LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035185.D
Acq On : 20 May 2022 20:24
Operator : CG/JU
Sample : N2880-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_M\Methods\8270-BM042722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035185.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.752	108	113	120	rBV	1457599	2000412	1.31%	0.122%
2	4.163	178	183	189	rBV	2067581	2950182	1.93%	0.181%
3	5.246	347	367	405	rBV	3703102	39708522	26.02%	2.431%
4	5.493	406	409	440	rVB2	959806	3861777	2.53%	0.236%
5	6.010	489	497	502	rBV	6617168	11390906	7.46%	0.697%
6	7.022	662	669	675	rBV	1518462	2374641	1.56%	0.145%
7	7.869	802	813	817	rBV	1511975	2817786	1.85%	0.172%
8	7.993	824	834	850	rBV	10508534	18092742	11.86%	1.108%
9	9.063	1008	1016	1025	rBV2	1399071	2287188	1.50%	0.140%
10	12.480	1590	1597	1607	rVV	3175729	5881541	3.85%	0.360%
11	13.169	1708	1714	1723	rVB	2698343	4008293	2.63%	0.245%
12	14.198	1884	1889	1898	rBV	1869530	5182426	3.40%	0.317%
13	14.286	1898	1904	1926	rVV	5202978	14549824	9.53%	0.891%
14	14.539	1943	1947	1949	rVV	999190	1527172	1.00%	0.093%
15	14.580	1949	1954	1965	rVV	17160198	25820543	16.92%	1.581%
16	15.886	2171	2176	2185	rBV	1153200	3596766	2.36%	0.220%
17	15.986	2185	2193	2197	rBV	871896	2195459	1.44%	0.134%
18	16.327	2246	2251	2262	rVB	2957359	5304473	3.48%	0.325%
19	16.527	2270	2285	2287	rBV3	33648641	140917296	92.34%	8.626%
20	16.916	2349	2351	2354	rVB2	8102350	10254737	6.72%	0.628%
21	17.015	2366	2368	2372	rVB	12455110	11591765	7.60%	0.710%
22	17.092	2372	2381	2383	rVV2	20213373	43751467	28.67%	2.678%
23	17.127	2383	2387	2389	rVV	29623227	51271015	33.60%	3.138%
24	17.151	2389	2391	2395	rVV	26971734	40215248	26.35%	2.462%
25	17.186	2395	2397	2400	rVV	17074239	21054634	13.80%	1.289%
26	17.215	2400	2402	2408	rVV	7214808	8062763	5.28%	0.494%
27	17.268	2408	2411	2416	rVB2	2894873	3617898	2.37%	0.221%
28	17.515	2450	2453	2462	rVB	1179596	1915325	1.26%	0.117%
29	17.633	2468	2473	2475	rBV	6133690	8055593	5.28%	0.493%
30	17.668	2475	2479	2482	rVV	17052123	24854714	16.29%	1.521%
31	17.698	2482	2484	2492	rVB2	12102156	20714892	13.57%	1.268%
32	18.168	2556	2564	2566	rBV	6299262	11068020	7.25%	0.678%
33	18.192	2566	2568	2570	rVV	2698693	2612557	1.71%	0.160%
34	18.280	2570	2583	2586	rVV	25458647	70402599	46.13%	4.310%
35	18.515	2619	2623	2630	rVB	2099475	4028595	2.64%	0.247%
36	18.633	2640	2643	2648	rVB	1395107	1832311	1.20%	0.112%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035185.D
Acq On : 20 May 2022 20:24
Operator : CG/JU
Sample : N2880-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_M\Methods\8270-BM042722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.745	2649	2662	2672	rBV4	3020021	13997366	9.17%	0.857%
38	18.827	2673	2676	2680	rVB2	1268353	1954715	1.28%	0.120%
39	18.974	2697	2701	2703	rBV3	2161490	3378977	2.21%	0.207%
40	19.004	2703	2706	2711	rVB2	4275871	5972817	3.91%	0.366%
41	19.068	2715	2717	2721	rVB2	1838441	2037388	1.34%	0.125%
42	19.168	2724	2734	2741	rBV2	15771653	50950118	33.39%	3.119%
43	19.262	2746	2750	2754	rVB	4223151	4999898	3.28%	0.306%
44	19.415	2763	2776	2782	rBV	26329455	62659889	41.06%	3.836%
45	19.468	2782	2785	2789	rVV2	4941959	7150381	4.69%	0.438%
46	19.527	2789	2795	2802	rVV2	19976394	33719208	22.10%	2.064%
47	19.586	2802	2805	2812	rVB	2618537	4010172	2.63%	0.245%
48	19.662	2813	2818	2822	rVB	3421017	4594778	3.01%	0.281%
49	19.727	2824	2829	2836	rVB	7216990	11301264	7.41%	0.692%
50	19.839	2841	2848	2854	rBV3	39228384	78476794	51.42%	4.804%
51	19.921	2859	2862	2870	rVB	1441076	2027398	1.33%	0.124%
52	19.992	2870	2874	2877	rBV	6713095	7680827	5.03%	0.470%
53	20.086	2885	2890	2894	rBV	3452448	5641388	3.70%	0.345%
54	20.127	2894	2897	2906	rVB	2272241	3333247	2.18%	0.204%
55	20.204	2906	2910	2913	rBV	2119263	3102613	2.03%	0.190%
56	20.245	2914	2917	2919	rBV	1987993	1867856	1.22%	0.114%
57	20.374	2919	2939	2940	rBV4	38112101	152606221	100.00%	9.342%
58	20.527	2961	2965	2972	rVB	7252481	11034378	7.23%	0.675%
59	20.603	2972	2978	2983	rVB2	12639233	20755645	13.60%	1.271%
60	20.739	2999	3001	3004	rVV	2182946	2426048	1.59%	0.149%
61	20.803	3004	3012	3022	rVV	11352431	30496037	19.98%	1.867%
62	20.903	3022	3029	3033	rVV2	37392055	64213318	42.08%	3.931%
63	21.021	3046	3049	3053	rVB	5071711	5723459	3.75%	0.350%
64	21.209	3076	3081	3084	rBV	7771600	9164124	6.01%	0.561%
65	21.380	3103	3110	3113	rBV	35961514	54623845	35.79%	3.344%
66	21.509	3130	3132	3142	rVB2	3231179	6253566	4.10%	0.383%
67	22.009	3213	3217	3221	rVB	2157757	2682342	1.76%	0.164%
68	22.109	3229	3234	3239	rVB	5000544	6383034	4.18%	0.391%
69	22.209	3245	3251	3258	rVB	10493928	20905704	13.70%	1.280%
70	22.445	3286	3291	3297	rVB	10945275	14522848	9.52%	0.889%
71	22.809	3349	3353	3359	rVB	1548282	2920123	1.91%	0.179%
72	23.203	3415	3420	3425	rVB	6262974	9876503	6.47%	0.605%
73	23.274	3426	3432	3438	rVV	2467050	5367020	3.52%	0.329%
74	23.333	3439	3442	3447	rVB	1505006	2173288	1.42%	0.133%
75	23.597	3476	3487	3492	rBV	34899397	84044330	55.07%	5.145%
76	24.344	3606	3614	3625	rBV	4528933	12875841	8.44%	0.788%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WW

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_M\Methods\8270-BM042722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	24.644	3659	3665	3682	rVB2	3505696	10210935	6.69%	0.625%
78	25.056	3729	3735	3747	rVB4	2950878	7965481	5.22%	0.488%
79	25.209	3753	3761	3772	rVB	9877098	23475283	15.38%	1.437%
80	26.550	3971	3989	4015	rVB	25220351	126830282	83.11%	7.764%
81	29.068	4413	4417	4422	rBV2	3673006	7473449	4.90%	0.457%

