LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032179.D
Acq On : 22 Jun 2024 23:10
Operator : MA/JU
Sample : P2899-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA9

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-BN052924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN032179.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.164	26	30	35	rVB	47384	58946	1.47%	0.100%
2	3.434	72	76	84	rVB2	27487	45904	1.14%	0.078%
3	3.575	98	100	112	rBV	113102	155710	3.87%	0.263%
4	3.670	112	116	122	rVB2	31667	43046	1.07%	0.073%
5	3.875	148	151	155	rVB	18345	25800	0.64%	0.044%
6	4.028	173	177	184	rVB5	10948	20353	0.51%	0.034%
7	4.240	210	213	219	rVB6	10344	13107	0.33%	0.022%
8	4.375	231	236	240	rBV	16127	24075	0.60%	0.041%
9	4.423	240	244	249	rVV	40628	57644	1.43%	0.097%
10	4.470	249	252	258	rVB	19571	27448	0.68%	0.046%
11	4.658	282	284	291	rVB8	8533	13386	0.33%	0.023%
12	4.770	297	303	312	rBV	333427	481735	11.98%	0.813%
13	4.875	318	321	326	rVB6	6469	9910	0.25%	0.017%
14	5.134	363	365	374	rVB10	5470	9973	0.25%	0.017%
15	5.658	448	454	459	rBV9	8719	18422	0.46%	0.031%
16	5.740	459	468	476	rVV	31427	61823	1.54%	0.104%
17	6.264	553	557	562	rBV7	4439	10490	0.26%	0.018%
18	6.317	562	566	571	rVB5	9050	14396	0.36%	0.024%
19	6.522	596	601	607	rVB9	5511	10918	0.27%	0.018%
20	6.611	612	616	619	rBV5	5880	9477	0.24%	0.016%
21	6.658	621	624	633	rVB3	13888	25450	0.63%	0.043%
22	6.822	643	652	664	rVB	893574	1495553	37.19%	2.525%
23	6.975	672	678	689	rVB	732075	1187163	29.52%	2.004%
24	7.169	704	711	719	rBV	984368	1602793	39.86%	2.706%
25	7.246	720	724	735	rVB4	26624	57654	1.43%	0.097%
26	7.634	779	790	798	rBV	1317595	2118011	52.67%	3.576%
27	7.711	798	803	810	rVB4	20483	44360	1.10%	0.075%
28	7.840	820	825	832	rBV5	11441	20386	0.51%	0.034%
29	8.152	872	878	883	rBV6	10188	20534	0.51%	0.035%
30	8.352	904	912	925	rBV	1022202	1743266	43.35%	2.943%
31	8.458	925	930	938	rVV	92084	164281	4.09%	0.277%
32	8.793	980	987	1000	rBV	885996	1510975	37.57%	2.551%
33	8.946	1010	1013	1019	rVB6	10927	19543	0.49%	0.033%
34	9.169	1043	1051	1060	rBV6	9586	22546	0.56%	0.038%
35	9.358	1076	1083	1091	rBV	88842	143969	3.58%	0.243%
36	9.505	1097	1108	1120	rBV	766320	1330391	33.08%	2.246%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
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Acq On : 22 Jun 2024 23:10
Operator : MA/JU
Sample : P2899-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA9

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-BN052924.MA.M
Title : SVOA CALIBRATION

