LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030731.D
Acq On : 07 Apr 2024 06:51
Operator : MA/JU
Sample : P1987-09
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MC0R77

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: BN030731.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	41	rBV	29159	42101	0.51%	0.062%
2	3.599	102	104	116	rBV	155748	256713	3.11%	0.376%
3	3.911	155	157	161	rBV5	7559	9253	0.11%	0.014%
4	5.246	381	384	390	rVB2	9808	15513	0.19%	0.023%
5	5.758	467	471	473	rBV5	6582	8512	0.10%	0.012%
6	6.669	624	626	635	rVB9	7954	13857	0.17%	0.020%
7	6.858	643	658	667	rVB	157620	286375	3.47%	0.419%
8	7.028	680	687	699	rVB	689686	1067781	12.94%	1.563%
9	7.216	710	719	728	rBV	610746	984420	11.93%	1.441%
10	7.687	792	799	805	rBV	558783	886331	10.74%	1.297%
11	7.746	805	809	816	rVB	85586	132973	1.61%	0.195%
12	7.934	836	841	844	rBV6	5067	9348	0.11%	0.014%
13	8.240	887	893	898	rBV7	5103	11161	0.14%	0.016%
14	8.305	898	904	907	rBV2	16161	26104	0.32%	0.038%
15	8.387	912	918	930	rVV	517864	839251	10.17%	1.229%
16	8.505	933	938	944	rVB	19906	31393	0.38%	0.046%
17	8.775	978	984	989	rBV	190128	298402	3.62%	0.437%
18	8.840	989	995	1001	rVV	841154	1367340	16.57%	2.002%
19	8.887	1001	1003	1010	rVB	39125	51908	0.63%	0.076%
20	9.004	1018	1023	1028	rVB7	8070	17537	0.21%	0.026%
21	9.246	1057	1064	1070	rVB	20263	36411	0.44%	0.053%
22	9.557	1106	1117	1131	rBV	648001	1063668	12.89%	1.557%
23	9.693	1136	1140	1146	rBV6	8852	15676	0.19%	0.023%
24	9.781	1151	1155	1163	rVB8	10075	20157	0.24%	0.030%
25	9.993	1185	1191	1196	rVB9	5606	10986	0.13%	0.016%
26	10.087	1198	1207	1222	rBV	1001430	1695370	20.54%	2.482%
27	10.251	1230	1235	1242	rVB8	11694	19534	0.24%	0.029%
28	10.381	1246	1257	1265	rBV2	83692	156938	1.90%	0.230%
29	10.469	1265	1272	1278	rVV	927205	1515607	18.36%	2.219%
30	10.528	1278	1282	1289	rVB3	31262	46544	0.56%	0.068%
31	10.610	1289	1296	1309	rBV	1044215	1735102	21.02%	2.540%
32	11.122	1377	1383	1389	rVB2	18667	33652	0.41%	0.049%
33	11.257	1401	1406	1420	rVB7	18769	43963	0.53%	0.064%
34	11.646	1463	1472	1482	rBV	21923	47466	0.58%	0.069%
35	11.757	1482	1491	1503	rVV	125910	222987	2.70%	0.326%
36	12.063	1538	1543	1551	rVB3	21899	36905	0.45%	0.054%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030731.D
Acq On : 07 Apr 2024 06:51
Operator : MA/JU
Sample : P1987-09
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MC0R77

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	12.522	1615	1621	1624	rBV7	6923	11444	0.14%	0.017%
38	12.687	1642	1649	1653	rBV9	6673	13579	0.16%	0.020%
39	12.781	1660	1665	1670	rBV2	7181	10856	0.13%	0.016%
40	12.940	1684	1692	1696	rBV6	7831	15145	0.18%	0.022%
41	13.245	1736	1744	1759	rBV	658592	1059678	12.84%	1.551%
42	13.369	1759	1765	1772	rVV	60684	97410	1.18%	0.143%
43	13.745	1822	1829	1844	rVB	2413623	3321465	40.24%	4.862%
44	14.022	1866	1876	1882	rVV2	2629378	3903362	47.29%	5.714%
45	14.069	1882	1884	1889	rVV3	18603	31980	0.39%	0.047%
46	14.122	1889	1893	1898	rVV5	12628	26416	0.32%	0.039%
47	14.192	1898	1905	1916	rVV	38794	75017	0.91%	0.110%
48	14.328	1918	1928	1938	rBV	1670195	2392366	28.98%	3.502%
49	14.416	1938	1943	1950	rVB4	23415	34340	0.42%	0.050%
50	14.534	1957	1963	1970	rBV	181405	308689	3.74%	0.452%
51	14.751	1994	2000	2003	rBV7	10777	21016	0.25%	0.031%
52	14.787	2003	2006	2010	rVV4	8779	13283	0.16%	0.019%
53	15.010	2038	2044	2050	rBV	51568	80819	0.98%	0.118%
54	15.139	2061	2066	2072	rVB4	14518	30589	0.37%	0.045%
55	15.322	2091	2097	2106	rBV	3520503	5120290	62.03%	7.495%
56	15.439	2110	2117	2130	rVV	982878	1428949	17.31%	2.092%
57	15.563	2134	2138	2144	rVV2	23882	41789	0.51%	0.061%
58	15.616	2144	2147	2151	rVV6	6890	9400	0.11%	0.014%
59	15.692	2155	2160	2167	rBV	38167	56744	0.69%	0.083%
60	15.898	2189	2195	2200	rBV8	16282	31140	0.38%	0.046%
61	16.110	2226	2231	2235	rVB6	14681	22785	0.28%	0.033%
62	16.481	2290	2294	2298	rBV7	9357	14382	0.17%	0.021%
63	16.675	2324	2327	2331	rBV4	8233	11354	0.14%	0.017%
64	16.751	2336	2340	2344	rBV7	7747	13153	0.16%	0.019%
65	17.075	2389	2395	2405	rVB	2142258	3028886	36.70%	4.434%
66	17.175	2406	2412	2425	rBV2	4281477	6437601	77.99%	9.424%
67	17.369	2441	2445	2450	rVB	28531	35194	0.43%	0.052%
68	17.557	2473	2477	2481	rBV6	4690	9300	0.11%	0.014%
69	17.669	2493	2496	2502	rVB8	9139	12353	0.15%	0.018%
70	17.751	2502	2510	2517	rBV	793018	959883	11.63%	1.405%
71	17.922	2535	2539	2543	rBV4	17646	24959	0.30%	0.037%
72	17.980	2543	2549	2557	rBV	231899	357428	4.33%	0.523%
73	18.057	2559	2562	2563	rBV	14085	14966	0.18%	0.022%
74	18.192	2580	2585	2588	rBV	32016	44619	0.54%	0.065%
75	18.228	2588	2591	2596	rVB5	22610	31623	0.38%	0.046%
76	18.910	2705	2707	2711	rVB5	8623	9916	0.12%	0.015%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030731.D
Acq On : 07 Apr 2024 06:51
Operator : MA/JU
Sample : P1987-09
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MC0R77