Sum of corrected areas: 1633632280

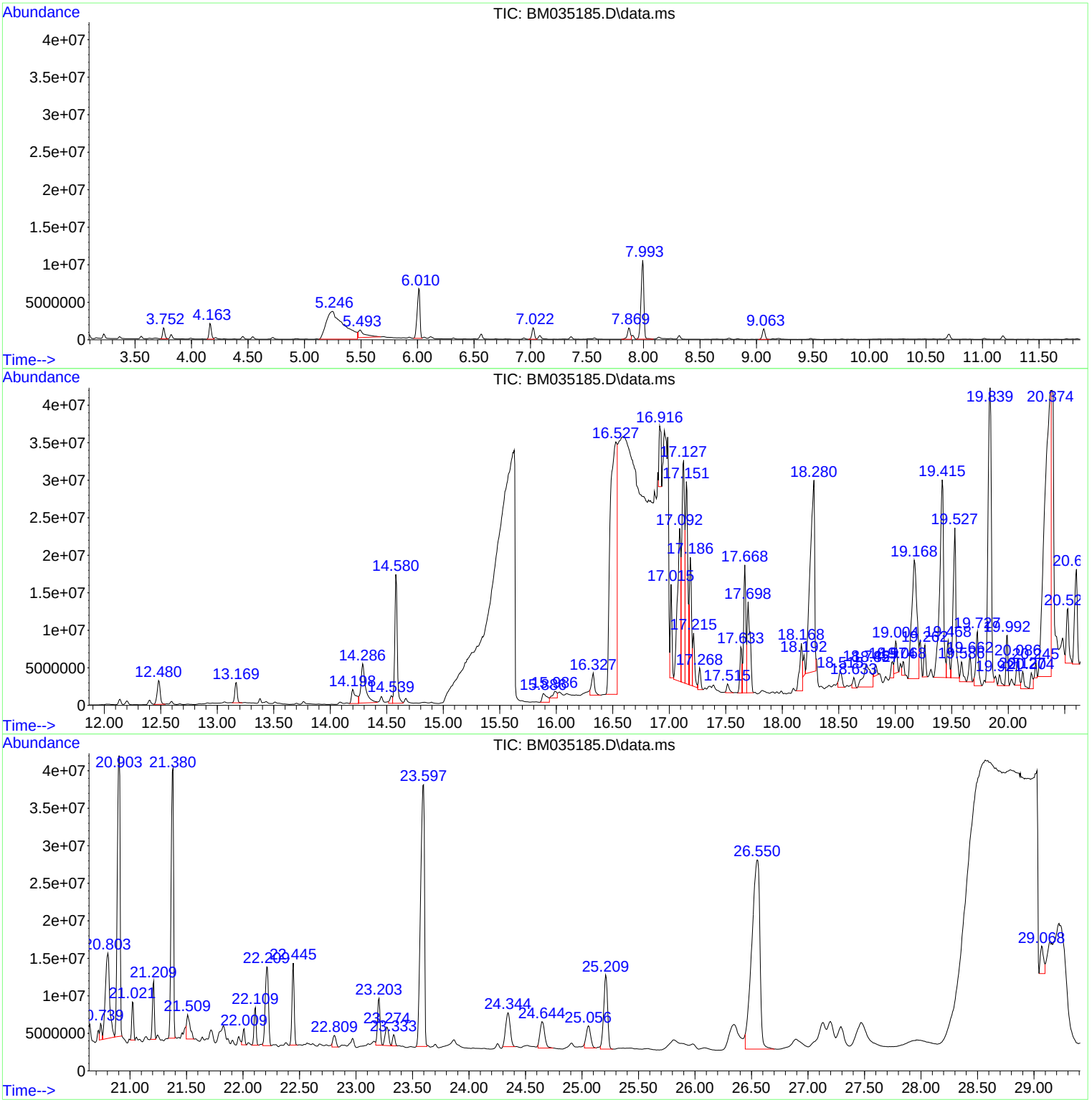
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035185.D
Acq On : 20 May 2022 20:24
Operator : CG/JU
Sample : N2880-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035185.D
Acq On : 20 May 2022 20:24
Operator : CG/JU
Sample : N2880-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

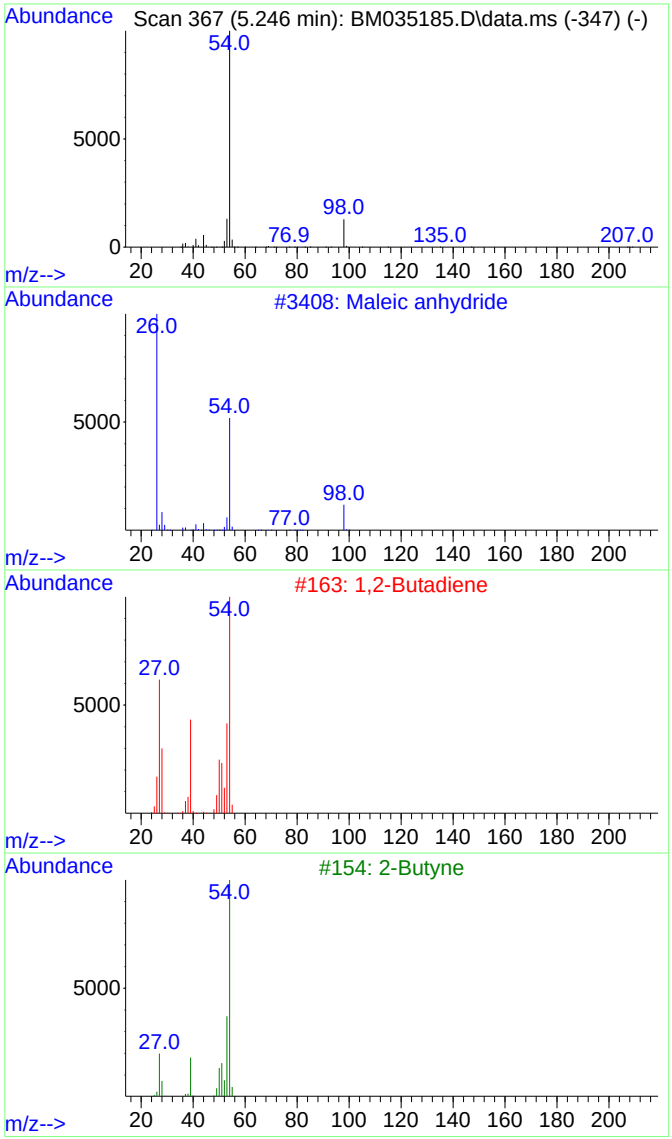
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

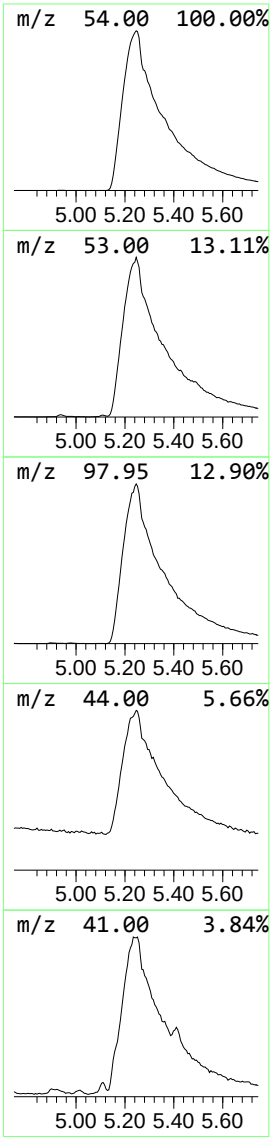
****

Peak Number 1 Maleic anhydride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.246	281.84 ng	39708500	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Maleic anhydride	98	C4H2O3	000108-31-6	91
2	1,2-Butadiene	54	C4H6	000590-19-2	7
3	2-Butyne	54	C4H6	000503-17-3	7
4	Carbonocyanidic acid, ethyl ester	99	C4H5NO2	000623-49-4	5
5	1-Butyne	54	C4H6	000107-00-6	5





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035185.D
Acq On : 20 May 2022 20:24
Operator : CG/JU
Sample : N2880-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

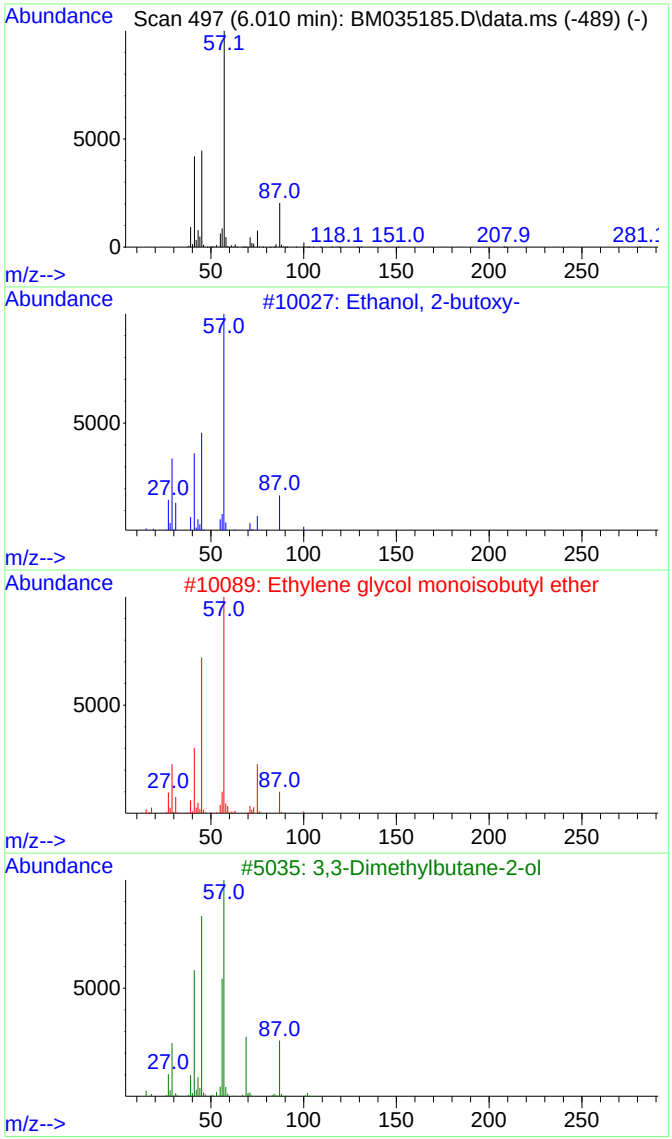
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

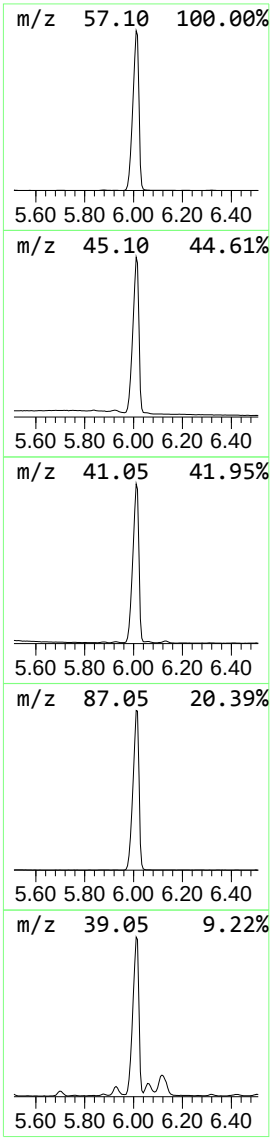
****

Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.010	80.85 ng	11390900	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	53
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	45
4	Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	25
5	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035185.D
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

