LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030673.D
Acq On : 05 Apr 2024 14:21
Operator : MA/JU
Sample : P1989-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E07T5

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: BN030673.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.117	18	22	24	rBV5	5718	8355	0.14%	0.013%
2	3.193	31	35	41	rVB	32083	40896	0.70%	0.066%
3	3.458	76	80	88	rBV	46304	68392	1.17%	0.110%
4	3.599	101	104	118	rBV	416918	639987	10.94%	1.028%
5	3.917	156	158	162	rVB4	6915	7747	0.13%	0.012%
6	4.281	211	220	226	rBV5	21287	57112	0.98%	0.092%
7	5.787	473	476	482	rVB2	8744	12381	0.21%	0.020%
8	6.652	620	623	625	rBV3	7139	8360	0.14%	0.013%
9	6.675	625	627	632	rVB4	7118	10115	0.17%	0.016%
10	6.858	651	658	672	rBV	733283	1182663	20.21%	1.900%
11	7.028	681	687	698	rVB	574886	922226	15.76%	1.482%
12	7.222	710	720	729	rBV	723642	1137062	19.43%	1.827%
13	7.305	729	734	744	rVB6	9567	21987	0.38%	0.035%
14	7.381	744	747	751	rVB5	6618	10226	0.17%	0.016%
15	7.540	772	774	782	rVB9	3257	6108	0.10%	0.010%
16	7.693	792	800	807	rBV	488304	784316	13.40%	1.260%
17	7.758	807	811	816	rVB5	9162	17373	0.30%	0.028%
18	8.393	912	919	932	rBV	1005057	1595381	27.26%	2.563%
19	8.846	988	996	1008	rBV	730092	1183883	20.23%	1.902%
20	9.010	1018	1024	1029	rVB	47430	71311	1.22%	0.115%
21	9.252	1061	1065	1072	rVB	17384	29316	0.50%	0.047%
22	9.410	1088	1092	1101	rVB2	35303	58787	1.00%	0.094%
23	9.563	1109	1118	1133	rBV	608290	1014728	17.34%	1.630%
24	9.669	1133	1136	1142	rVB6	4444	9162	0.16%	0.015%
25	9.787	1152	1156	1163	rVB6	4840	9164	0.16%	0.015%
26	10.093	1201	1208	1223	rBV	1000458	1682316	28.75%	2.703%
27	10.257	1230	1236	1244	rBV	61754	104177	1.78%	0.167%
28	10.475	1265	1273	1283	rBV	770966	1290973	22.06%	2.074%
29	10.616	1286	1297	1312	rBV	980920	1690630	28.89%	2.716%
30	11.016	1357	1365	1371	rBV9	10612	26074	0.45%	0.042%
31	11.146	1384	1387	1391	rVB6	4530	6500	0.11%	0.010%
32	11.216	1393	1399	1404	rBV	38384	71357	1.22%	0.115%
33	11.422	1425	1434	1443	rVB4	33782	56613	0.97%	0.091%
34	11.899	1511	1515	1521	rBV5	11162	18637	0.32%	0.030%
35	11.981	1523	1529	1534	rVB5	5451	9756	0.17%	0.016%
36	12.069	1536	1544	1549	rVV2	21061	34720	0.59%	0.056%

LSC Area Percent Report

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Sample : P1989-03
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E07T5