37	9.587	1120	1122	1132	rVV8	16829	31731	0.79%	0.054%
38	9.687	1132	1139	1146	rVV2	25948	64672	1.61%	0.109%
39	9.752	1146	1150	1156	rVV4	15859	32979	0.82%	0.056%
40	9.869	1165	1170	1176	rVB3	12576	20778	0.52%	0.035%
41	9.928	1176	1180	1187	rBV10	8277	16223	0.40%	0.027%
42	10.046	1193	1200	1217	rBV	1130918	2023376	50.31%	3.416%
43	10.410	1252	1262	1277	rBV	1790841	3093492	76.92%	5.223%
44	10.563	1280	1288	1305	rBV	448477	878901	21.86%	1.484%
45	10.963	1348	1356	1363	rBV5	47224	115152	2.86%	0.194%
46	11.163	1383	1390	1396	rBV	100998	196021	4.87%	0.331%
47	11.216	1396	1399	1410	rVB8	26274	66426	1.65%	0.112%
48	11.428	1430	1435	1445	rVB8	15167	38270	0.95%	0.065%
49	11.599	1460	1464	1467	rBV6	5696	9916	0.25%	0.017%
50	11.657	1470	1474	1479	rVB6	9238	13233	0.33%	0.022%
51	11.769	1481	1493	1501	rBV	1741674	2799979	69.63%	4.727%
52	11.828	1501	1503	1510	rVB4	14962	23114	0.57%	0.039%
53	12.010	1525	1534	1540	rVB2	25094	46403	1.15%	0.078%
54	12.081	1540	1546	1552	rBV	19186	34290	0.85%	0.058%
55	12.222	1564	1570	1576	rBV10	8107	17679	0.44%	0.030%
56	12.304	1579	1584	1588	rVV	15216	25798	0.64%	0.044%
57	12.481	1607	1614	1619	rBV9	7010	11544	0.29%	0.019%
58	12.557	1623	1627	1630	rVV6	6029	10131	0.25%	0.017%
59	12.622	1633	1638	1647	rVV3	37840	68714	1.71%	0.116%
60	12.799	1662	1668	1673	rBV7	8955	13639	0.34%	0.023%
61	12.928	1684	1690	1698	rVV	1269976	1857134	46.18%	3.135%
62	13.093	1714	1718	1722	rBV4	14992	25510	0.63%	0.043%
63	13.140	1722	1726	1732	rVV4	25277	36219	0.90%	0.061%
64	13.210	1732	1738	1740	rVV6	9160	15976	0.40%	0.027%
65	13.434	1769	1776	1777	rBV7	9437	18502	0.46%	0.031%
66	13.457	1777	1780	1786	rVV7	13904	30015	0.75%	0.051%
67	13.534	1790	1793	1798	rVV7	11113	19948	0.50%	0.034%
68	13.593	1798	1803	1808	rVB5	23559	44656	1.11%	0.075%
69	13.698	1814	1821	1827	rVB	1887499	2731592	67.93%	4.612%
70	13.757	1827	1831	1834	rBV4	19827	30533	0.76%	0.052%
71	13.863	1846	1849	1855	rVB8	13874	21505	0.53%	0.036%
72	13.969	1861	1867	1882	rVB2	2172096	3477812	86.48%	5.872%
73	14.116	1886	1892	1895	rVV5	17066	30499	0.76%	0.051%
74	14.169	1895	1901	1905	rVB5	20603	38246	0.95%	0.065%
75	14.281	1913	1920	1927	rBV	2567830	3889993	96.73%	6.568%
76	14.340	1927	1930	1944	rVB7	43698	111514	2.77%	0.188%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032179.D
Acq On : 22 Jun 2024 23:10
Operator : MA/JU
Sample : P2899-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA9

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-BN052924.MA.M
Title : SVOA CALIBRATION

77	14.522	1951	1961	1971	rBV	577339	1168999	29.07%	1.974%
78	14.663	1980	1985	1990	rBV3	40423	76291	1.90%	0.129%
79	14.710	1991	1993	2005	rVB9	28978	67044	1.67%	0.113%
80	14.904	2022	2026	2028	rBV5	7842	10692	0.27%	0.018%
81	15.087	2047	2057	2060	rBV2	73958	149435	3.72%	0.252%
82	15.128	2060	2064	2069	rVV3	70988	115643	2.88%	0.195%
83	15.193	2072	2075	2082	rVV7	19556	31677	0.79%	0.053%
84	15.275	2083	2089	2103	rVV	2641567	4021459	100.00%	6.790%
85	15.410	2107	2112	2119	rBV	528270	810755	20.16%	1.369%
86	15.498	2120	2127	2140	rVB2	164948	344453	8.57%	0.582%
87	15.622	2143	2148	2157	rBV2	21250	60278	1.50%	0.102%
88	15.757	2167	2171	2180	rVB8	26232	60527	1.51%	0.102%
89	15.851	2183	2187	2193	rVB5	28574	48331	1.20%	0.082%
90	16.010	2207	2214	2220	rBV4	88439	192528	4.79%	0.325%
91	16.081	2220	2226	2236	rBV	257158	460635	11.45%	0.778%
92	16.540	2301	2304	2307	rBV	28797	37098	0.92%	0.063%
93	16.787	2343	2346	2349	rBV	36052	41423	1.03%	0.070%
94	17.034	2382	2388	2393	rBV	2407328	3563452	88.61%	6.016%
95	17.128	2398	2404	2414	rBV	2586431	3695815	91.90%	6.240%
96	17.934	2536	2541	2550	rBV	776298	1305113	32.45%	2.203%
97	19.222	2757	2760	2766	rBV2	297810	539911	13.43%	0.912%
98	19.433	2791	2796	2802	rVB	2459835	3382550	84.11%	5.711%
99	20.951	3051	3054	3061	rVB	761736	993433	24.70%	1.677%
100	21.269	3104	3108	3119	rVB2	2135694	3401282	84.58%	5.742%