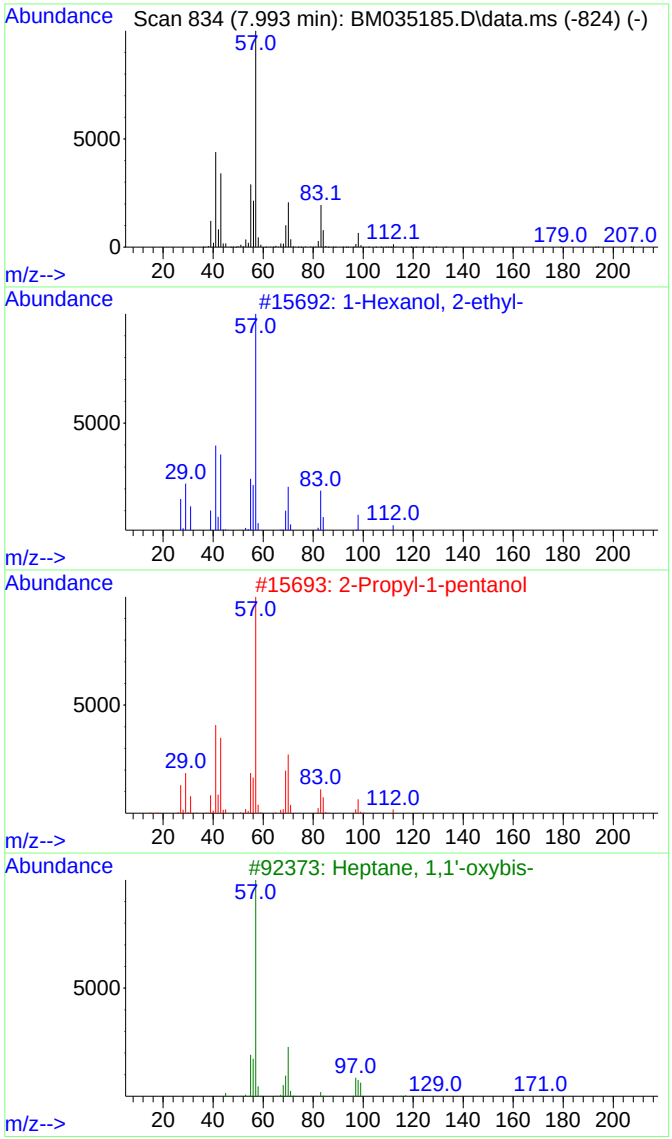
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

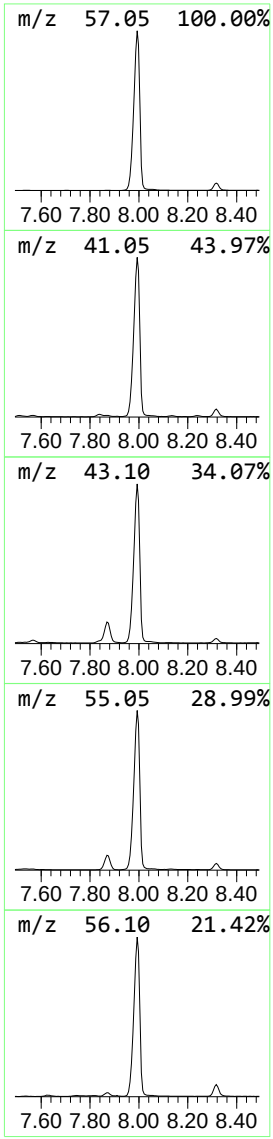
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.993	128.42 ng	18092700	1,4-Dichlorobenzene-d4	7.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	47
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	45
4	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	40
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	40





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

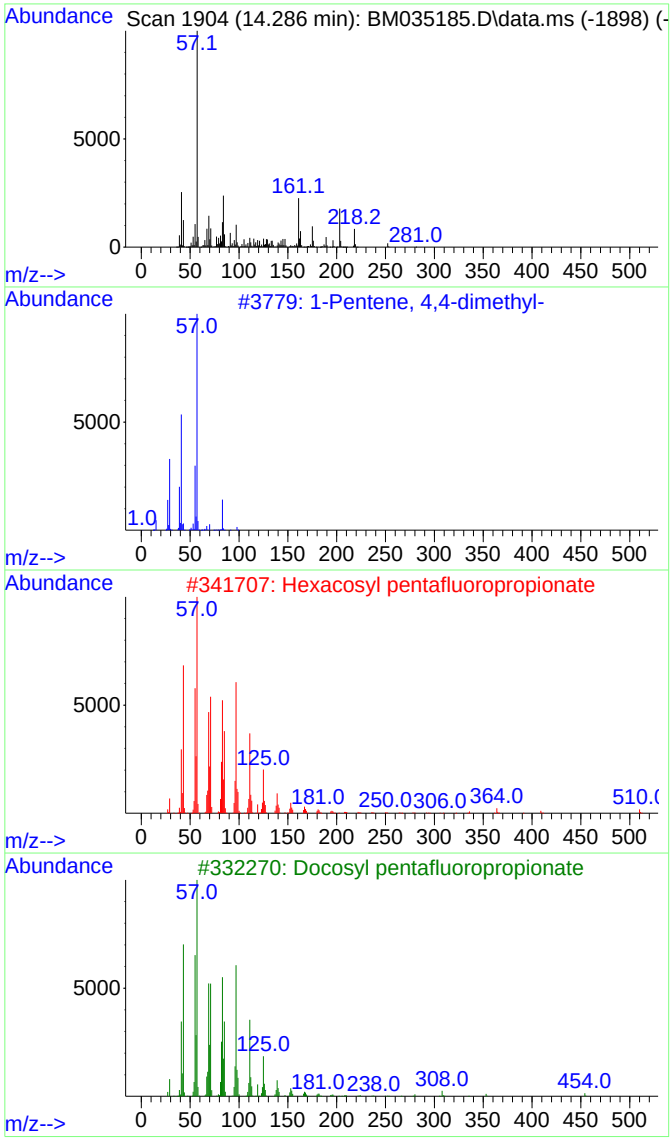
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

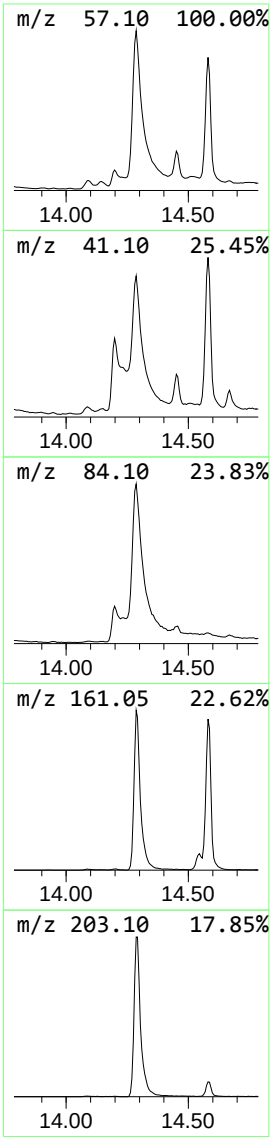
****

Peak Number 4 unknown14.286 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.286	190.55 ng	14549800	Acenaphthene-d10	14.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 4,4-dimethyl-	98	C7H14	000762-62-9	10
2	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	10
3	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	10
4	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	10
5	Tetratriacontyl trifluoroacetate	591	C36H69F3O2	1000351-75-3	10





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Acq On : 20 May 2022 20:24
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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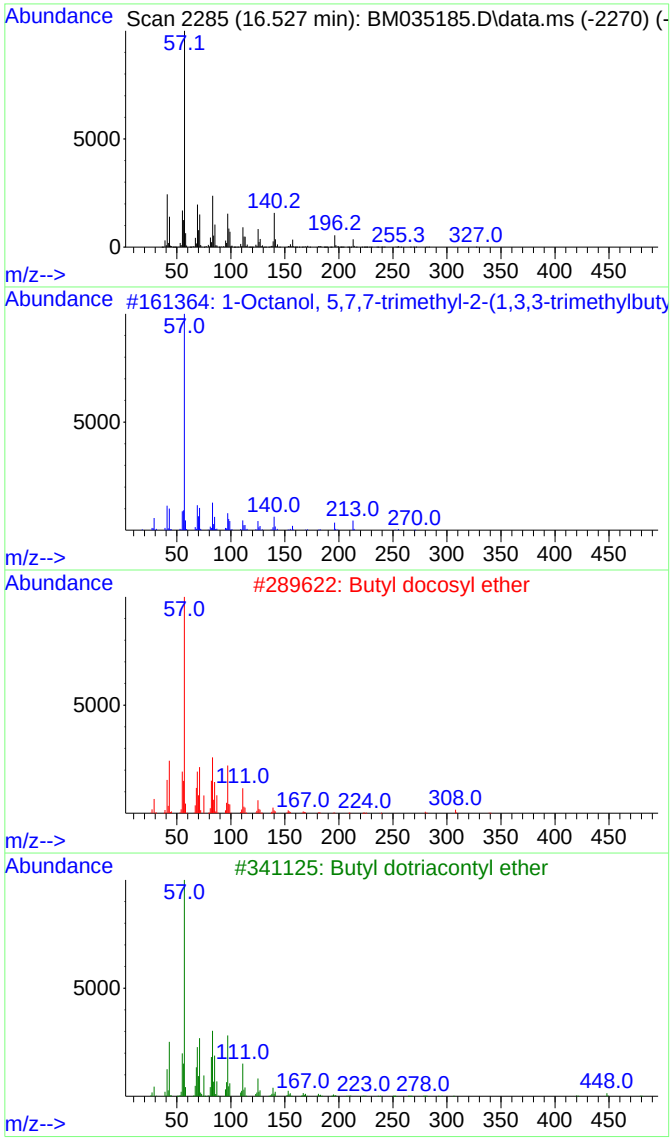
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