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

37	12.122	1549	1553	1557	rVB4	4889	6783	0.12%	0.011%
38	12.228	1566	1571	1577	rBV	17765	28748	0.49%	0.046%
39	12.587	1628	1632	1639	rBV7	6928	12441	0.21%	0.020%
40	12.787	1661	1666	1671	rBV5	15248	24813	0.42%	0.040%
41	12.975	1695	1698	1707	rVB10	3997	8802	0.15%	0.014%
42	13.157	1722	1729	1737	rBV5	11094	17500	0.30%	0.028%
43	13.234	1737	1742	1748	rVB2	18645	30021	0.51%	0.048%
44	13.298	1748	1753	1762	rBV6	8164	14298	0.24%	0.023%
45	13.751	1823	1830	1836	rBV	2029056	2790454	47.68%	4.483%
46	13.863	1844	1849	1855	rVB6	14617	21693	0.37%	0.035%
47	14.028	1865	1877	1888	rBV	2319544	3478988	59.45%	5.590%
48	14.240	1909	1913	1920	rVB3	7808	11020	0.19%	0.018%
49	14.334	1920	1929	1940	rBV	1350355	1981346	33.86%	3.183%
50	14.534	1954	1963	1983	rBV	914332	1604541	27.42%	2.578%
51	14.751	1996	2000	2007	rVB6	17934	28587	0.49%	0.046%
52	15.140	2061	2066	2068	rBV3	7733	12033	0.21%	0.019%
53	15.192	2072	2075	2082	rVV5	8463	12377	0.21%	0.020%
54	15.328	2091	2098	2110	rBV	2889415	4315261	73.73%	6.933%
55	15.445	2112	2118	2130	rBV	760324	1074706	18.36%	1.727%
56	15.575	2135	2140	2149	rVB5	15086	30339	0.52%	0.049%
57	16.057	2219	2222	2226	rBV2	9174	11549	0.20%	0.019%
58	16.116	2228	2232	2238	rVB4	17938	24947	0.43%	0.040%
59	16.492	2292	2296	2299	rBV5	10623	14451	0.25%	0.023%
60	16.569	2305	2309	2311	rBV5	4484	5881	0.10%	0.009%
61	16.763	2339	2342	2345	rBV4	5847	5860	0.10%	0.009%
62	16.851	2354	2357	2362	rBV5	10052	18660	0.32%	0.030%
63	16.898	2363	2365	2371	rVB6	5542	7371	0.13%	0.012%
64	17.081	2390	2396	2403	rBV	1744112	2508584	42.86%	4.030%
65	17.181	2407	2413	2423	rBV2	3372086	4805775	82.12%	7.721%
66	17.281	2427	2430	2434	rVB6	12151	15373	0.26%	0.025%
67	17.375	2443	2446	2450	rVB3	4525	6554	0.11%	0.011%
68	17.475	2458	2463	2471	rVB9	9257	18411	0.31%	0.030%
69	17.586	2479	2482	2485	rBV5	6244	8571	0.15%	0.014%
70	17.639	2488	2491	2495	rVB	10340	12420	0.21%	0.020%
71	17.757	2507	2511	2515	rVB3	32652	43057	0.74%	0.069%
72	17.863	2524	2529	2534	rBV8	10139	21576	0.37%	0.035%
73	17.922	2537	2539	2544	rVB5	7310	6350	0.11%	0.010%
74	17.986	2544	2550	2575	rBV	685117	1203187	20.56%	1.933%
75	18.281	2596	2600	2603	rBV5	13002	19971	0.34%	0.032%
76	18.322	2605	2607	2613	rVB7	13367	17543	0.30%	0.028%

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Instrument :
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ClientSampleId :
E07T5

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Title : SVOA CALIBRATION

77	18.422	2621	2624	2627	rVB4	17855	19739	0.34%	0.032%
78	18.463	2629	2631	2634	rBV4	6694	8592	0.15%	0.014%
79	18.657	2661	2664	2666	rBV4	7783	8691	0.15%	0.014%
80	18.975	2714	2718	2722	rVB	37047	43815	0.75%	0.070%
81	19.045	2726	2730	2733	rBV	57201	69230	1.18%	0.111%
82	19.128	2738	2744	2745	rBV2	202918	264467	4.52%	0.425%
83	19.157	2745	2749	2765	rVV2	1090242	2127871	36.36%	3.419%
84	19.275	2765	2769	2782	rVB	1008576	1481206	25.31%	2.380%
85	19.480	2798	2804	2812	rVB2	4170091	5852435	100.00%	9.403%
86	20.039	2897	2899	2903	rVB2	46971	50735	0.87%	0.082%
87	20.357	2949	2953	2958	rBV	444935	589616	10.07%	0.947%
88	20.539	2981	2984	2987	rVB2	68667	74885	1.28%	0.120%
89	21.010	3060	3064	3077	rBV	462490	742543	12.69%	1.193%
90	21.322	3111	3117	3131	rVB2	1961396	2983649	50.98%	4.794%
91	22.698	3346	3351	3368	rVB5	251029	656510	11.22%	1.055%
92	23.445	3475	3478	3485	rVB2	113177	196979	3.37%	0.316%
93	24.068	3574	3584	3598	rVB2	2376218	5841438	99.81%	9.385%
94	24.263	3609	3617	3634	rVB	1174789	3048080	52.08%	4.897%

