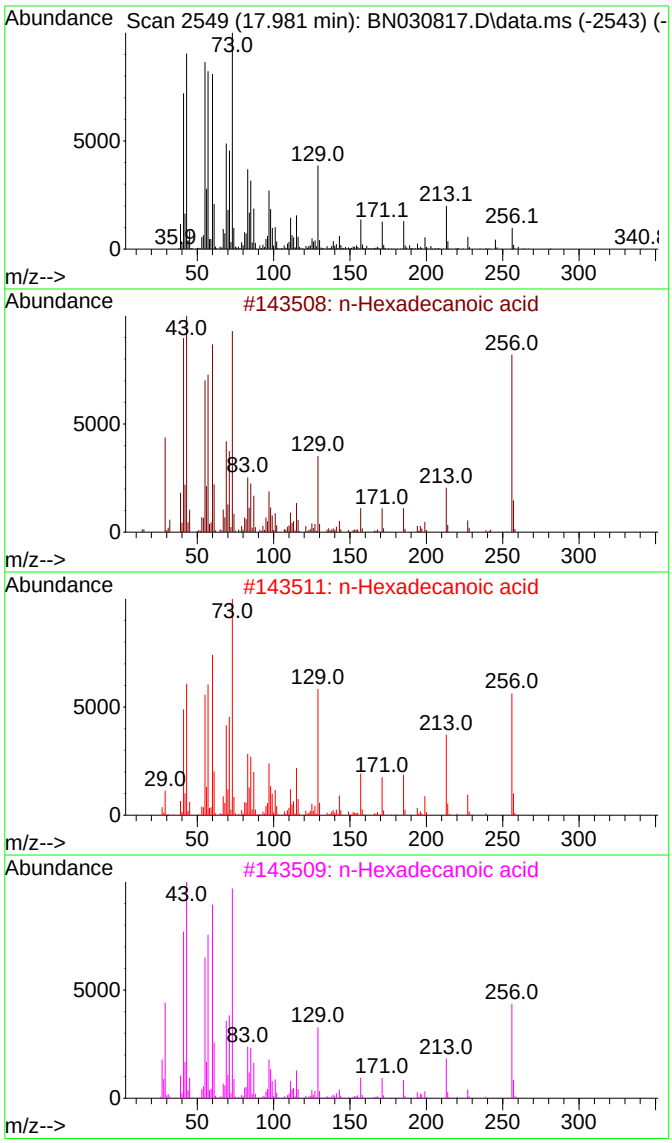
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

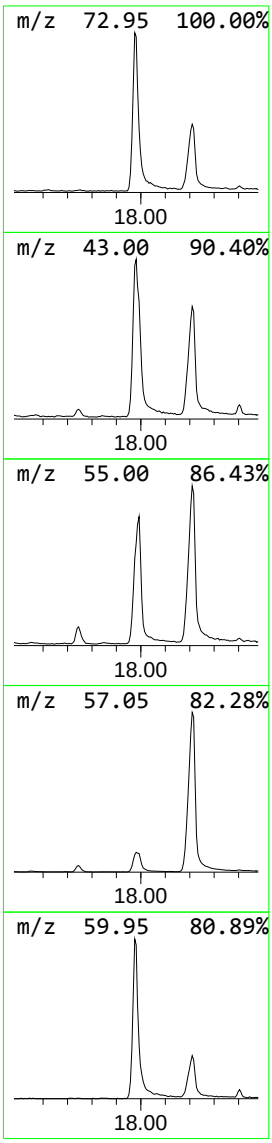
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.981	13.98 ng/ul	2397490	Phenanthrene-d10	17.069

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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	81