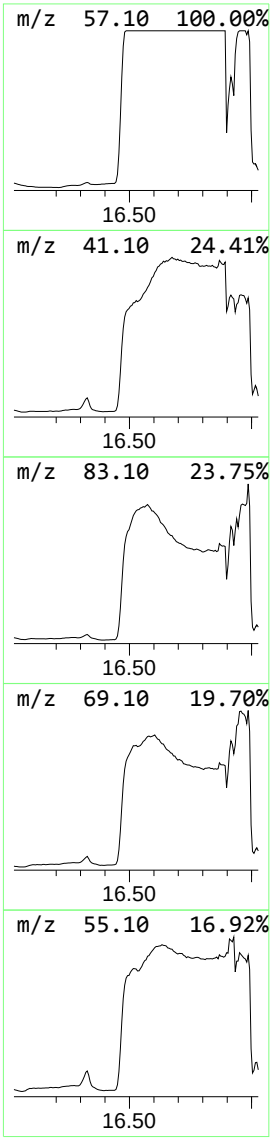
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.527	779.00 ng	140917000	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	68
2	Butyl docosyl ether	382	C26H54O	1000406-40-8	53
3	Butyl dotriacontyl ether	523	C36H74O	1000406-41-3	49
4	Butyl tetradecyl ether	270	C18H38O	1000406-40-4	47
5	Butyl triacontyl ether	495	C34H70O	1000406-41-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035185.D
Acq On : 20 May 2022 20:24
Operator : CG/JU
Sample : N2880-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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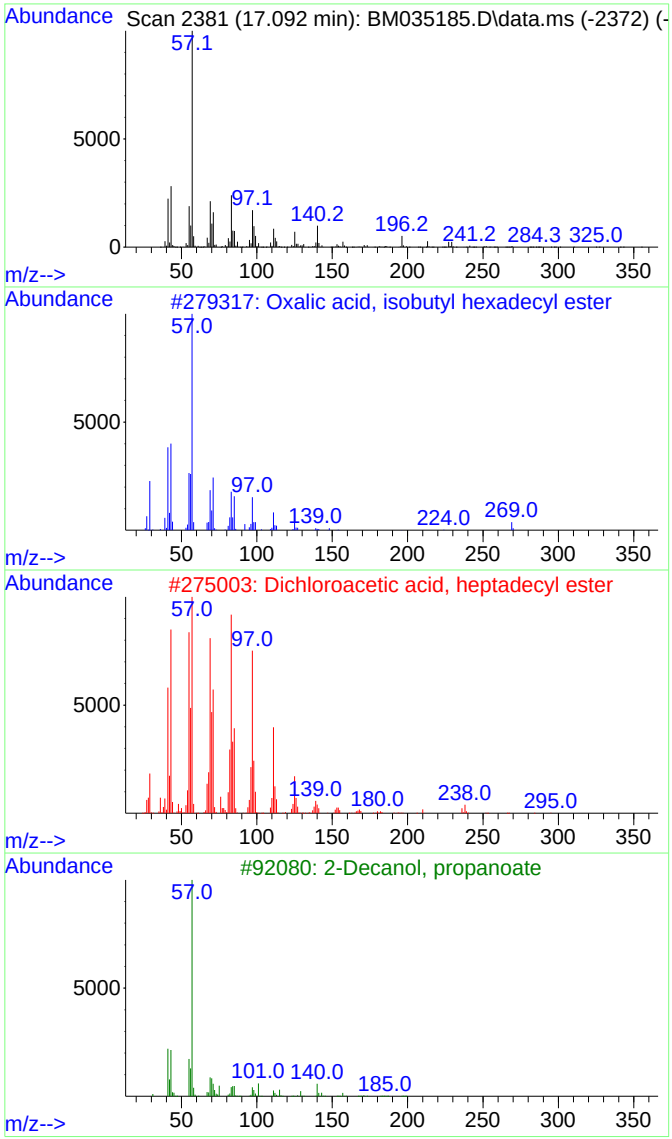
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

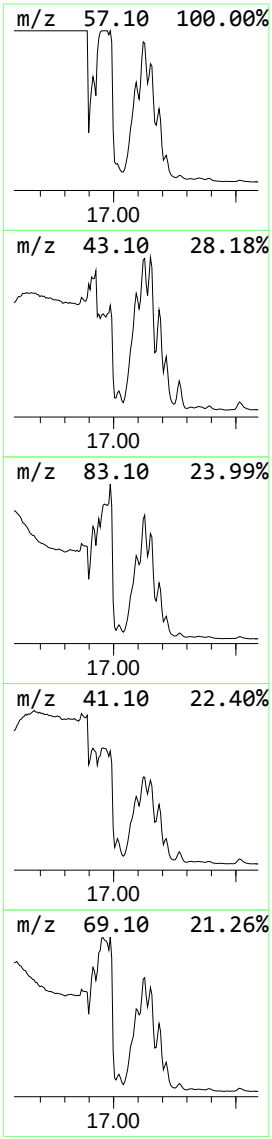
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Oxalic acid, isobutyl hexad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.092	241.86 ng	43751500	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	59
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	52
3	2-Decanol, propanoate	214	C13H26O2	055683-11-9	47
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	43
5	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	43





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Data File : BM035185.D
Acq On : 20 May 2022 20:24
Operator : CG/JU
Sample : N2880-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

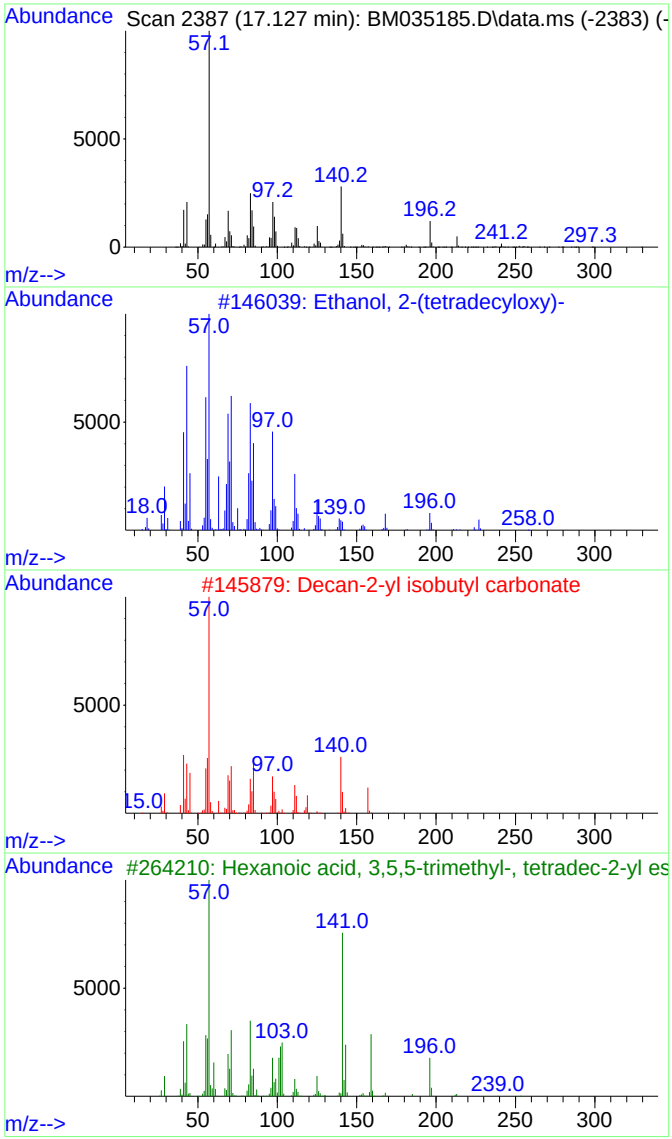
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

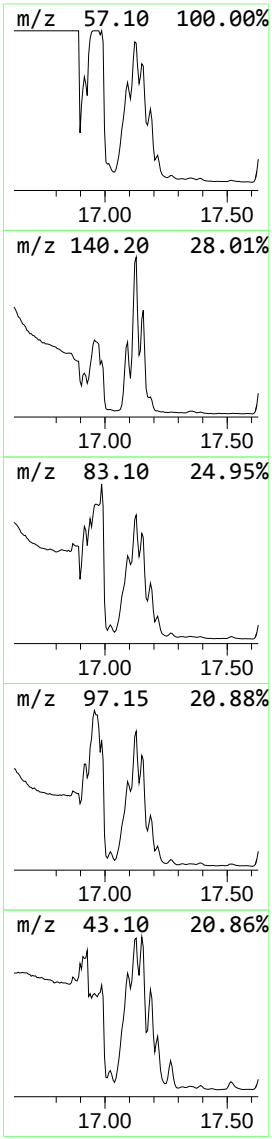
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Ethanol, 2-(tetradecyloxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.127	283.43 ng	51271000	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	50
2	Decan-2-yl isobutyl carbonate	258	C15H30O3	1000372-79-5	50
3	Hexanoic acid, 3,5,5-trimethyl-,...	354	C23H46O2	1000406-26-6	50
4	1-Dodecanol, 2-methyl-, (S)-	200	C13H28O	057289-26-6	47
5	Hexanoic acid, 3,5,5-trimethyl-,...	354	C23H46O2	1000406-26-8	47