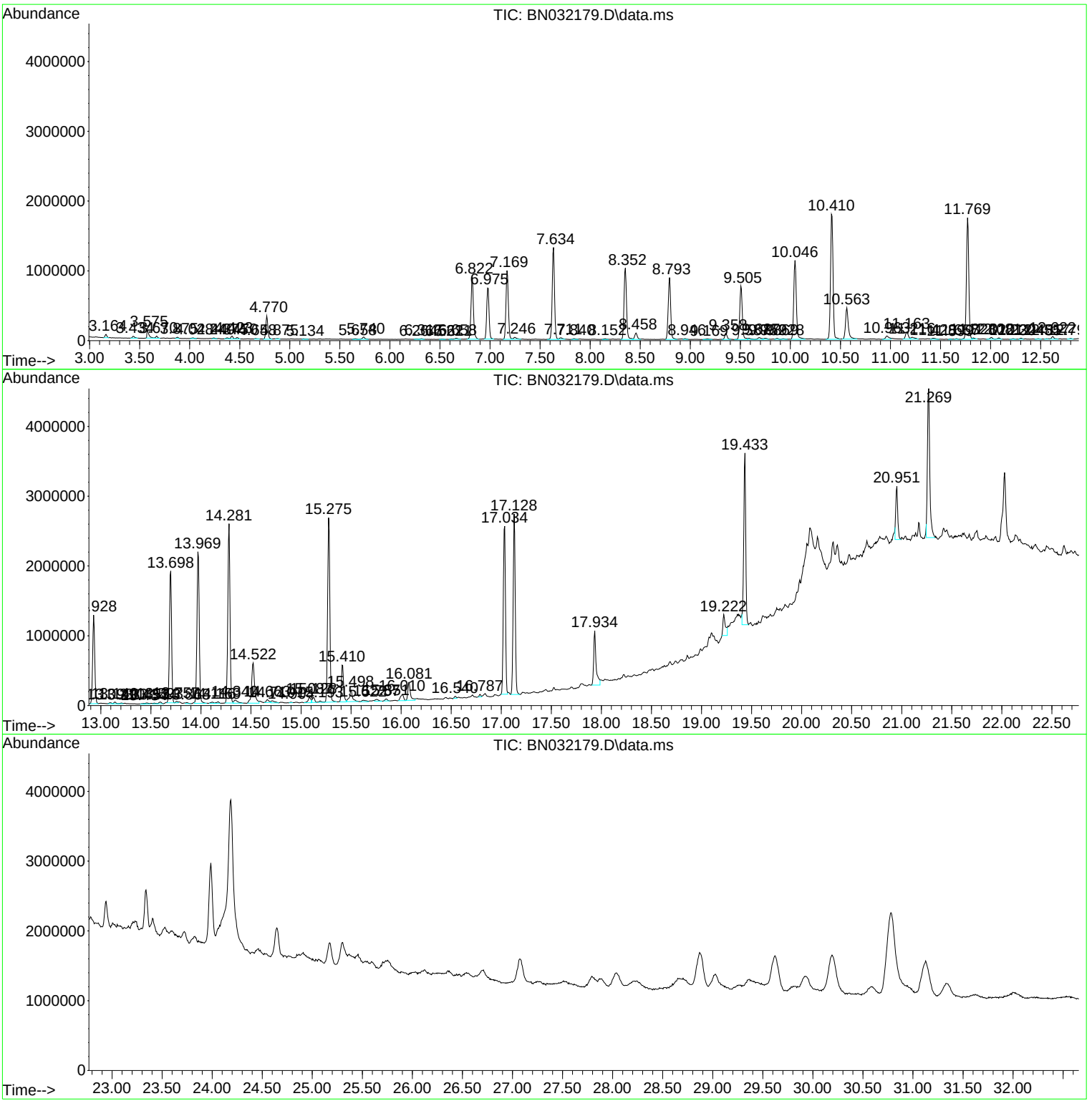
Sum of corrected areas: 59230377

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032179.D
Acq On : 22 Jun 2024 23:10
Operator : MA/JU
Sample : P2899-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.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\BN062224\
Data File : BN032179.D
Acq On : 22 Jun 2024 23:10
Operator : MA/JU
Sample : P2899-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA9

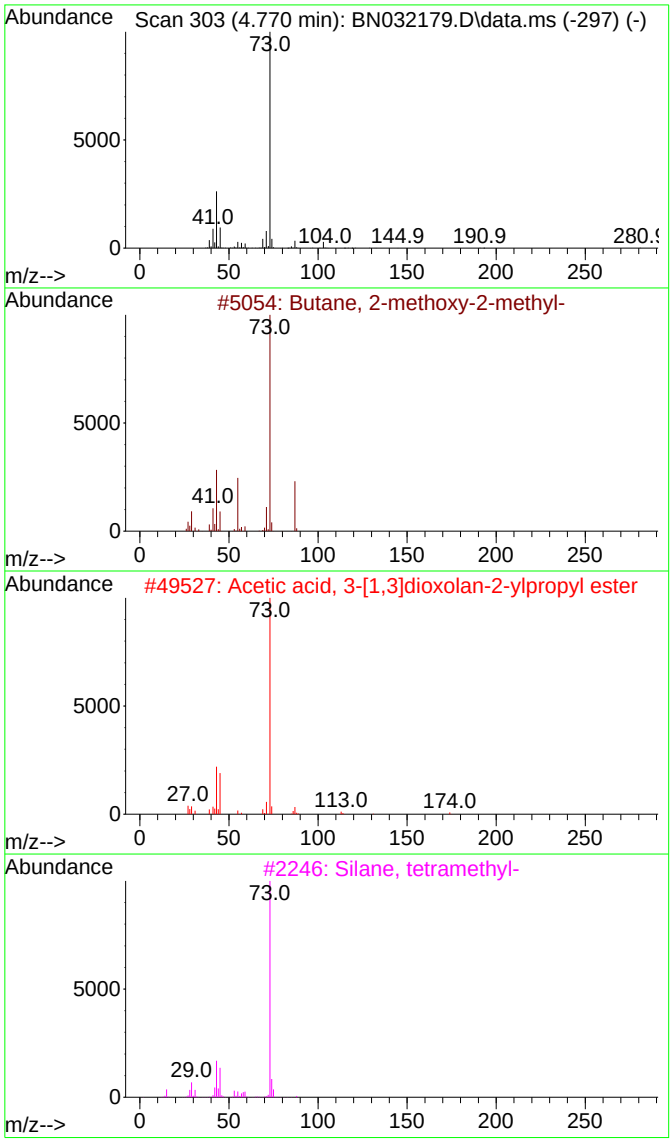
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