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Sample : P1973-09
Misc :
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Instrument :
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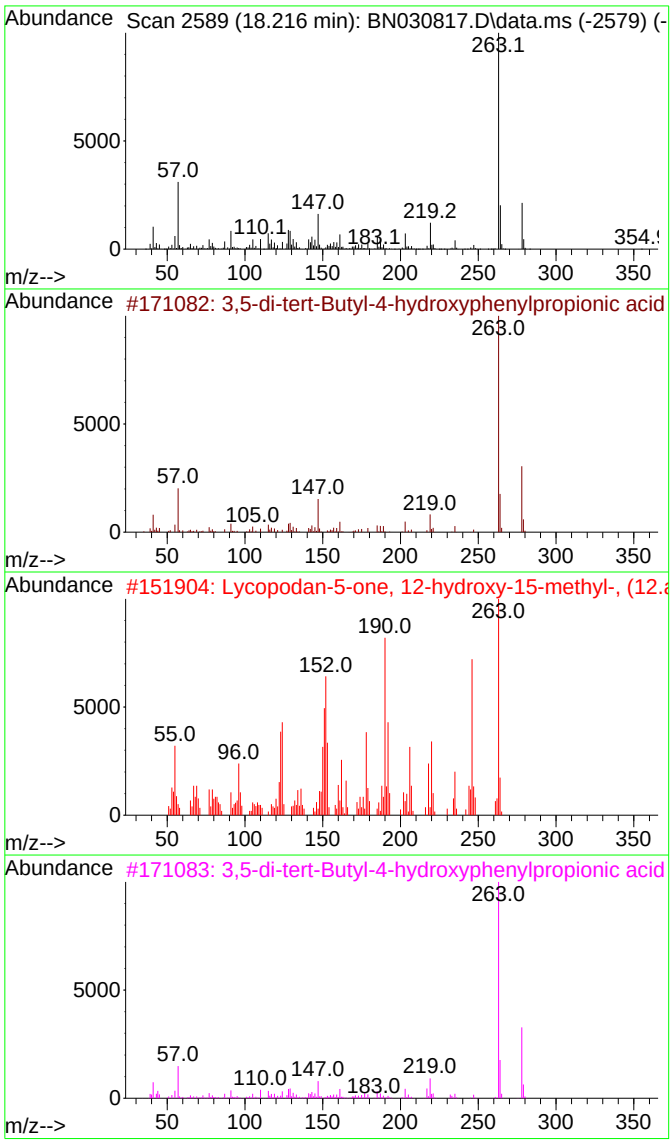
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

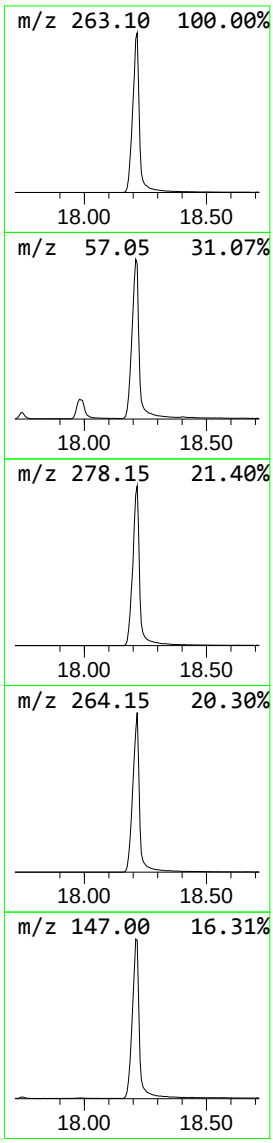
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	92.87 ng/ul	15925400	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	93
2	Lycopodan-5-one, 12-hydroxy-15-m...	263	C16H25NO2	021061-90-5	91
3	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	86
4	5-(2,3-Difluorophenyl)-2-pyridin...	278	C14H16F2N2Si	1000504-49-4	81
5	6,7-Dimethoxy-4(1H)-quinazolinon...	278	C13H18N2O3Si	1000479-65-5	80