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Acq On : 20 May 2022 20:24
Operator : CG/JU
Sample : N2880-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

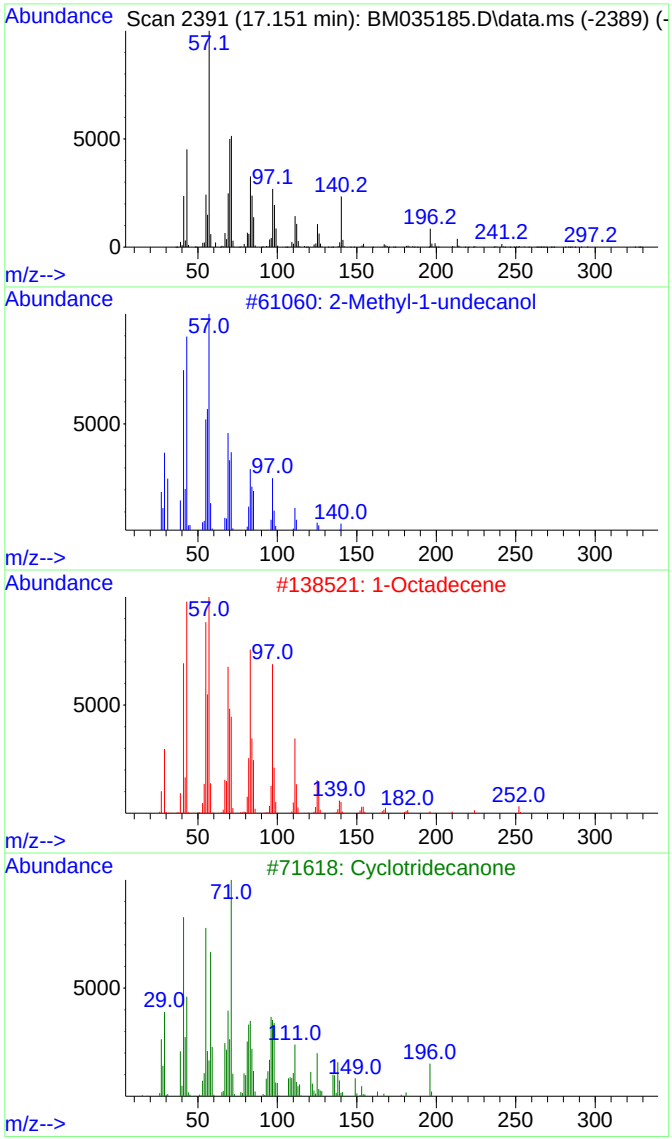
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

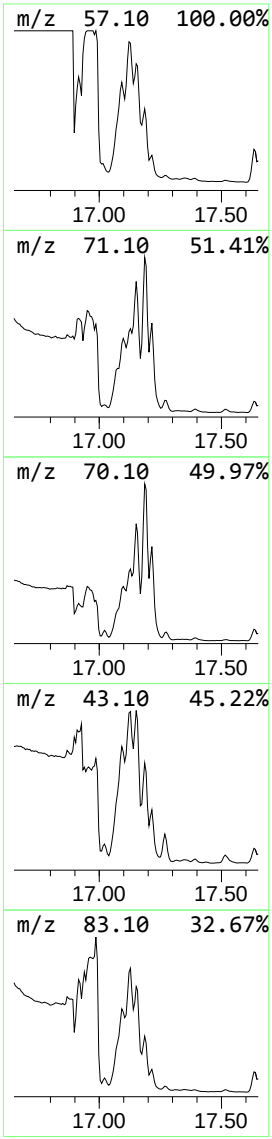
****

Peak Number 8 2-Methyl-1-undecanol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.151	222.31 ng	40215200	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-1-undecanol	186	C12H26O	010522-26-6	72
2	1-Octadecene	252	C18H36	000112-88-9	47
3	Cyclotridecanone	196	C13H24O	000832-10-0	46
4	Carbonic acid, decyl 2-ethylhexy...	314	C19H38O3	1000383-13-7	43
5	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	38





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Acq On : 20 May 2022 20:24
Operator : CG/JU
Sample : N2880-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

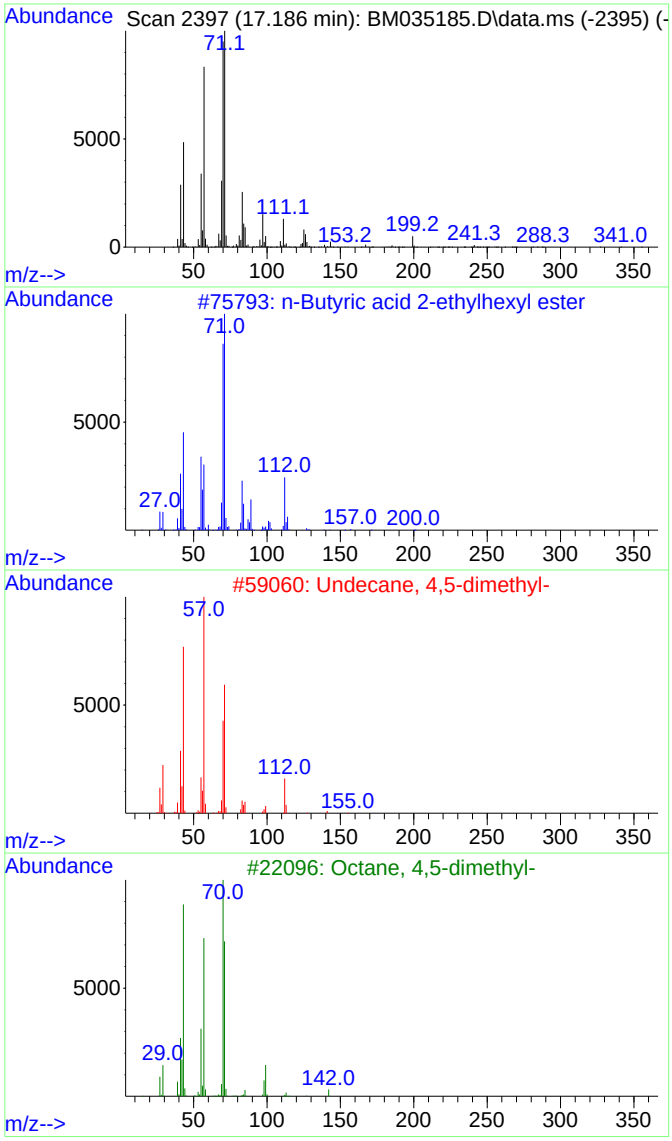
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

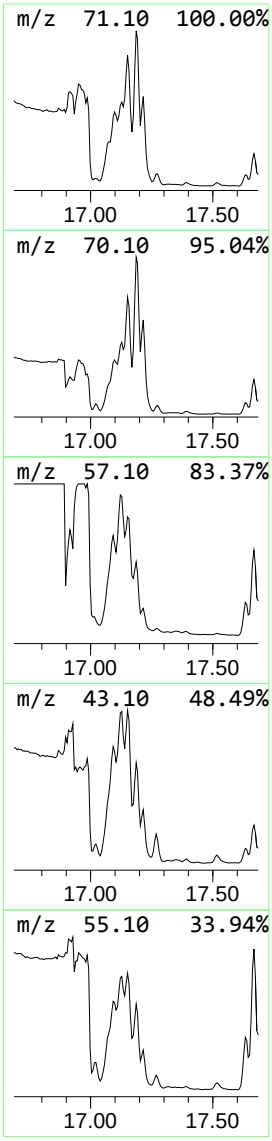
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 n-Butyric acid 2-ethylhexyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.186	116.39 ng	21054600	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Butyric acid 2-ethylhexyl ester	200	C12H24O2	025415-84-3	59
2	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	59
3	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	53
4	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	50
5	2-Bromopropionic acid, 2-ethylhe...	264	C11H21BrO2	130841-38-2	47





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Data File : BM035185.D
Acq On : 20 May 2022 20:24
Operator : CG/JU
Sample : N2880-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

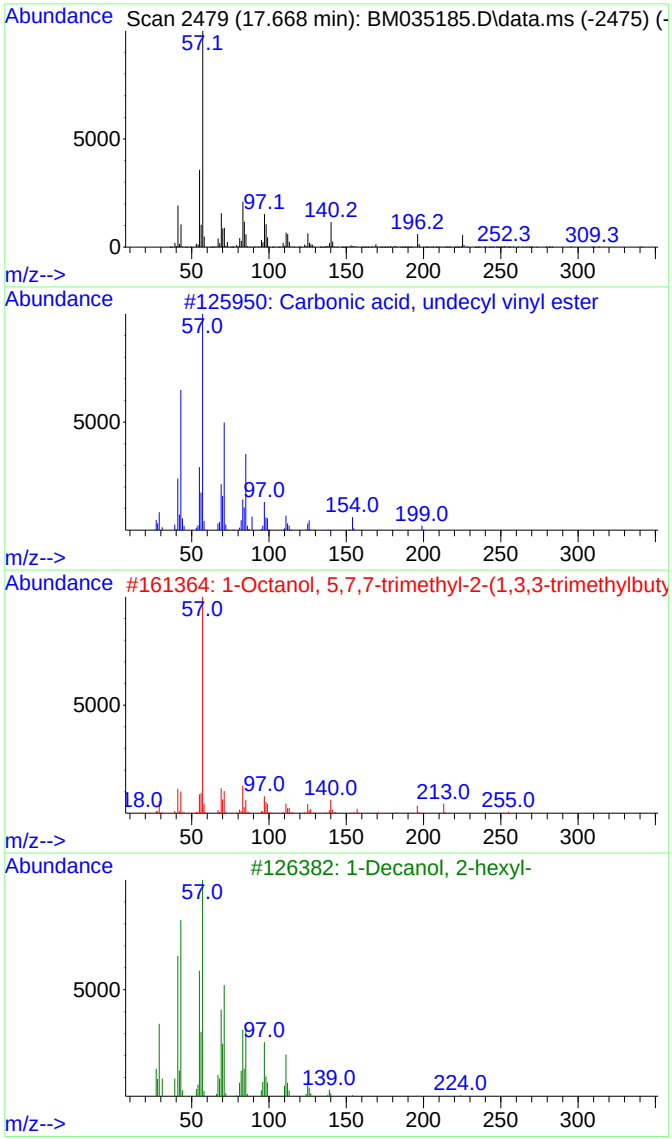
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