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

77	19.039	2724	2729	2735	rBV	69232	99238	1.20%	0.145%
78	19.110	2736	2741	2745	rBV	60483	89123	1.08%	0.130%
79	19.175	2749	2752	2761	rVB	16252	28798	0.35%	0.042%
80	19.269	2763	2768	2781	rBV	399954	632870	7.67%	0.926%
81	19.422	2790	2794	2797	rBV3	23757	28386	0.34%	0.042%
82	19.480	2797	2804	2811	rBV	5495331	7730644	93.66%	11.317%
83	19.716	2841	2844	2849	rVB6	26854	38889	0.47%	0.057%
84	20.033	2895	2898	2902	rVB	60698	63327	0.77%	0.093%
85	20.492	2972	2976	2979	rBV	135144	158350	1.92%	0.232%
86	20.533	2979	2983	2987	rVB	155783	171500	2.08%	0.251%
87	21.010	3060	3064	3068	rVB	223758	259600	3.15%	0.380%
88	21.316	3110	3116	3125	rBV	2340135	3499358	42.40%	5.123%
89	21.516	3146	3150	3156	rVB2	232724	303135	3.67%	0.444%
90	22.074	3240	3245	3250	rBV	202776	296864	3.60%	0.435%
91	22.704	3348	3352	3359	rVB	168187	283009	3.43%	0.414%
92	23.433	3471	3476	3483	rVB2	130574	245854	2.98%	0.360%
93	24.057	3572	3582	3597	rVB2	3397804	8254125	100.00%	12.083%
94	24.251	3607	3615	3630	rVB	1470681	3907565	47.34%	5.720%