Sum of corrected areas: 62240114

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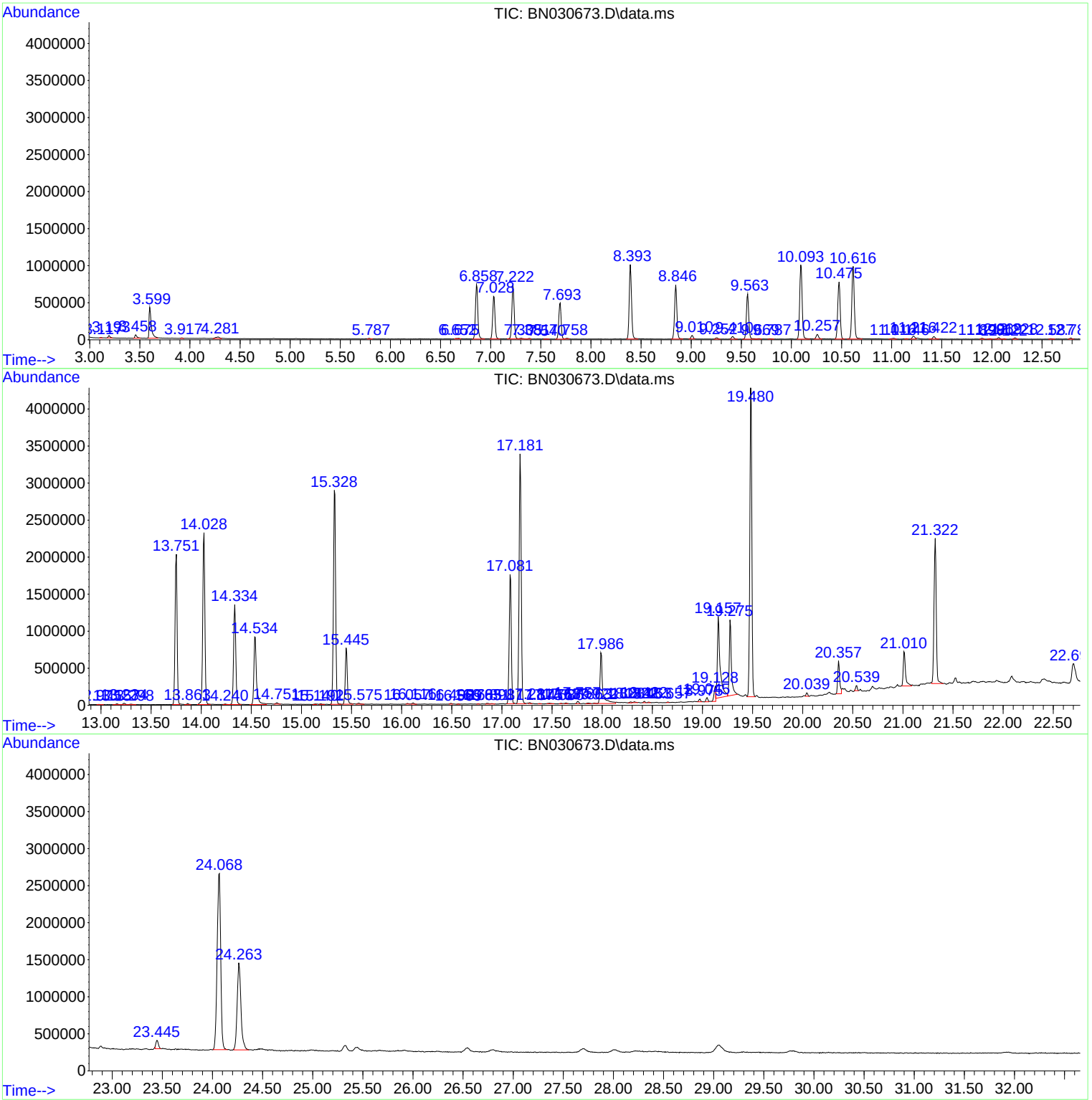
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

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



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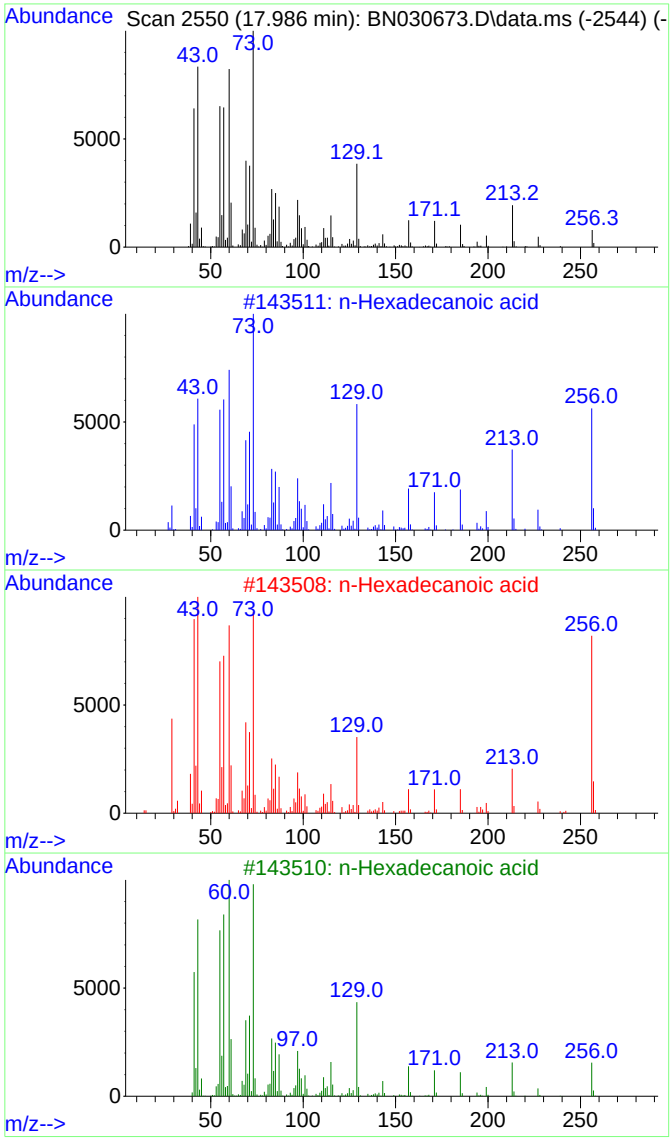
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