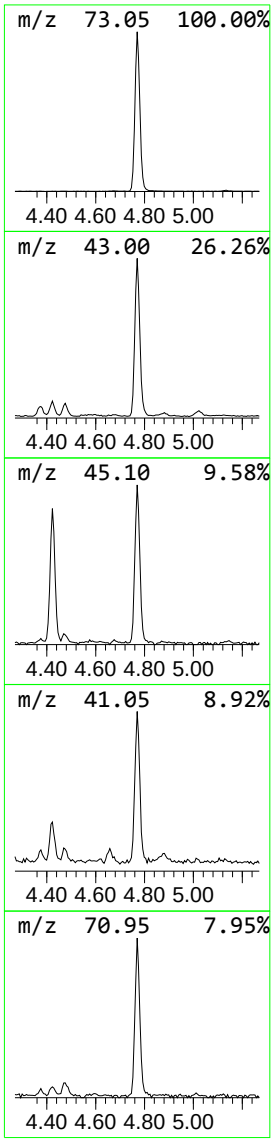
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.770	4.55 ng/ul	481735	1,4-Dichlorobenzene-d4	7.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	36
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	33
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	25
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032179.D
Acq On : 22 Jun 2024 23:10
Operator : MA/JU
Sample : P2899-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA9

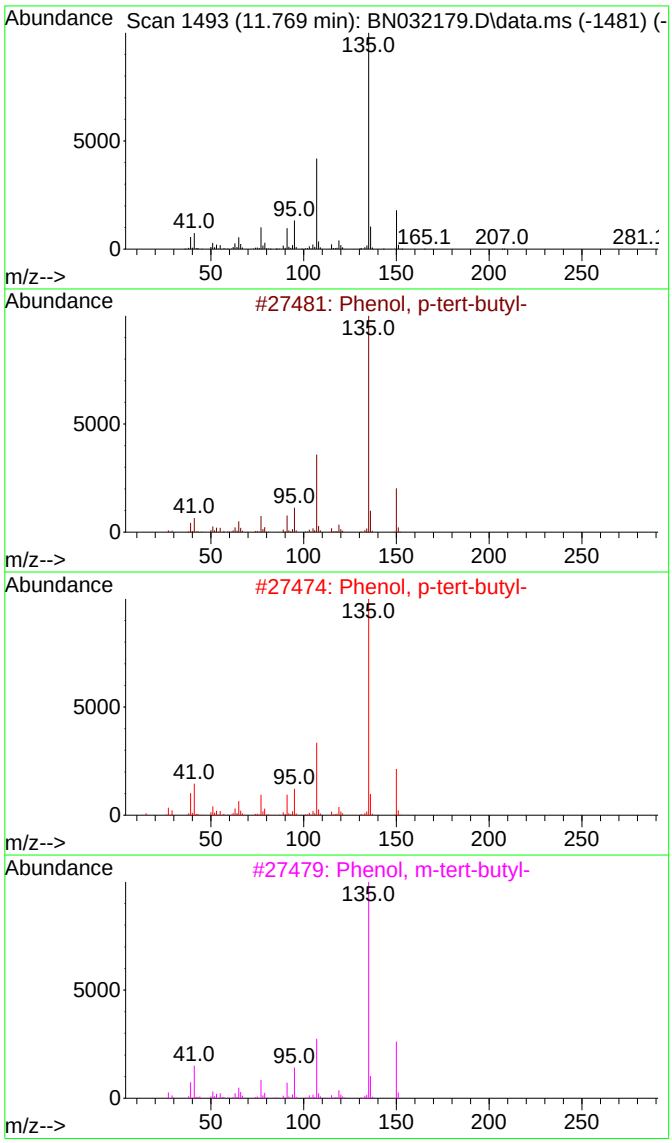
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

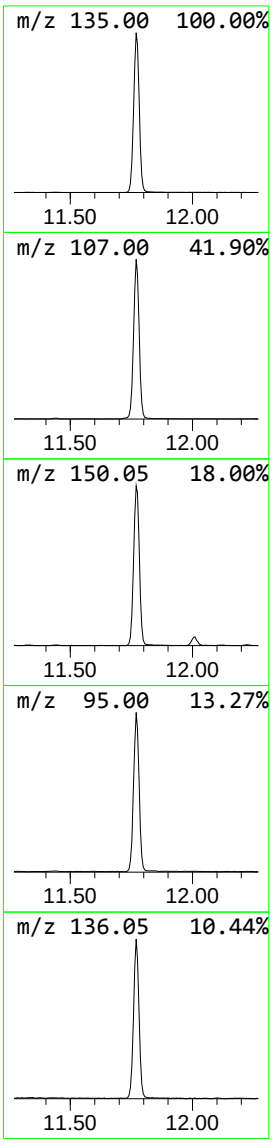
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenol, p-tert-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	18.10 ng/ul	2799980	Naphthalene-d8	10.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	97
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	93
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032179.D
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA9