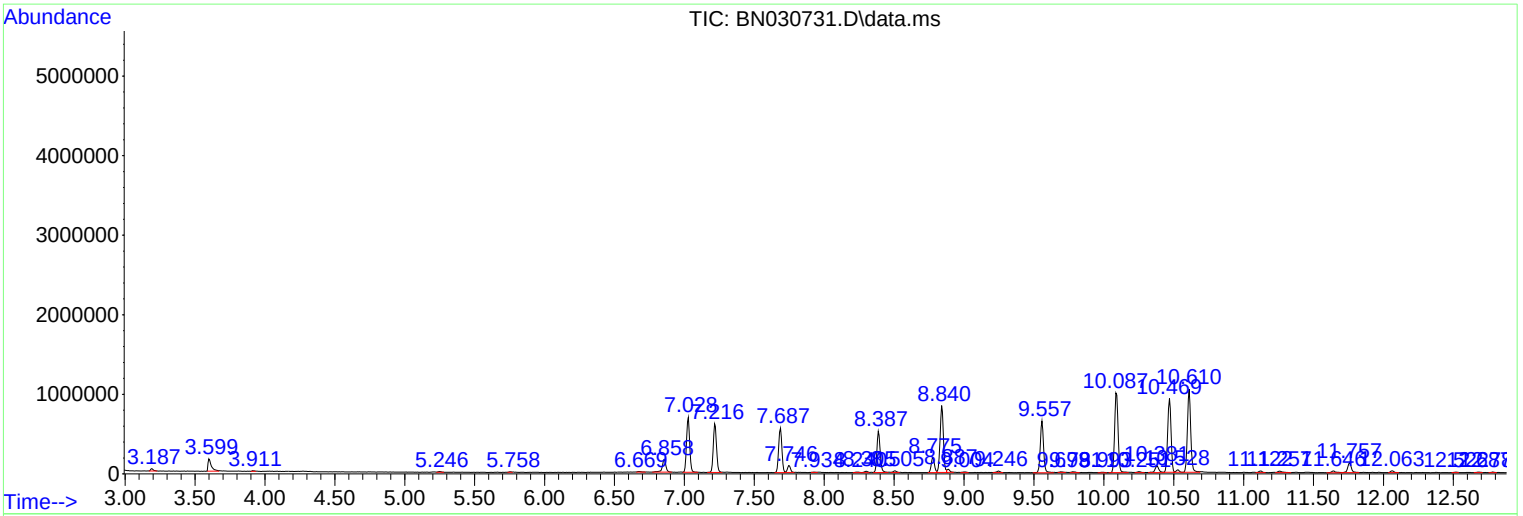
Sum of corrected areas: 68312042

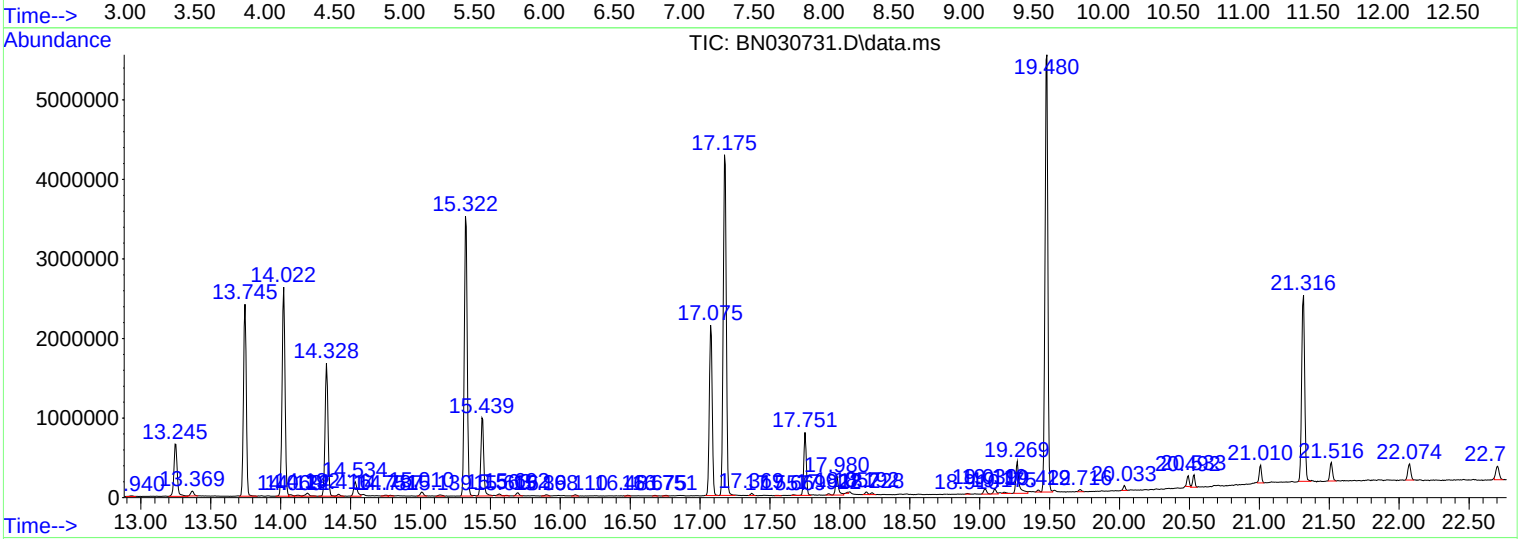
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030731.D
Acq On : 07 Apr 2024 06:51
Operator : MA/JU
Sample : P1987-09
Misc :
ALS Vial : 69 Sample Multiplier: 1

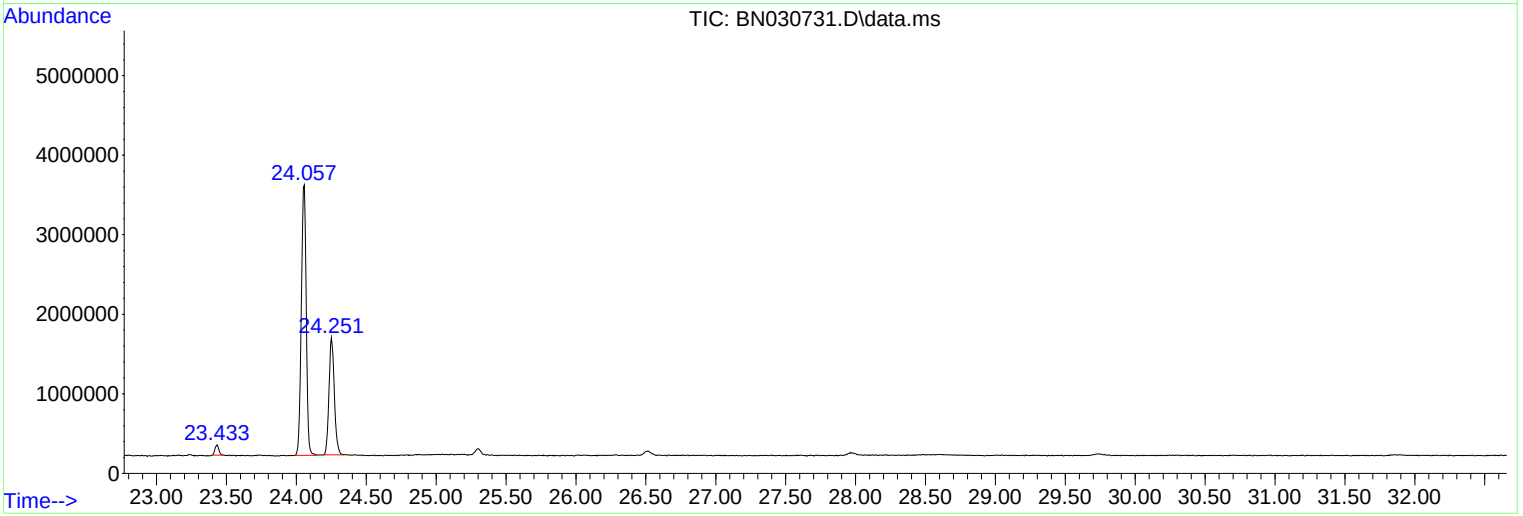
Instrument :
BNA_N
ClientSampleId :
MC0R77