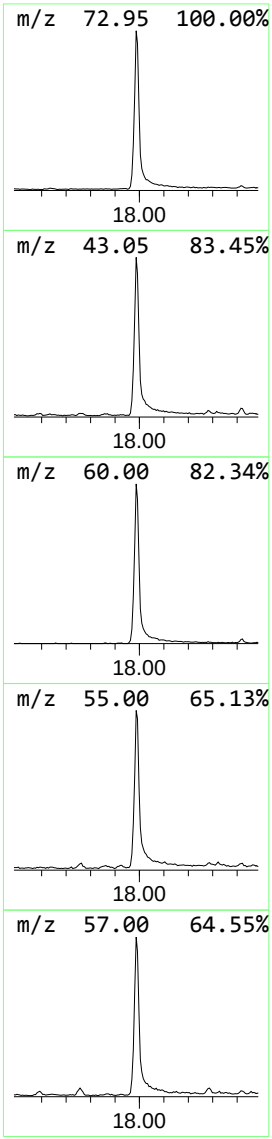
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	9.59 ng/ul	1203190	Phenanthrene-d10	17.081

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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





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Acq On : 05 Apr 2024 14:21
Operator : MA/JU
Sample : P1989-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E07T5

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

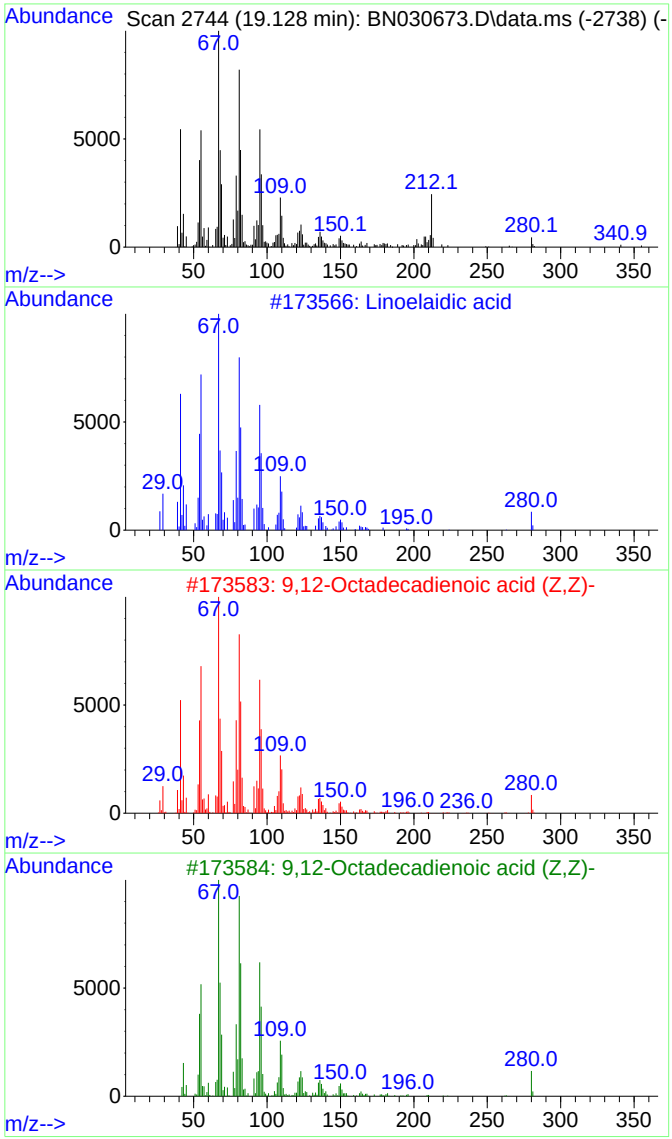
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

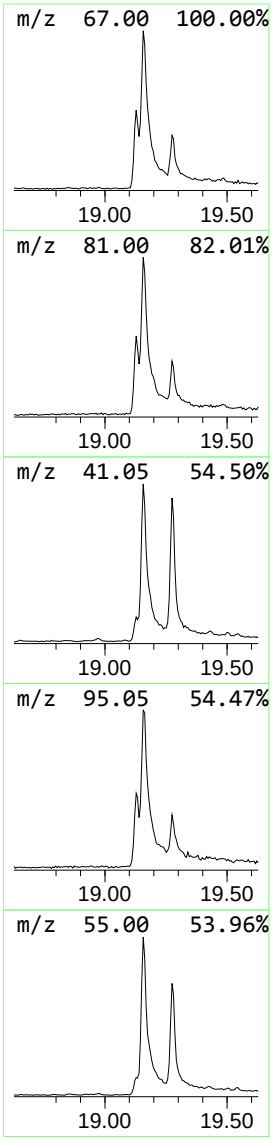
****

Peak Number 2 Linoelaidic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.128	2.11 ng/ul	264467	Phenanthrene-d10	17.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Linoelaidic acid	280	C18H32O2	000506-21-8	99
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
3	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
4	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	99
5	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	96