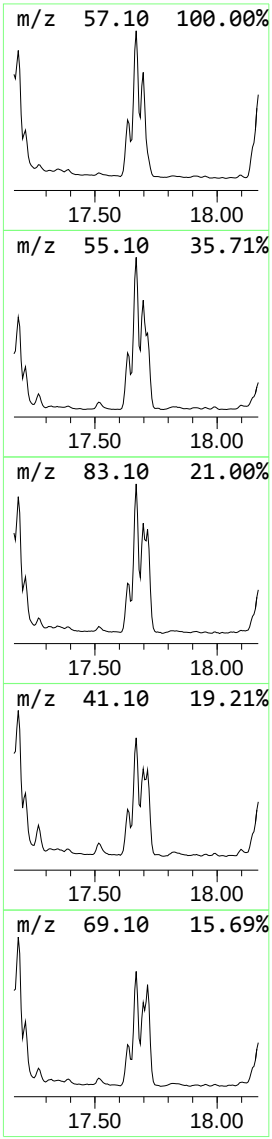
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Carbonic acid, undecyl viny... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.668	137.40 ng	24854700	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, undecyl vinyl ester	242	C14H26O3	1000382-54-9	64
2	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	58
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	47
4	4-Octadecenal	266	C18H34O	056554-98-4	43
5	7-t-Butoxybicyclo[2.2.1]heptane-...	196	C11H16O3	1000210-03-3	38





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Data File : BM035185.D
Acq On : 20 May 2022 20:24
Operator : CG/JU
Sample : N2880-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

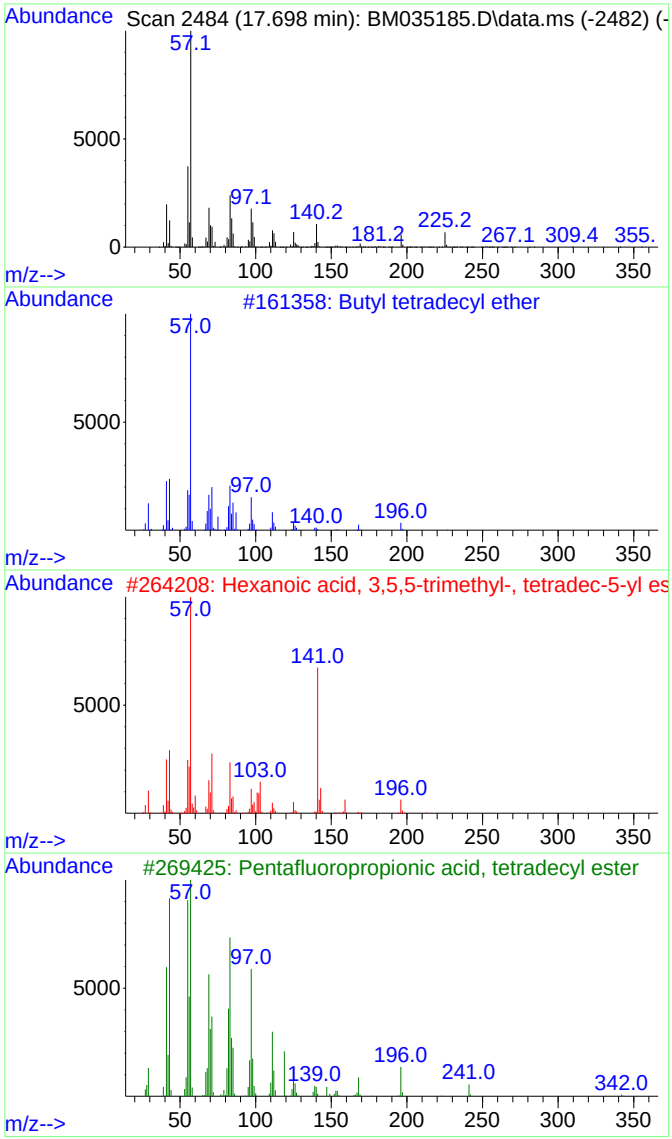
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

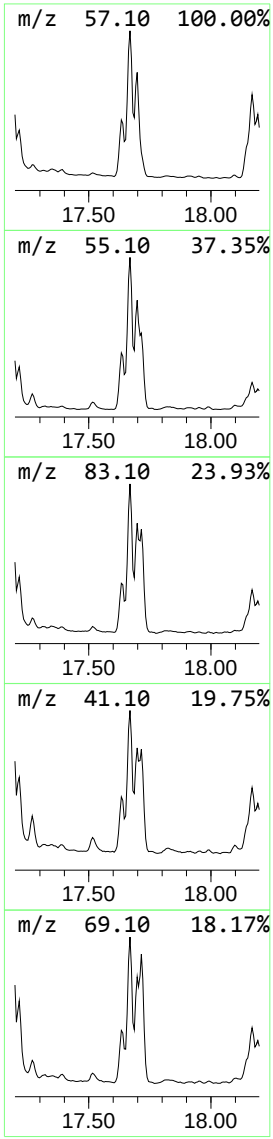
****

Peak Number 11 Butyl tetradecyl ether Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.698	114.51 ng	20714900	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl tetradecyl ether	270	C18H38O	1000406-40-4	64
2	Hexanoic acid, 3,5,5-trimethyl-,...	354	C23H46O2	1000406-26-9	50
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	50
4	Butyl dodecyl ether	242	C16H34O	1000406-40-3	50
5	Butyl decyl ether	214	C14H30O	1000406-40-2	47





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Acq On : 20 May 2022 20:24
Operator : CG/JU
Sample : N2880-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

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BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

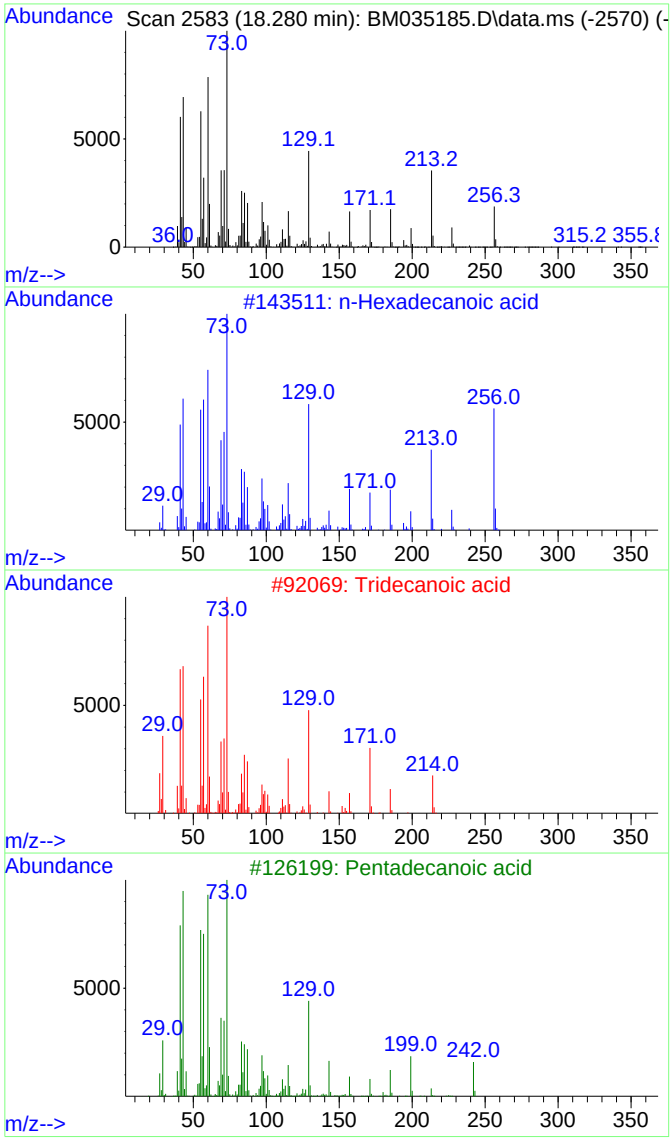
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

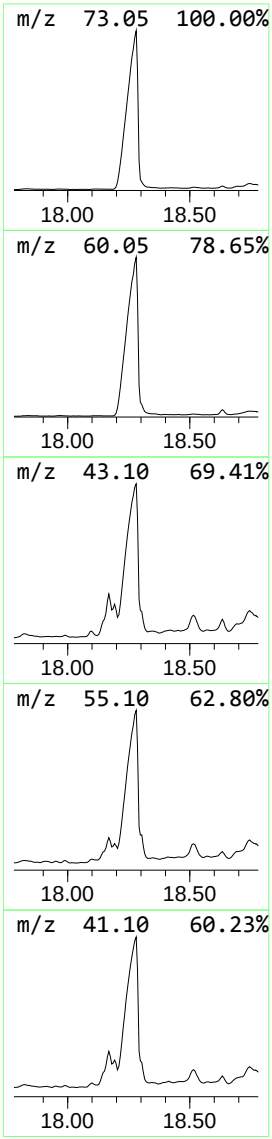
****

Peak Number 12 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	389.19 ng	70402600	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	62