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030731.D
Acq On : 07 Apr 2024 06:51
Operator : MA/JU
Sample : P1987-09
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MC0R77

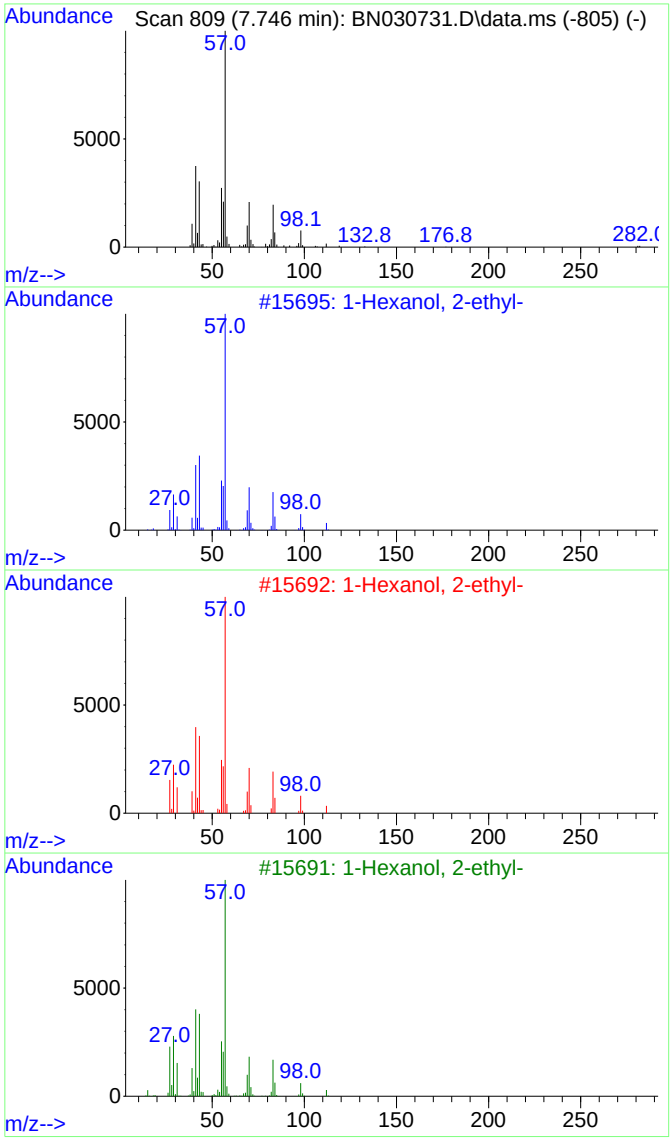
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

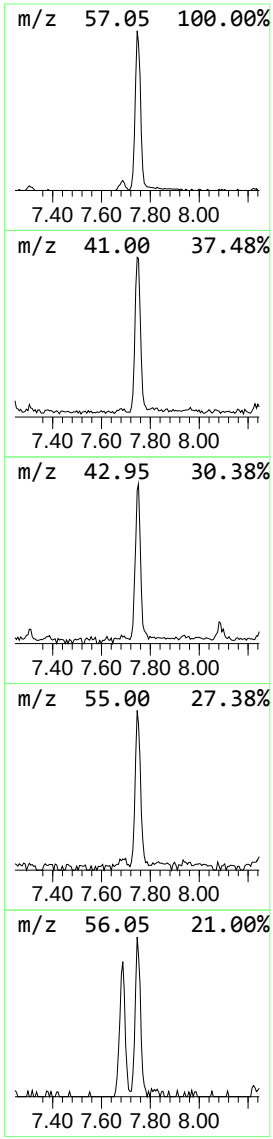
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.746	3.00 ng/ul	132973	1,4-Dichlorobenzene-d4	7.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000383-13-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030731.D
Acq On : 07 Apr 2024 06:51
Operator : MA/JU
Sample : P1987-09
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MC0R77

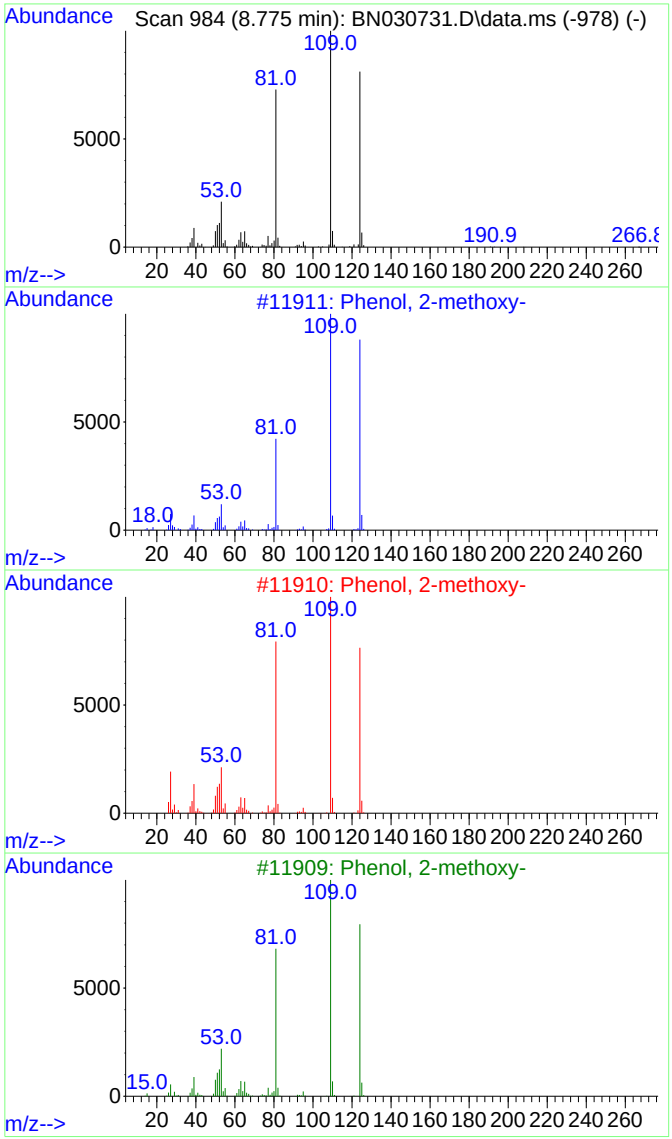
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