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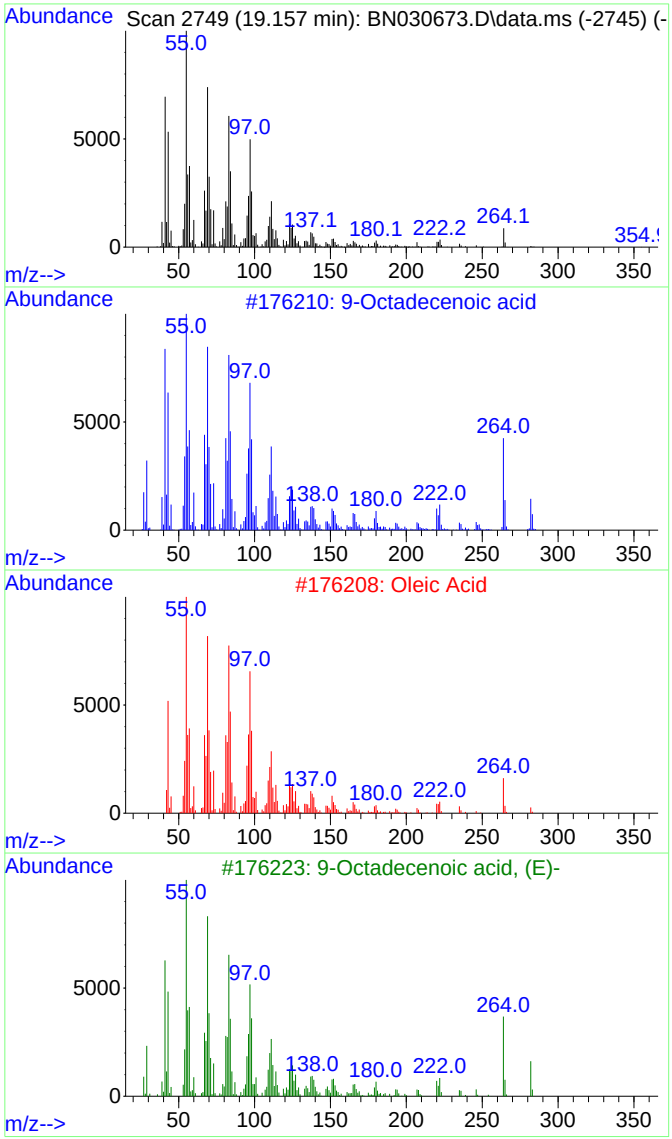
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

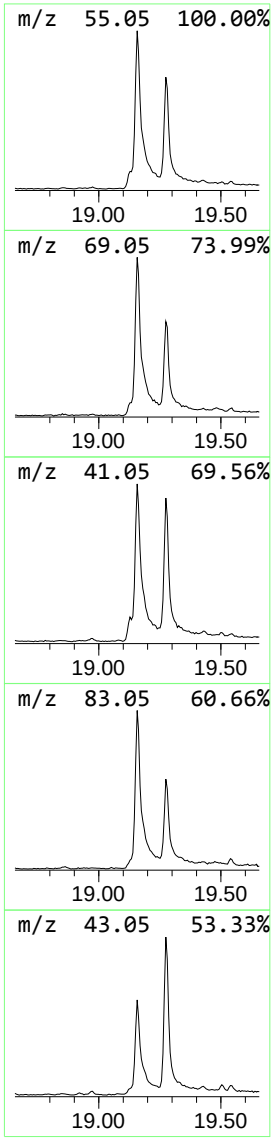
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9-Octadecenoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.157	16.96 ng/ul	2127870	Phenanthrene-d10	17.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid	282	C18H34O2	002027-47-6	99
2	Oleic Acid	282	C18H34O2	000112-80-1	91
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	90
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	86
5	17-Pentatriacontene	491	C35H70	006971-40-0	83





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Sample : P1989-03
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ALS Vial : 7 Sample Multiplier: 1