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Acq On : 20 May 2022 20:24
Operator : CG/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

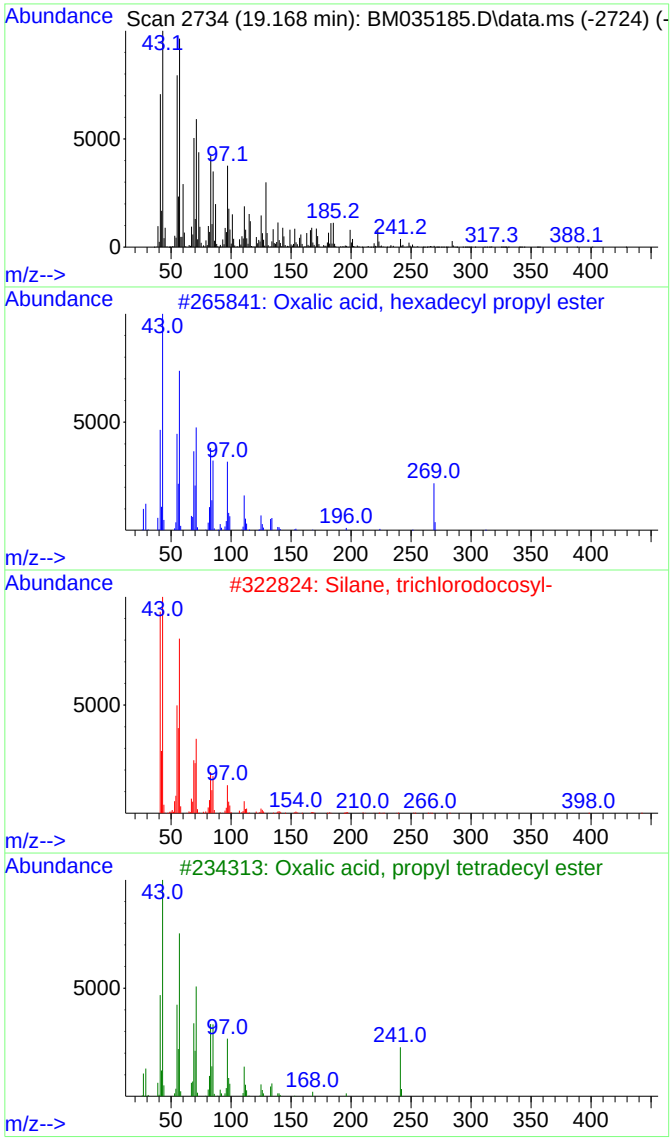
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

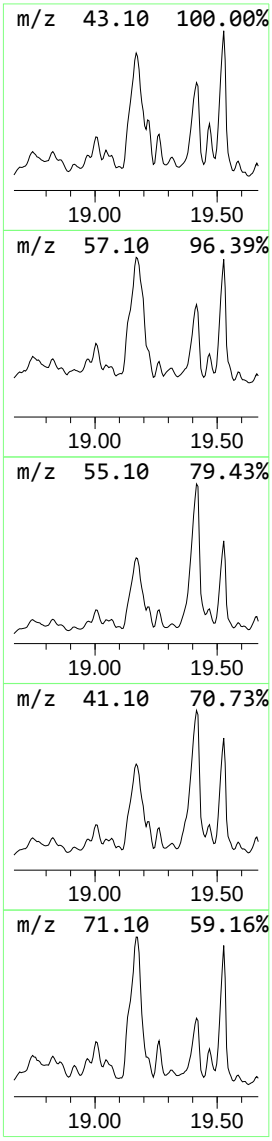
****

Peak Number 13 unknown19.168 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.168	281.66 ng	50950100	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	49
2	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	46
3	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	46
4	Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	46
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	38





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Operator : CG/JU
Sample : N2880-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

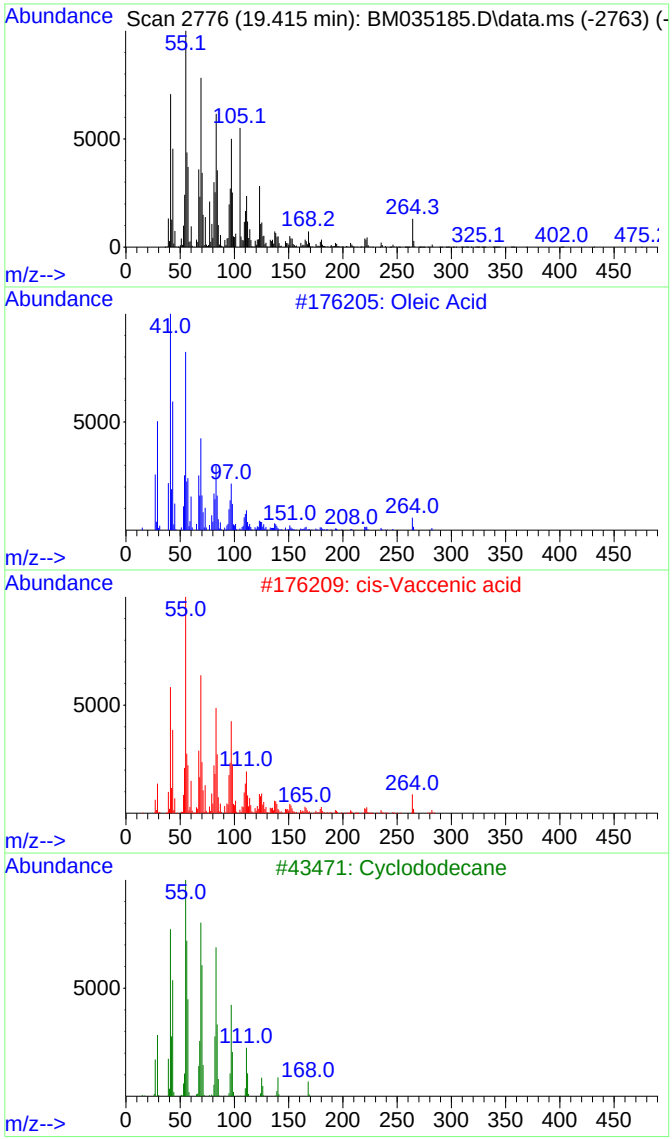
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

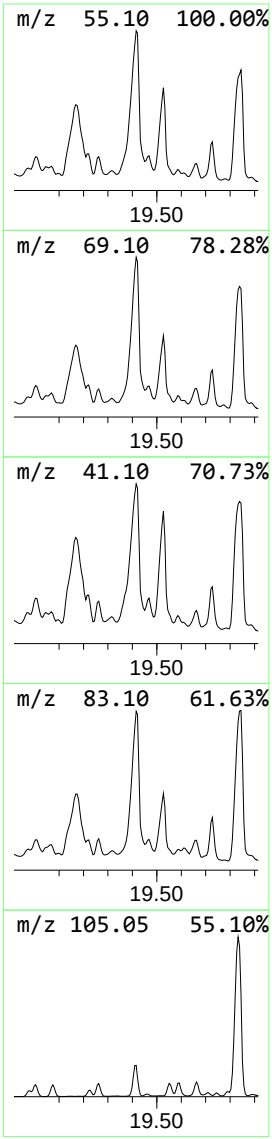
****

Peak Number 14 Oleic Acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.415	346.39 ng	62659900	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	92
2	cis-Vaccenic acid	282	C18H34O2	000506-17-2	83
3	Cyclododecane	168	C12H24	000294-62-2	81
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	81
5	1-Dodecanol	186	C12H26O	000112-53-8	68





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Sample : N2880-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

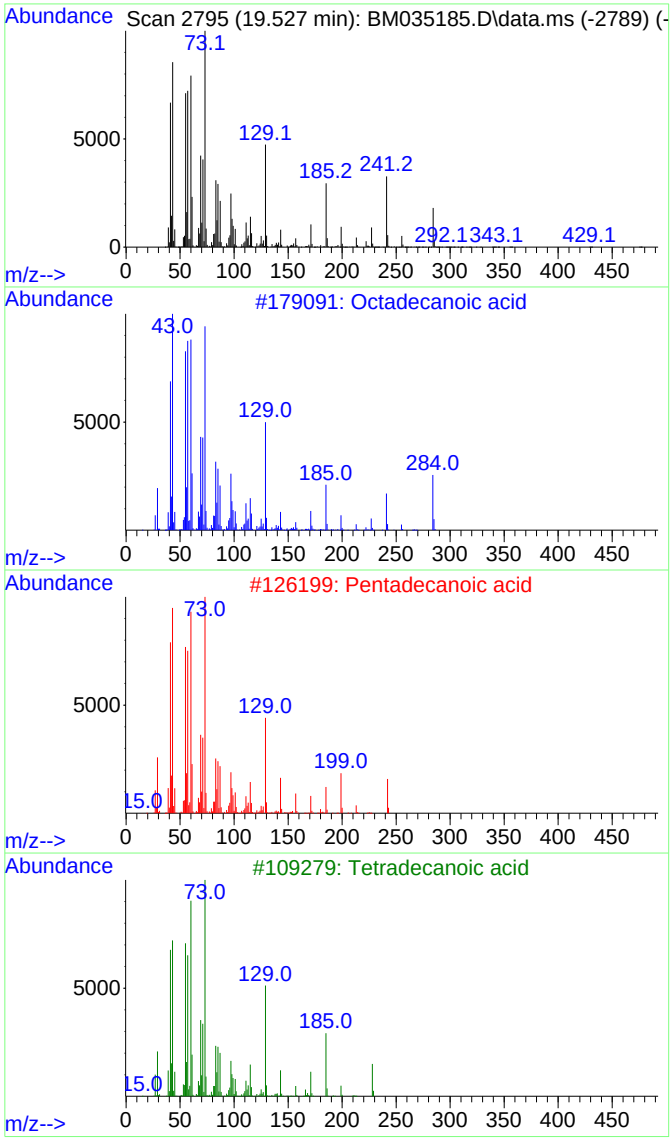
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