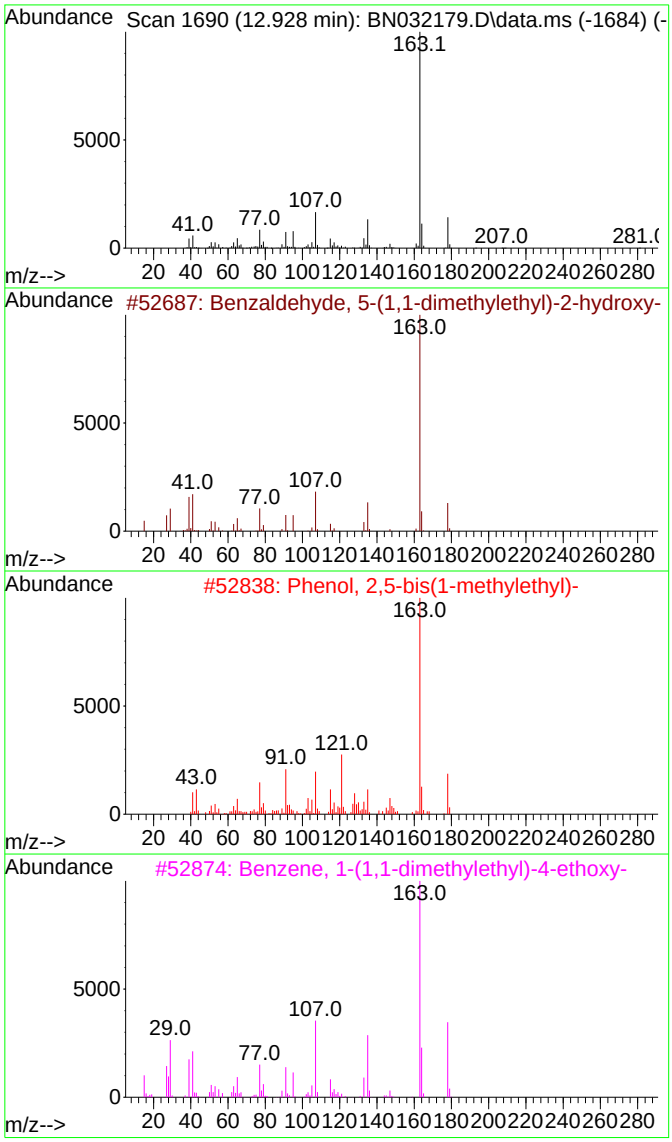
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

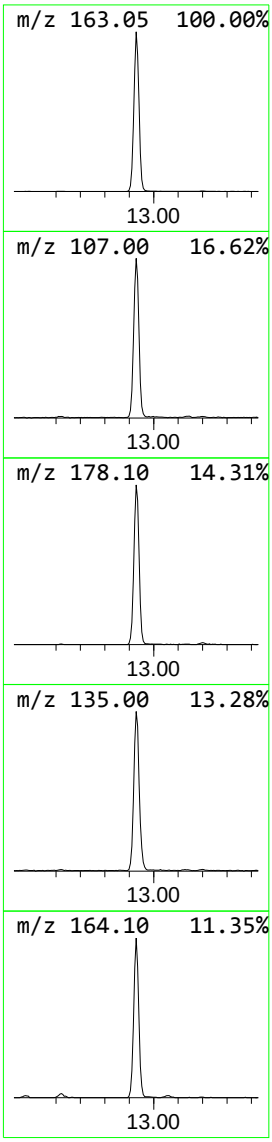
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzaldehyde, 5-(1,1-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.928	9.55 ng/ul	1857130	Acenaphthene-d10	14.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	91
2	Phenol, 2,5-bis(1-methylethyl)-	178	C12H18O	035946-91-9	78
3	Benzene, 1-(1,1-dimethylethyl)-4...	178	C12H18O	017269-94-2	64
4	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	64
5	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
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Sample : P2899-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA9