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

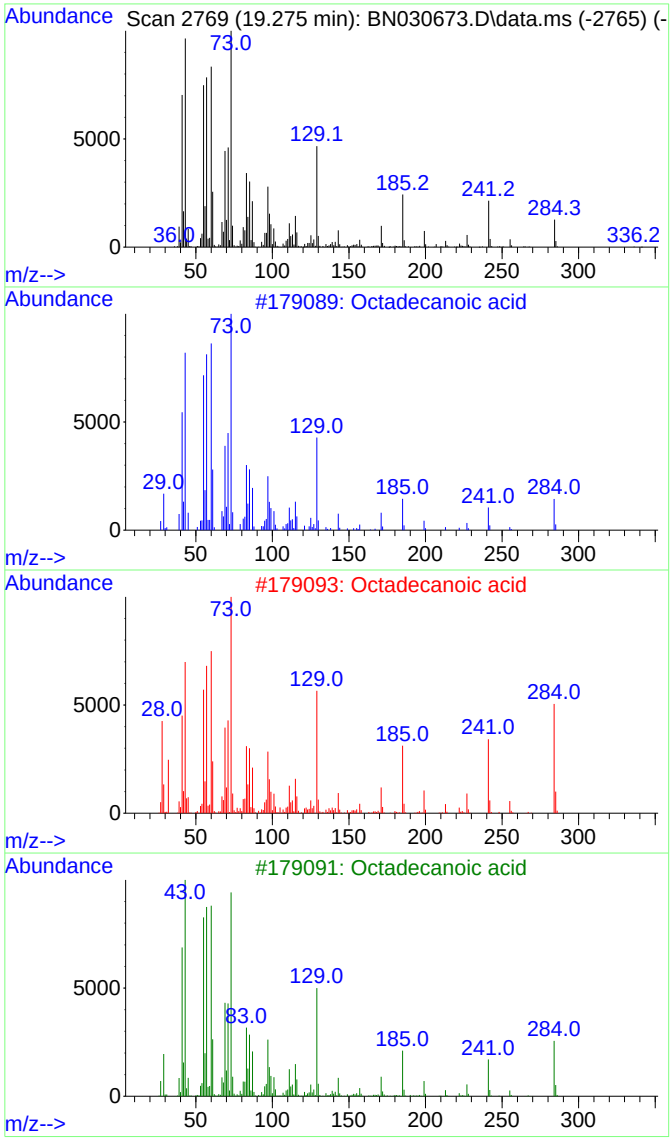
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

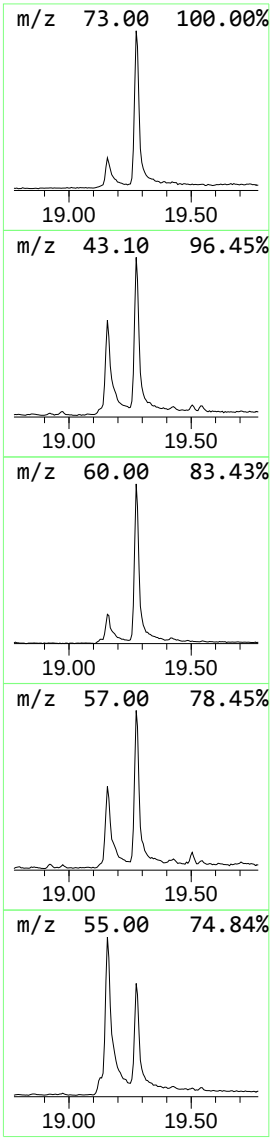
****

Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.275	9.93 ng/ul	1481210	Chrysene-d12	21.322

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	96
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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ALS Vial : 7 Sample Multiplier: 1

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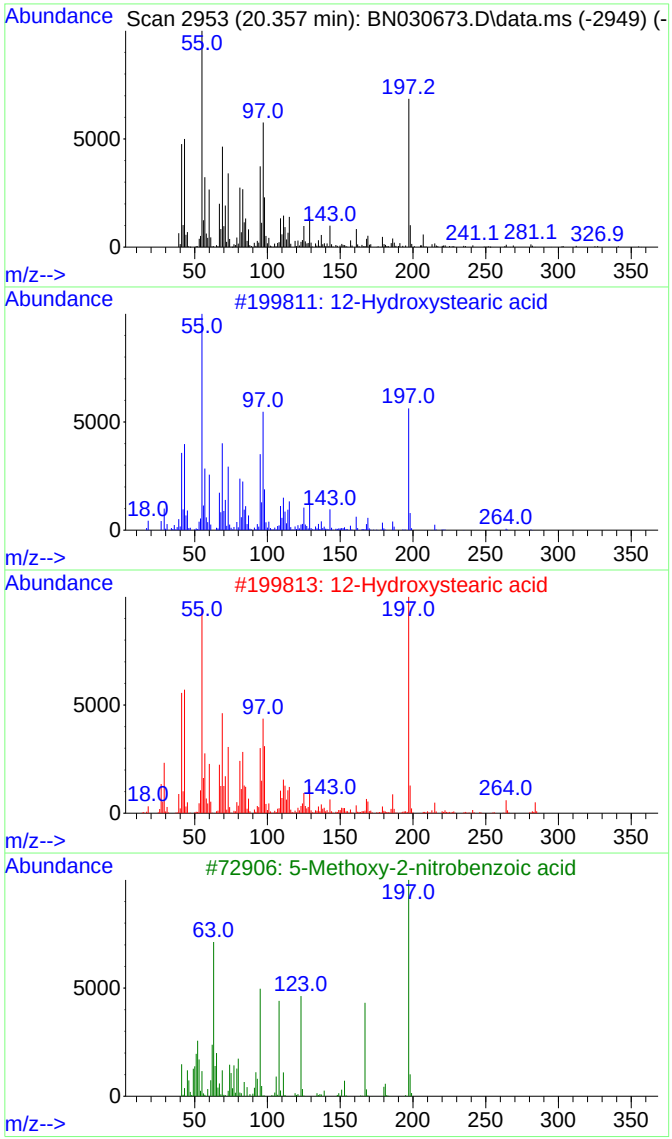
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