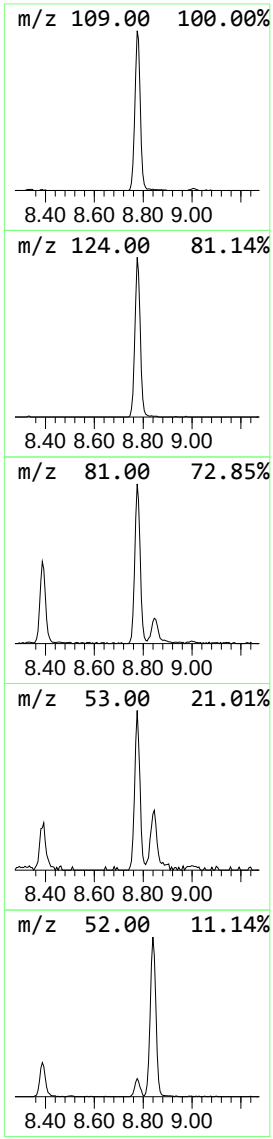
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenol, 2-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.775	6.73 ng/ul	298402	1,4-Dichlorobenzene-d4	7.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	94
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	93
5	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030731.D
Acq On : 07 Apr 2024 06:51
Operator : MA/JU
Sample : P1987-09
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MC0R77

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

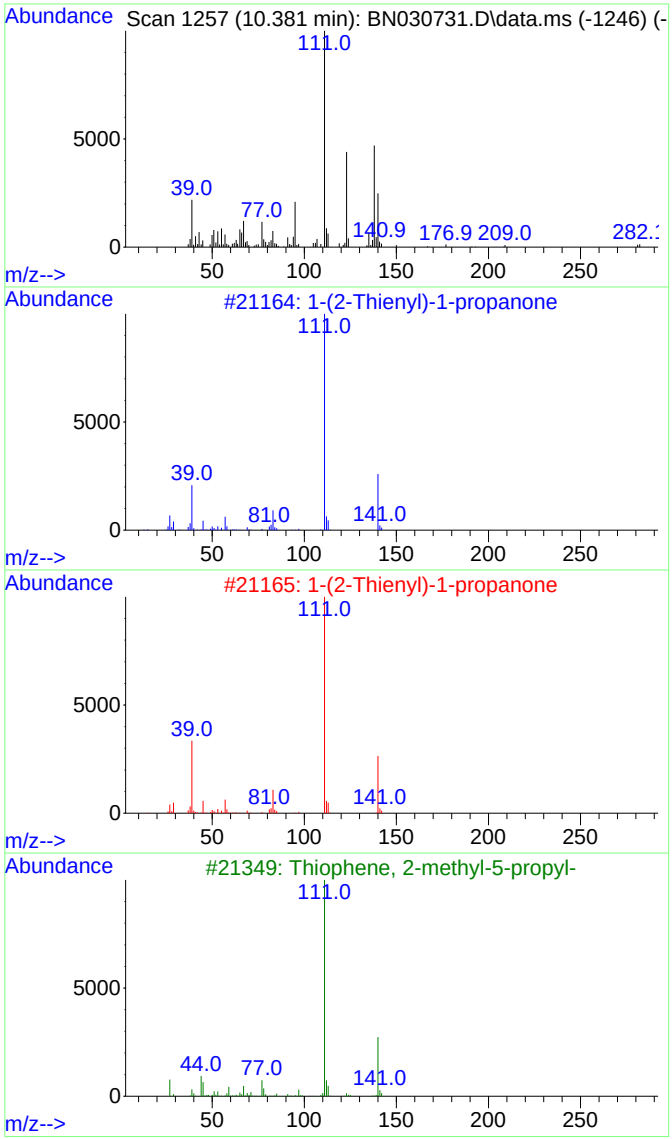
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

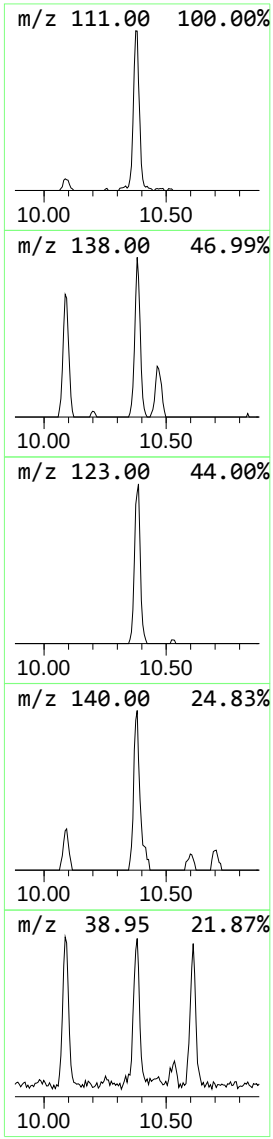
****

Peak Number 3 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.381	2.07 ng/ul	156938	Naphthalene-d8	10.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2-Thienyl)-1-propanone	140	C7H8OS	013679-75-9	46
2	1-(2-Thienyl)-1-propanone	140	C7H8OS	013679-75-9	41
3	Thiophene, 2-methyl-5-propyl-	140	C8H12S	033933-73-2	38
4	2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	38
5	1-(2-Thienyl)-1-propanone	140	C7H8OS	013679-75-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030731.D
Acq On : 07 Apr 2024 06:51
Operator : MA/JU
Sample : P1987-09
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MC0R77