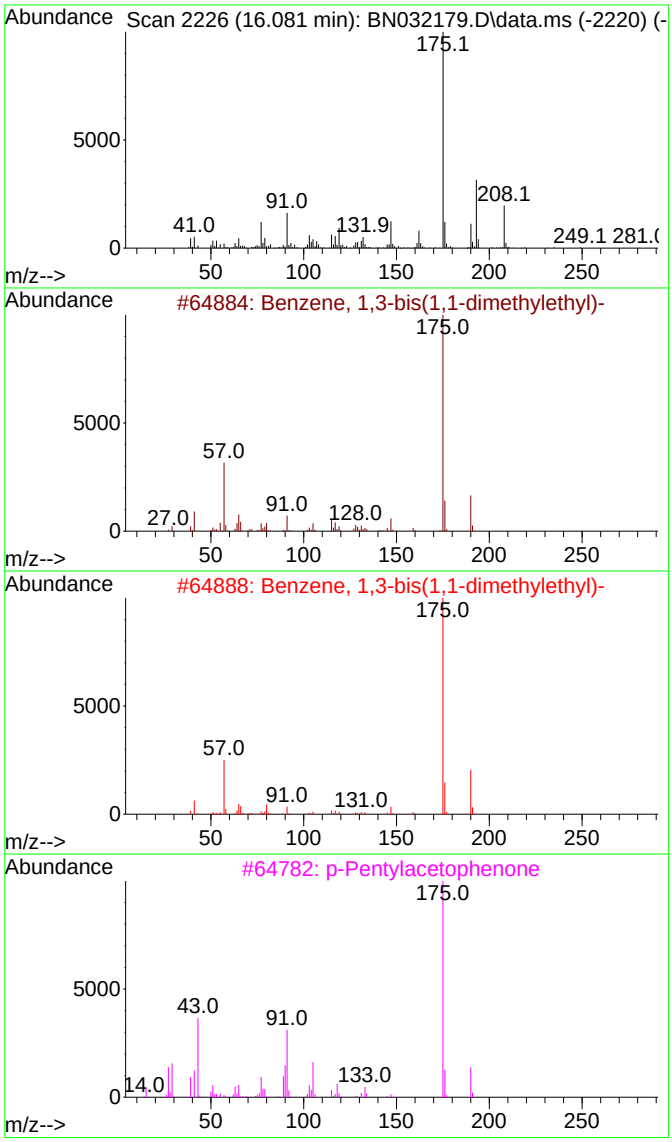
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

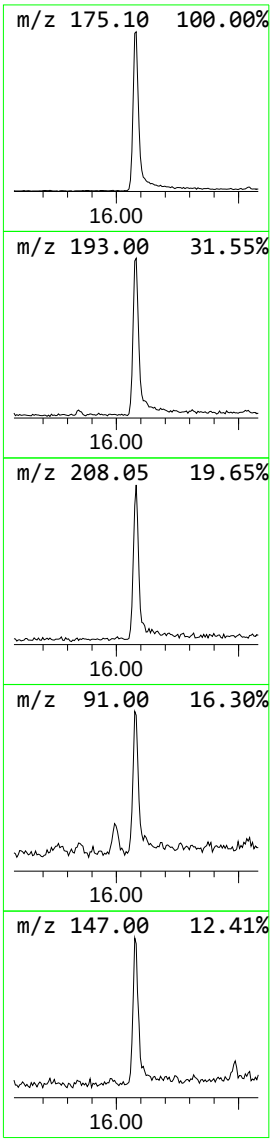
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.081	2.59 ng/ul	460635	Phenanthrene-d10	17.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	53
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	47
3	p-Pentylacetophenone	190	C13H18O	037593-02-5	47
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	47
5	2-Propenal, 3-[4-(dimethylamino)...	175	C11H13NO	006203-18-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032179.D
Acq On : 22 Jun 2024 23:10
Operator : MA/JU
Sample : P2899-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA9

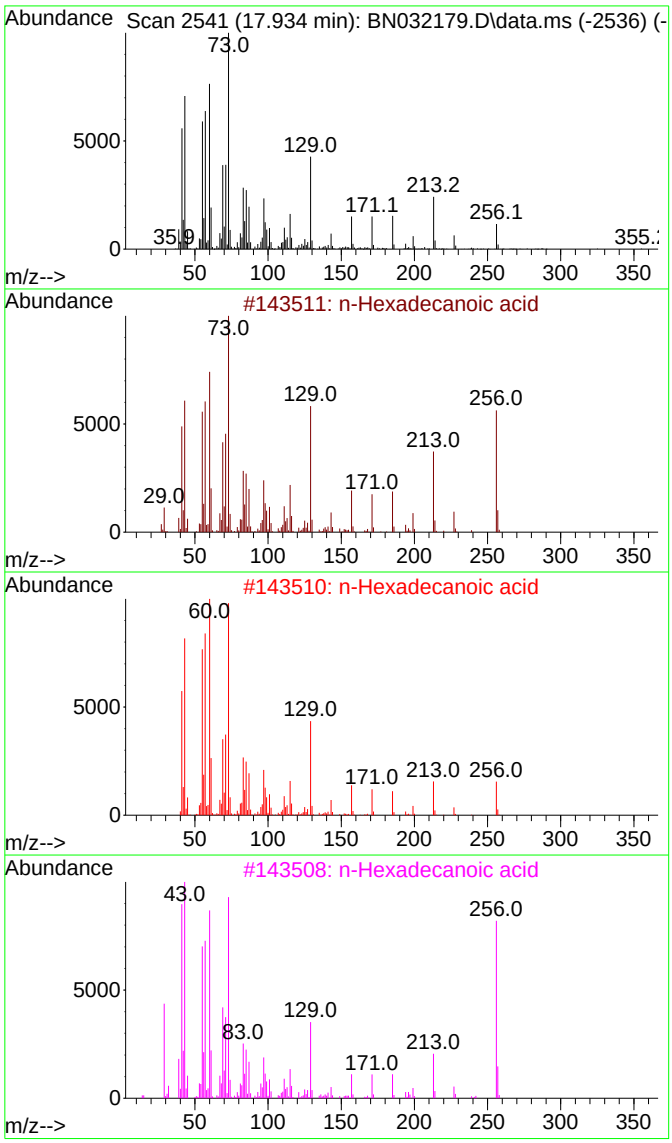
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