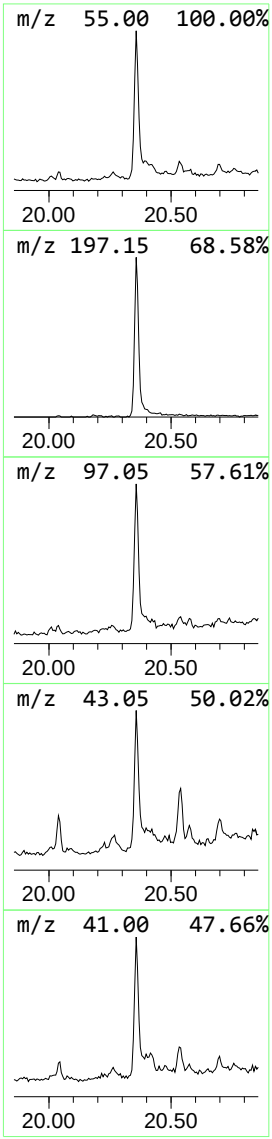
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 12-Hydroxystearic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.357	3.95 ng/ul	589616	Chrysene-d12	21.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	12-Hydroxystearic acid	300	C18H36O3	000106-14-9	94
2	12-Hydroxystearic acid	300	C18H36O3	000106-14-9	59
3	5-Methoxy-2-nitrobenzoic acid	197	C8H7NO5	001882-69-5	22
4	1-Dodecene	168	C12H24	000112-41-4	18
5	Terephthalonitrile, 2-amino-3,5,...	197	C8H2F3N3	133622-66-9	18





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ALS Vial : 7 Sample Multiplier: 1

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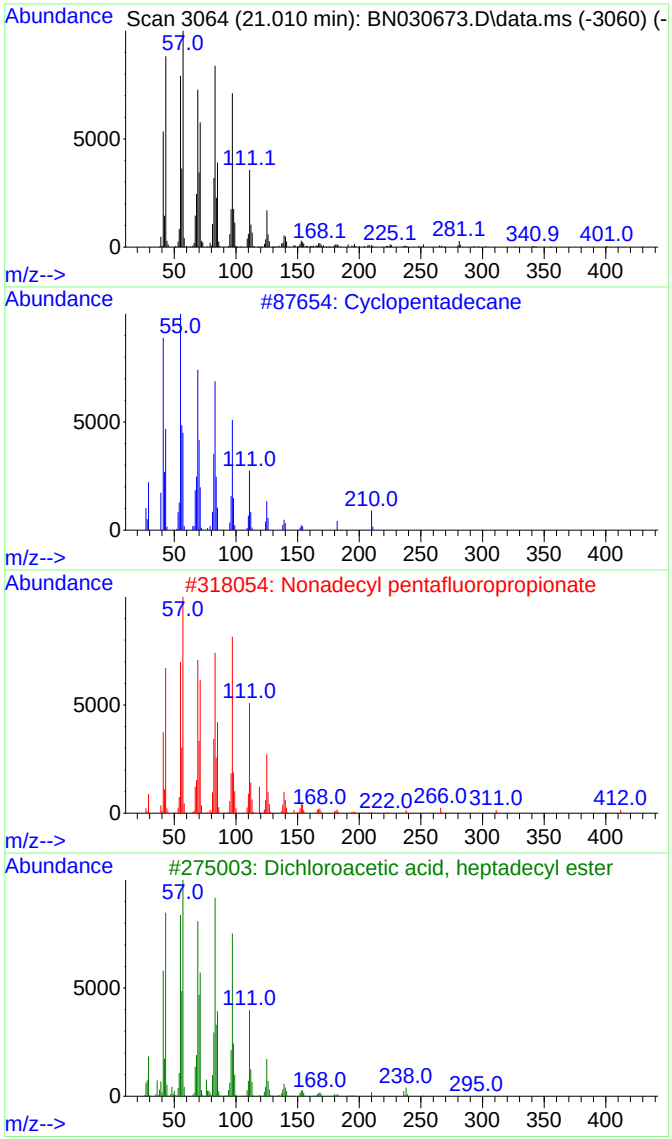
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

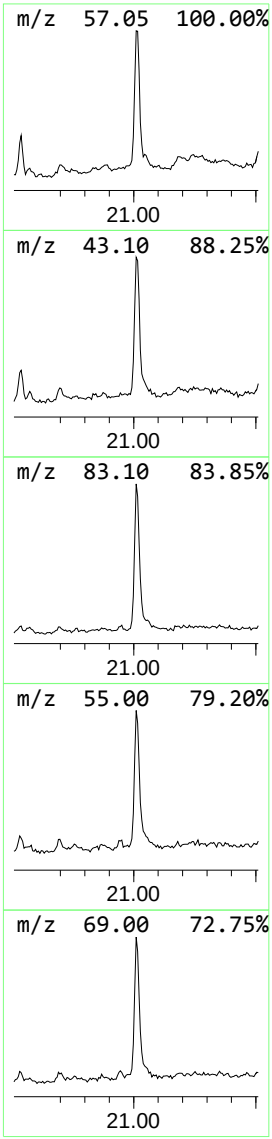
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic21.010 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.010	4.98 ng/ul	742543	Chrysene-d12	21.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030673.D
Acq On : 05 Apr 2024 14:21
Operator : MA/JU
Sample : P1989-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E07T5