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

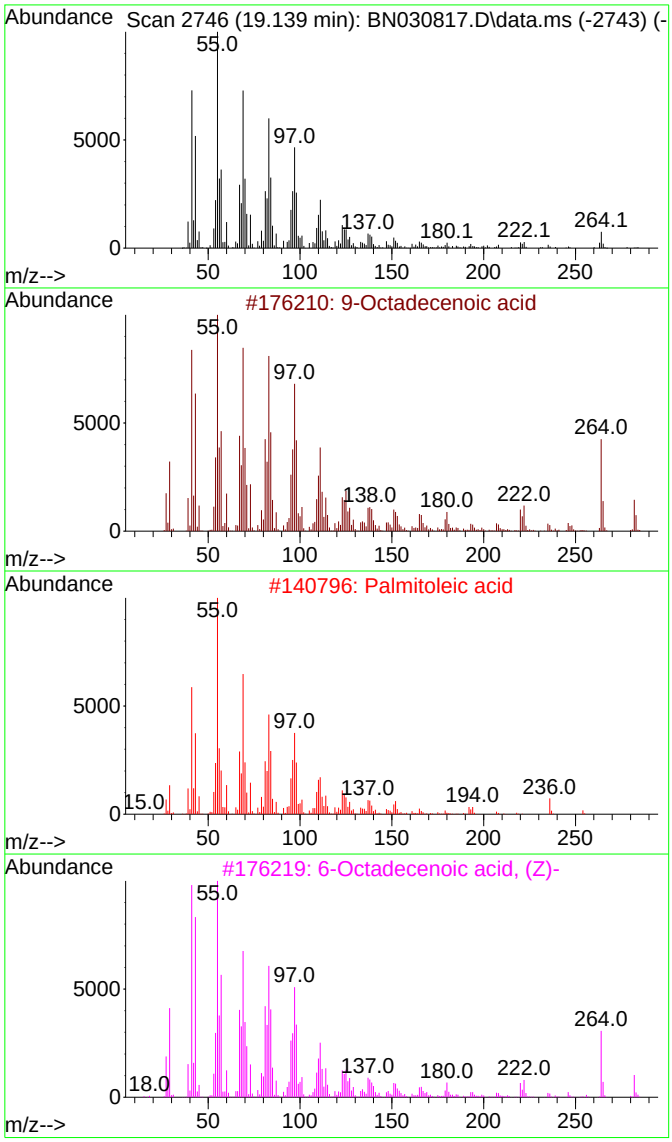
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

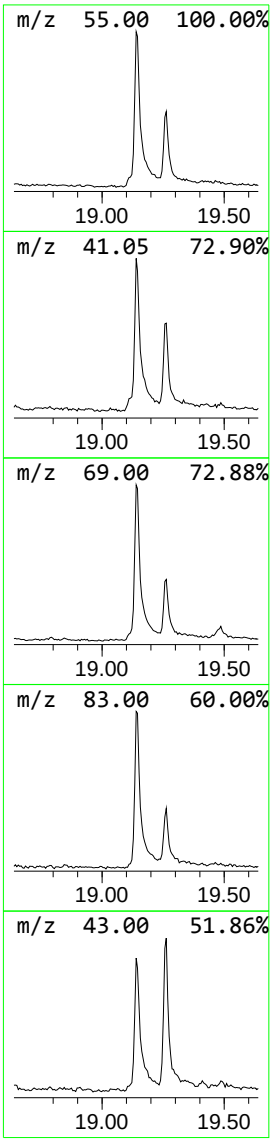
****

Peak Number 5 9-Octadecenoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.139	6.33 ng/ul	1086190	Phenanthrene-d10	17.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid	282	C18H34O2	002027-47-6	99
2	Palmitoleic acid	254	C16H30O2	000373-49-9	95
3	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	94
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	94
5	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	91