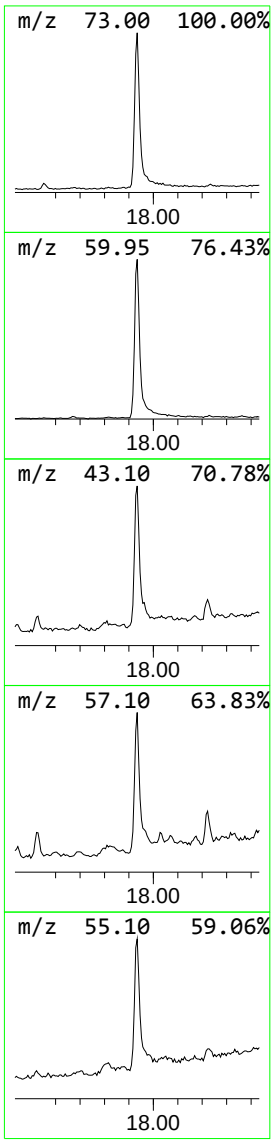
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.934	7.32 ng/ul	1305110	Phenanthrene-d10	17.034

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	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91





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Data File : BN032179.D
Acq On : 22 Jun 2024 23:10
Operator : MA/JU
Sample : P2899-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA9

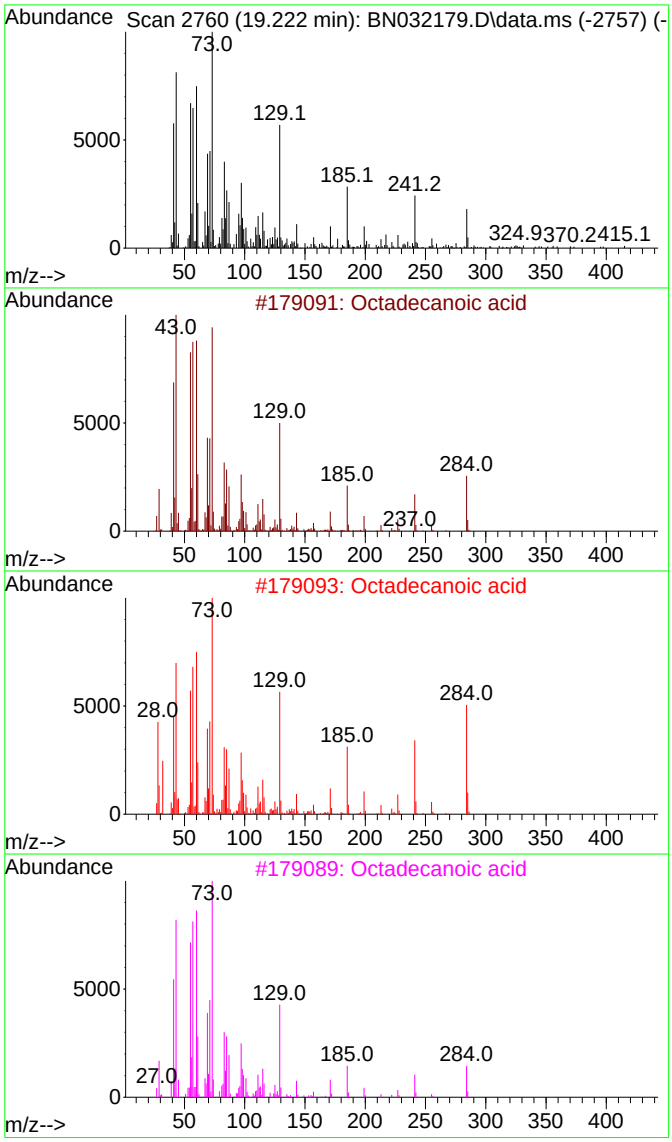
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

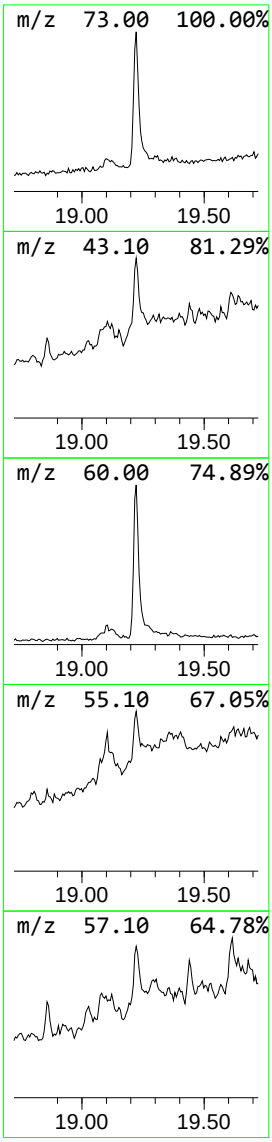
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.222	3.17 ng/ul	539911	Chrysene-d12	21.269