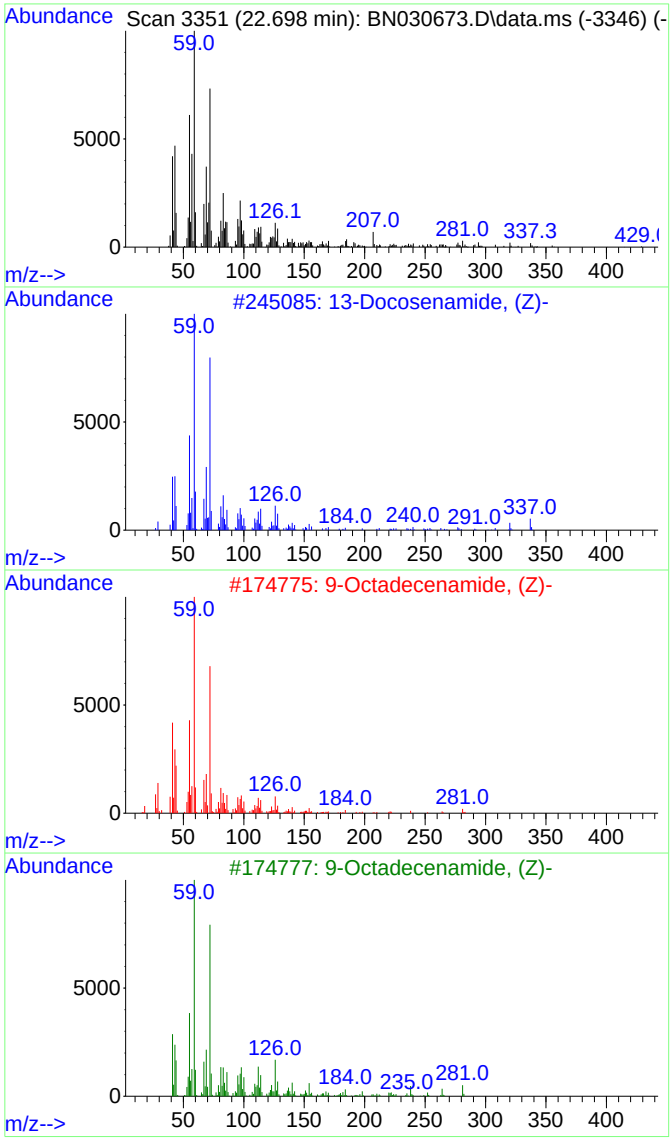
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

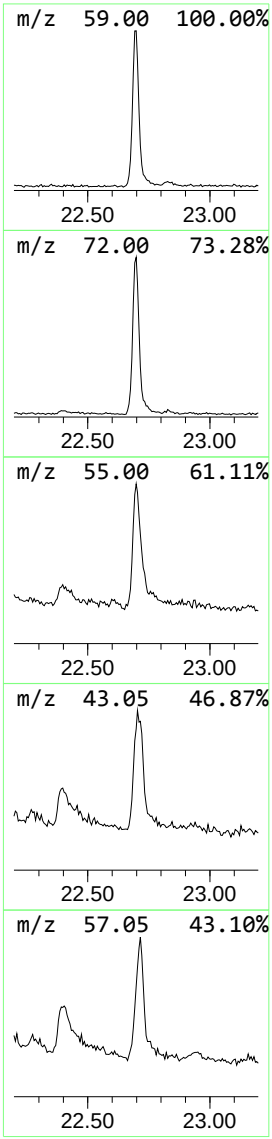
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 13-Docosenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.698	4.40 ng/ul	656510	Chrysene-d12	21.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	97
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
4	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	89
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030673.D
Acq On : 05 Apr 2024 14:21
Operator : MA/JU
Sample : P1989-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E07T5

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
n-Hexadecanoic ...	17.986	9.6	ng/ul	1203190	4	17.081	2508580	20.0
Linoelaidic acid	19.128	2.1	ng/ul	264467	4	17.081	2508580	20.0
9-Octadecenoic ...	19.157	17.0	ng/ul	2127870	4	17.081	2508580	20.0
Octadecanoic acid	19.275	9.9	ng/ul	1481210	5	21.322	2983650	20.0
12-Hydroxystear...	20.357	4.0	ng/ul	589616	5	21.322	2983650	20.0
(DEL) Alkane: C...	21.010	5.0	ng/ul	742543	5	21.322	2983650	20.0
13-Docosenamide...	22.698	4.4	ng/ul	656510	5	21.322	2983650	20.0