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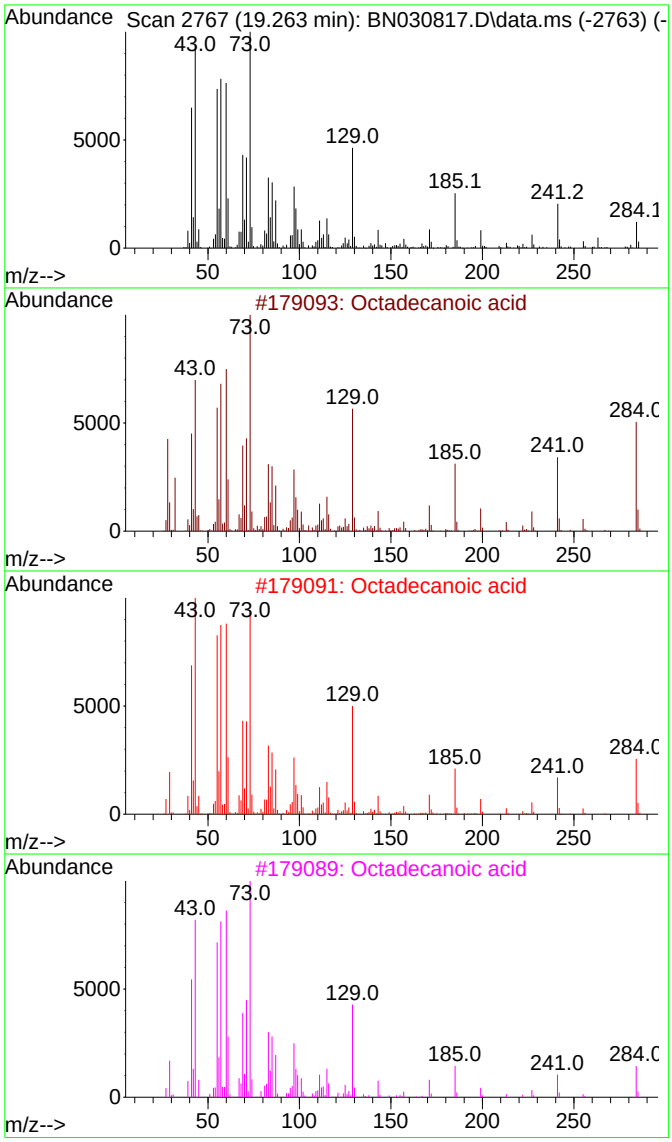
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

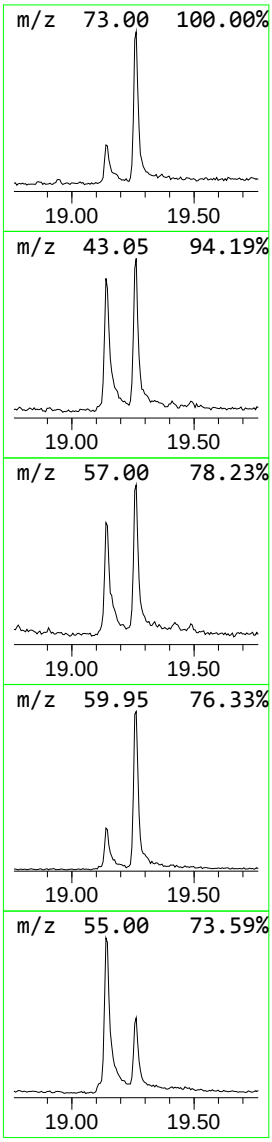
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.263	2.83 ng/ul	548913	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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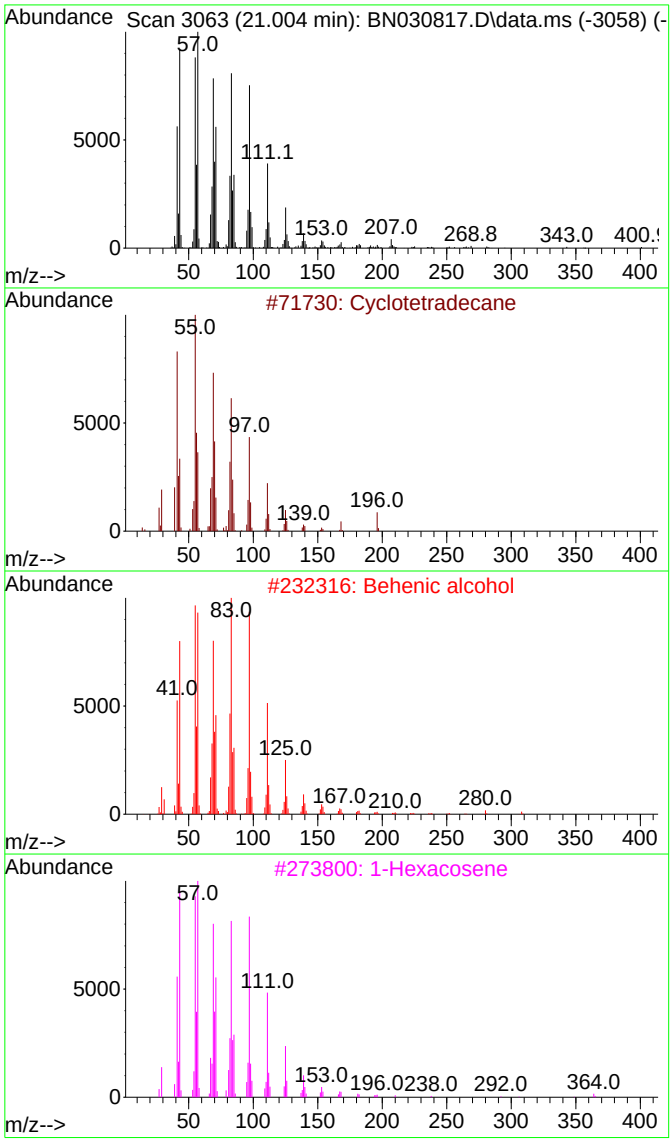
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