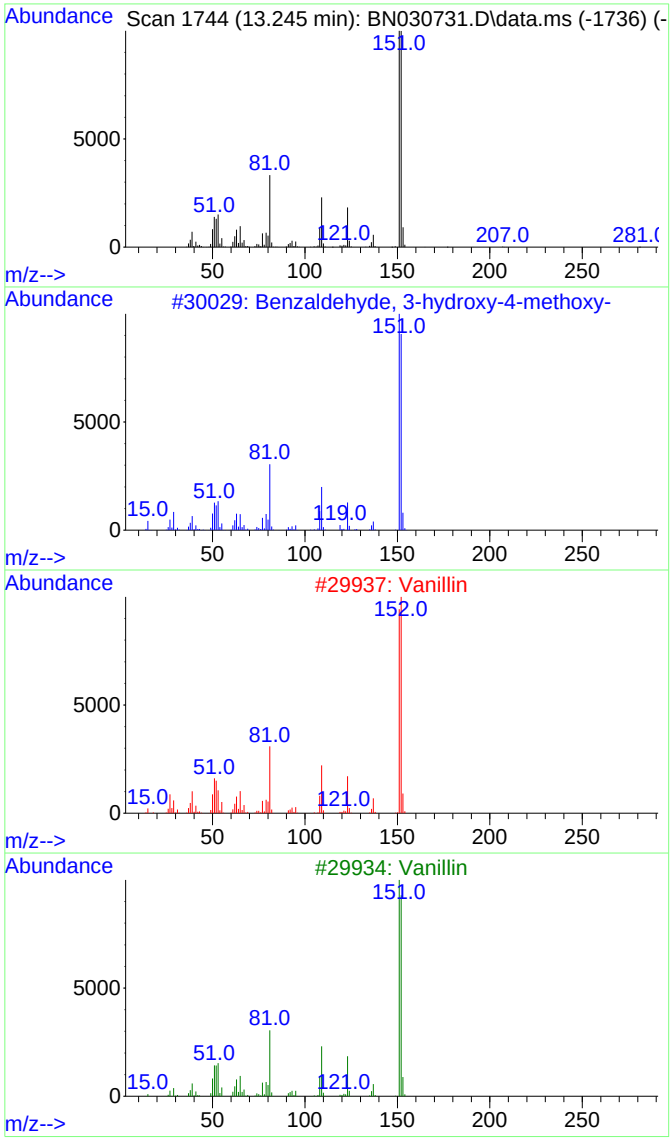
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

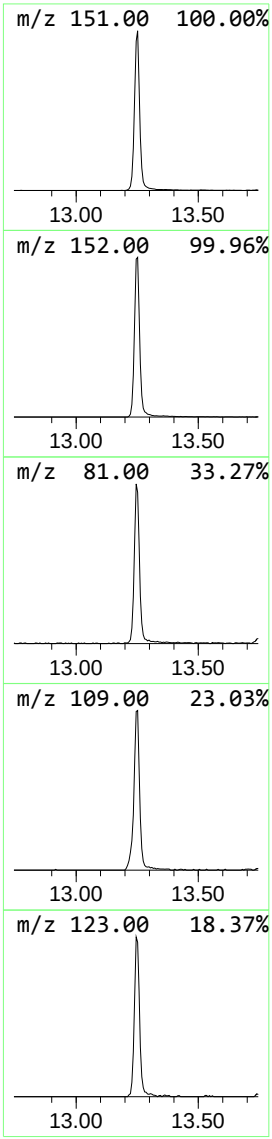
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzaldehyde, 3-hydroxy-4-m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.245	8.86 ng/ul	1059680	Acenaphthene-d10	14.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	97
2	Vanillin	152	C8H8O3	000121-33-5	97
3	Vanillin	152	C8H8O3	000121-33-5	97
4	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96
5	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030731.D
Acq On : 07 Apr 2024 06:51
Operator : MA/JU
Sample : P1987-09
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MC0R77