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	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032179.D
Acq On : 22 Jun 2024 23:10
Operator : MA/JU
Sample : P2899-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA9

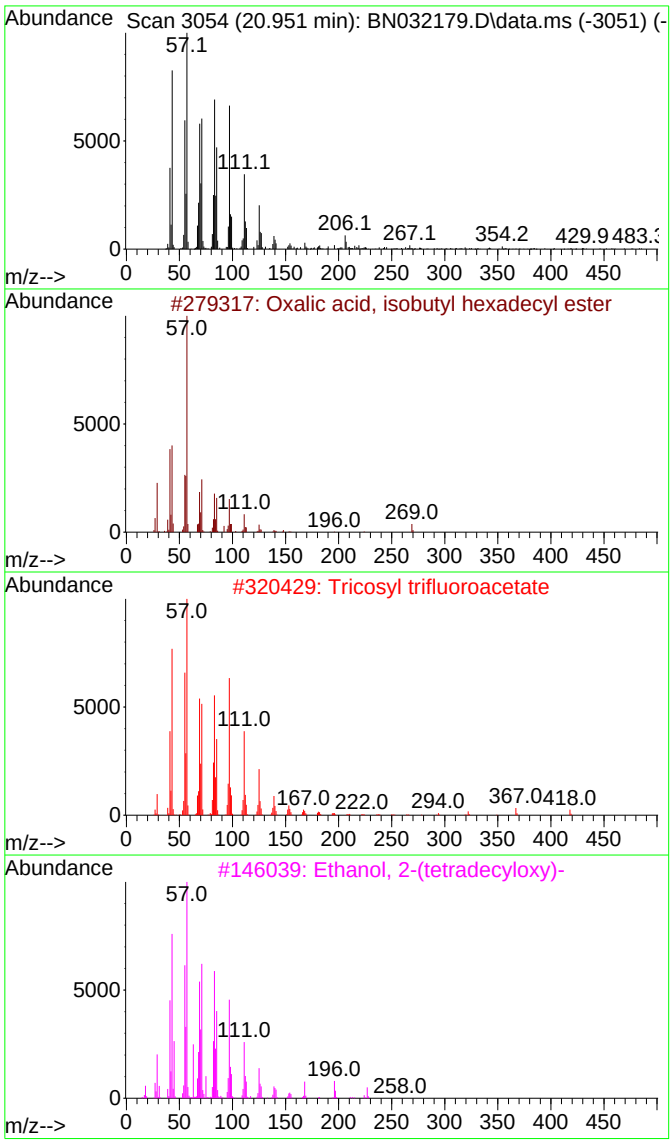
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

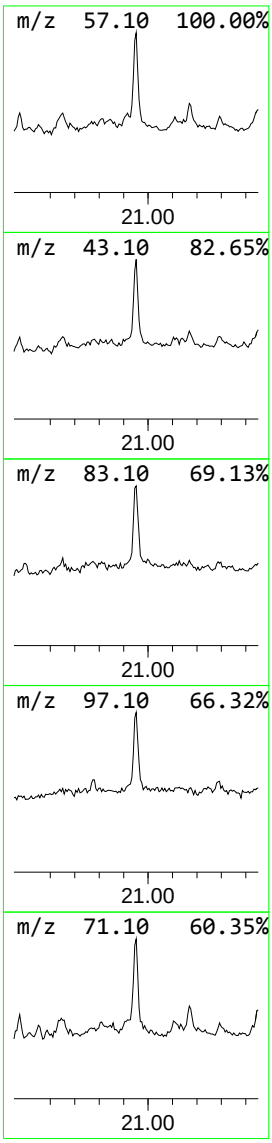
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Oxalic acid, isobutyl hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.951	5.84 ng/ul	993433	Chrysene-d12	21.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	90
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
4	Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	90
5	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062224\
Data File : BN032179.D
Acq On : 22 Jun 2024 23:10
Operator : MA/JU
Sample : P2899-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.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
unknown-01	4.770	4.5	ng/ul	481735	1	7.634	2118010	20.0
Phenol, p-tert-...	11.769	18.1	ng/ul	2799980	2	10.410	3093490	20.0
Benzaldehyde, 5...	12.928	9.6	ng/ul	1857130	3	14.281	3889990	20.0
Benzene, 1,3-bi...	16.081	2.6	ng/ul	460635	4	17.034	3563450	20.0
n-Hexadecanoic ...	17.934	7.3	ng/ul	1305110	4	17.034	3563450	20.0
Octadecanoic acid	19.222	3.2	ng/ul	539911	5	21.269	3401280	20.0
Oxalic acid, is...	20.951	5.8	ng/ul	993433	5	21.269	3401280	20.0