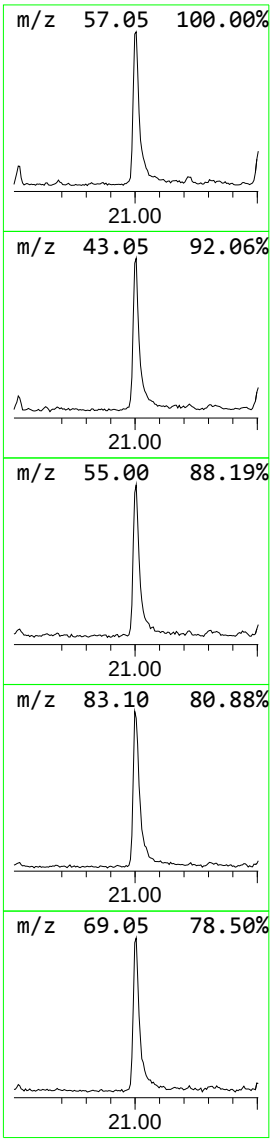
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic21.004 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.004	4.31 ng/ul	837894	Chrysene-d12	21.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	96
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	1-Hexacosene	364	C26H52	018835-33-1	95
4	Cetene	224	C16H32	000629-73-2	94
5	Heptacos-1-ene	378	C27H54	015306-27-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041024\
Data File : BN030817.D
Acq On : 10 Apr 2024 15:05
Operator : MA/JU
Sample : P1973-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
YCSS0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.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
Capro lactam	11.410	22.8	ng/ul	2114870	2	10.458	1856220	20.0
7,9-Di-tert-but...	17.745	2.9	ng/ul	497160	4	17.069	3429450	20.0
n-Hexadecanoic ...	17.981	14.0	ng/ul	2397490	4	17.069	3429450	20.0
3,5-di-tert-But...	18.216	92.9	ng/ul	15925400	4	17.069	3429450	20.0
9-Octadecenoic ...	19.139	6.3	ng/ul	1086190	4	17.069	3429450	20.0
Octadecanoic acid	19.263	2.8	ng/ul	548913	5	21.310	3885680	20.0
(DEL) Alkane: C...	21.004	4.3	ng/ul	837894	5	21.310	3885680	20.0