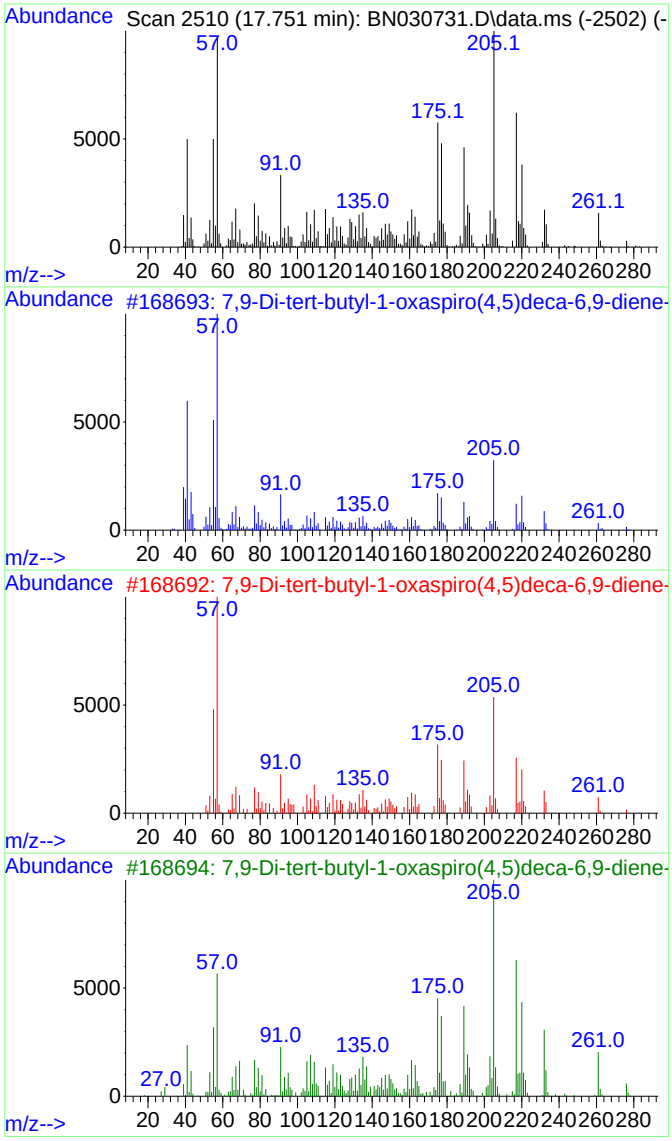
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

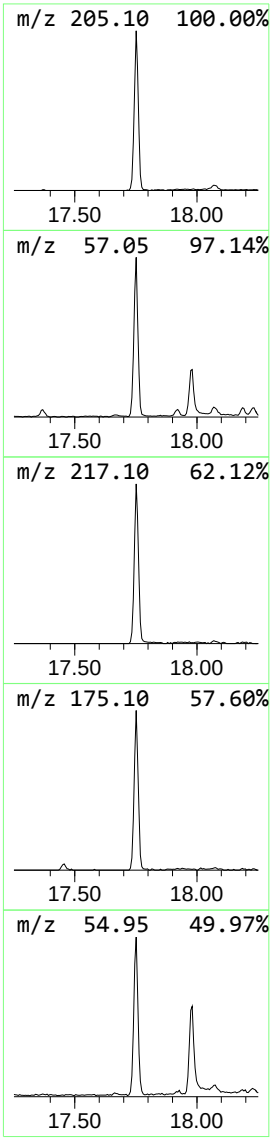
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.751	6.34 ng/ul	959883	Phenanthrene-d10	17.075

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	99
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	87
4	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	74
5	1-(3-Amino-4,6-dimethylthieno[2,...	220	C11H12N2OS	052505-42-7	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030731.D
Acq On : 07 Apr 2024 06:51
Operator : MA/JU
Sample : P1987-09
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MC0R77

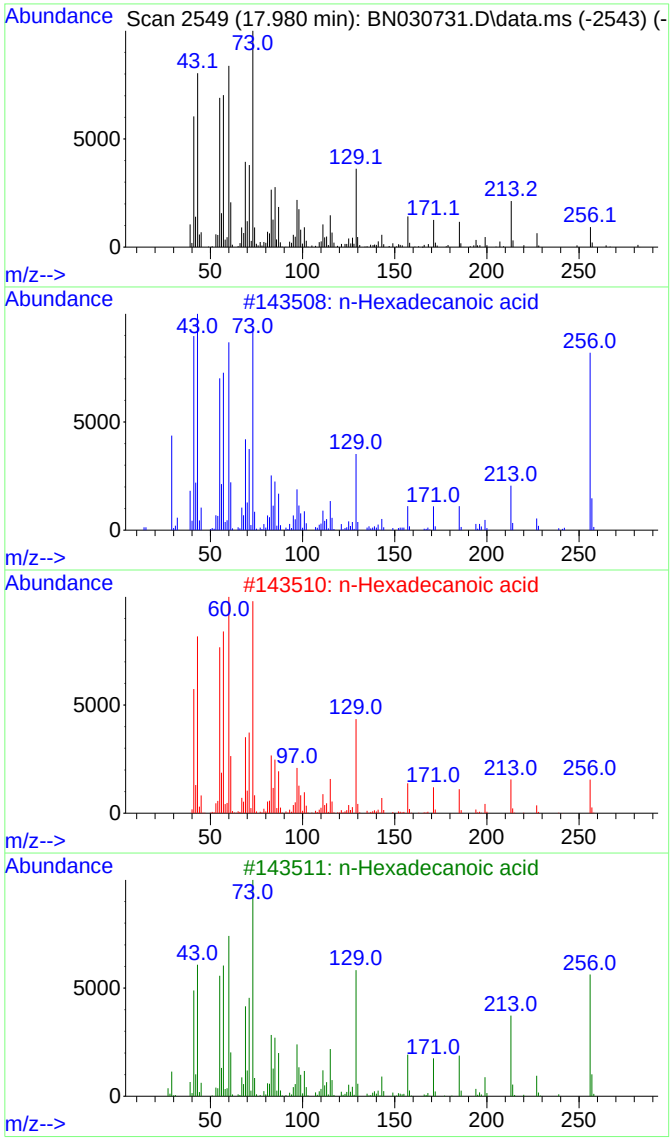
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

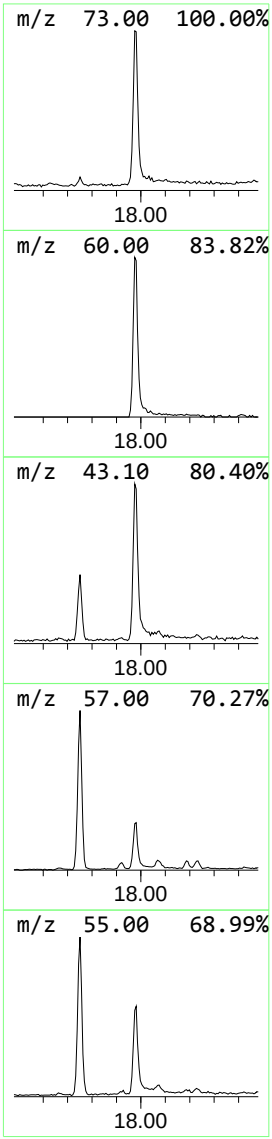
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	2.36 ng/ul	357428	Phenanthrene-d10	17.075

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	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030731.D
Acq On : 07 Apr 2024 06:51
Operator : MA/JU
Sample : P1987-09
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MC0R77

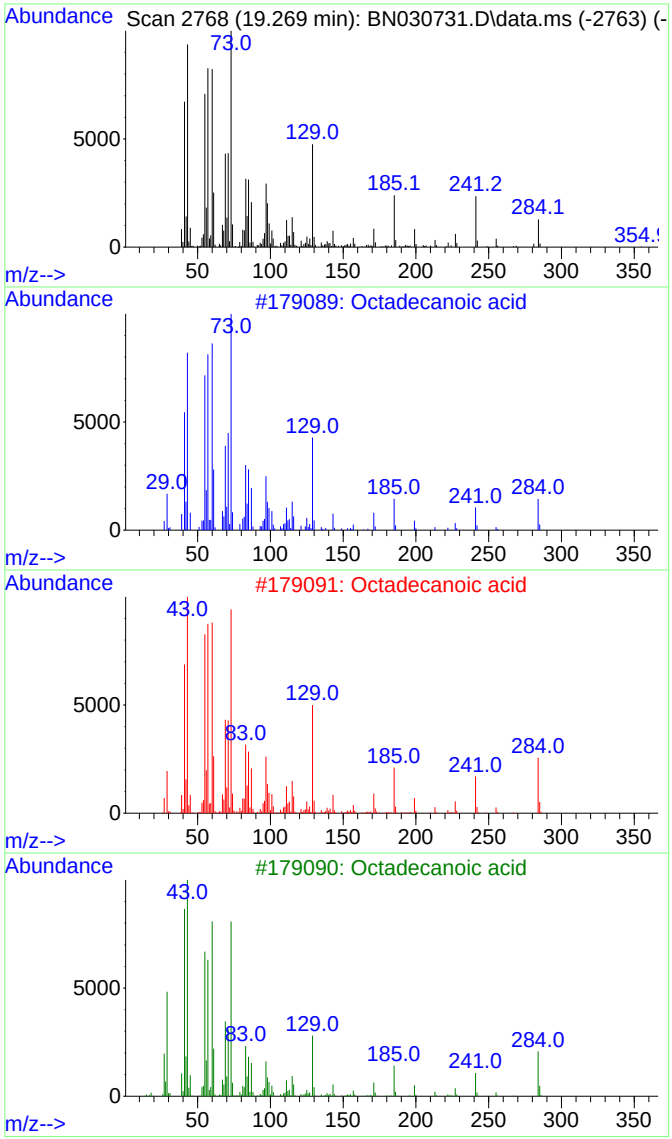
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

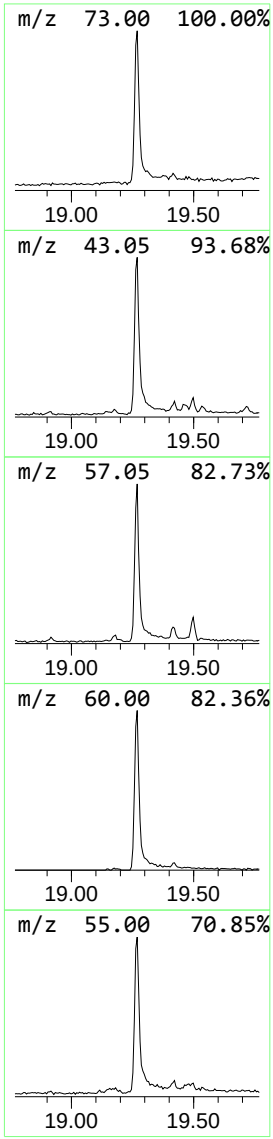
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.269	3.62 ng/ul	632870	Chrysene-d12	21.316

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	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Octadecanoic acid	284	C18H36O2	000057-11-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030731.D
Acq On : 07 Apr 2024 06:51
Operator : MA/JU
Sample : P1987-09
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MC0R77

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
1-Hexanol, 2-et...	7.746	3.0	ng/ul	132973	1	7.687	886331	20.0
Phenol, 2-methoxy-	8.775	6.7	ng/ul	298402	1	7.687	886331	20.0
unknown-01	10.381	2.1	ng/ul	156938	2	10.469	1515610	20.0
Benzaldehyde, 3...	13.245	8.9	ng/ul	1059680	3	14.328	2392370	20.0
7,9-Di-tert-but...	17.751	6.3	ng/ul	959883	4	17.075	3028890	20.0
n-Hexadecanoic ...	17.980	2.4	ng/ul	357428	4	17.075	3028890	20.0
Octadecanoic acid	19.269	3.6	ng/ul	632870	5	21.316	3499360	20.0