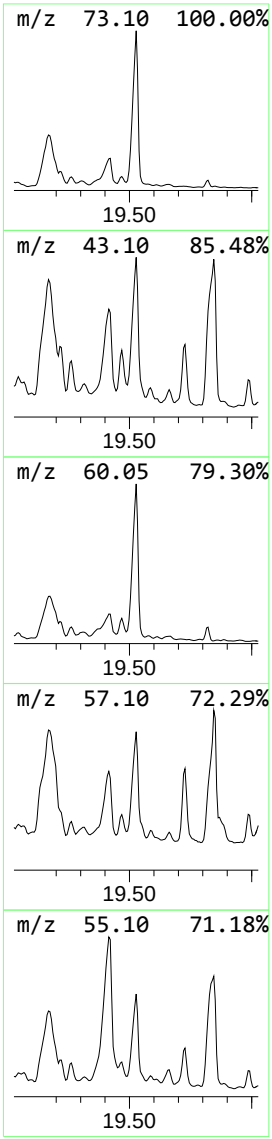
****

Peak Number 15 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.527	107.84 ng	33719200	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Acq On : 20 May 2022 20:24
Operator : CG/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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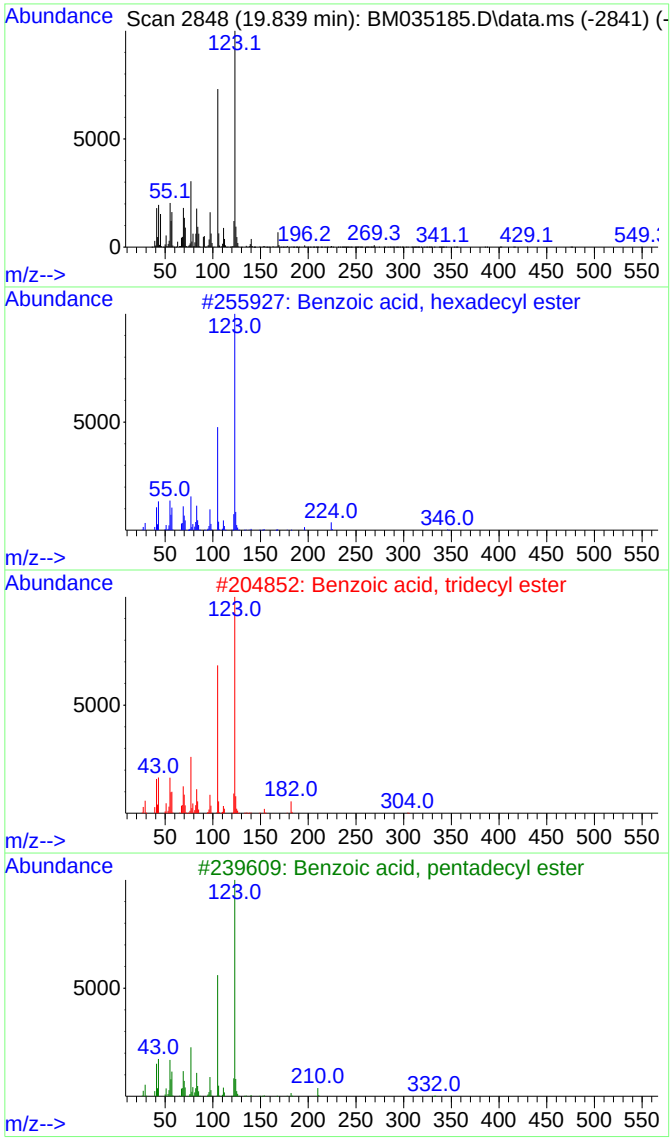
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

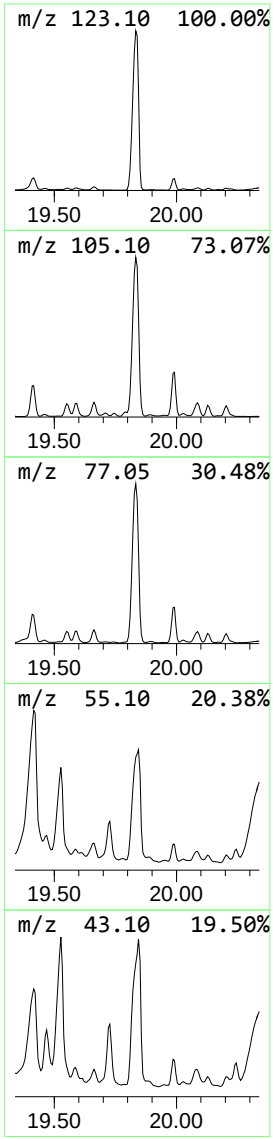
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzoic acid, hexadecyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.839	250.98 ng	78476800	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, hexadecyl ester	346	C23H38O2	1000340-22-9	87
2	Benzoic acid, tridecyl ester	304	C20H32O2	1010340-22-6	87
3	Benzoic acid, pentadecyl ester	332	C22H36O2	1000340-22-8	86
4	Benzoic acid, octyl ester	234	C15H22O2	000094-50-8	72
5	3-Fluorobenzoic acid, 4-tetradec...	336	C21H33FO2	1000280-60-6	64





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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

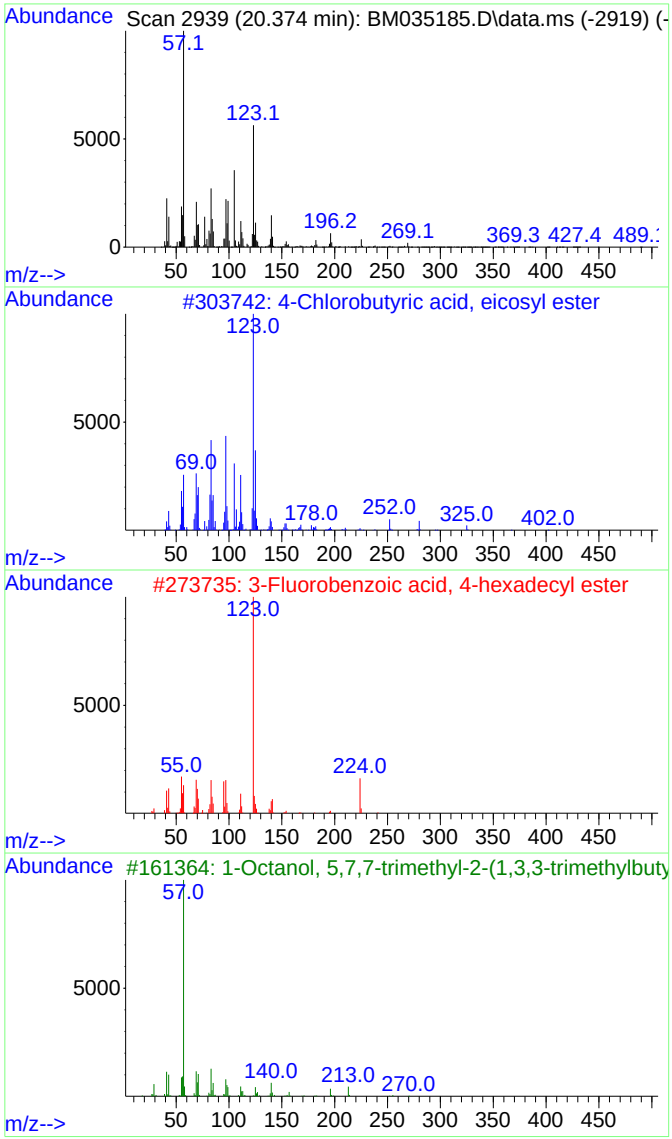
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

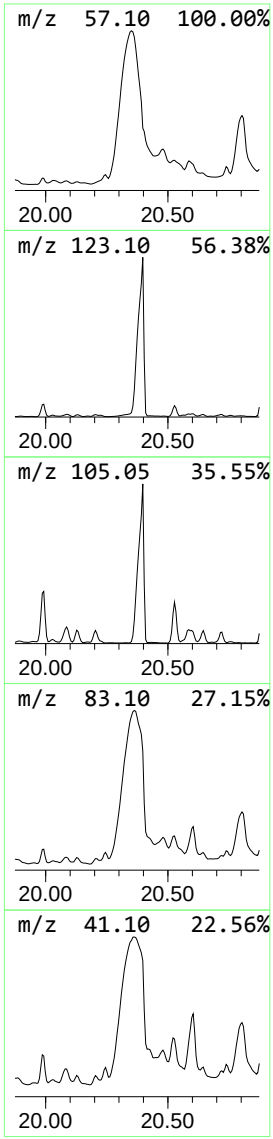
****

Peak Number 17 unknown20.374 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.374	488.06 ng	152606000	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chlorobutyric acid, eicosyl ester	402	C24H47ClO2	1000340-23-6	47
2	3-Fluorobenzoic acid, 4-hexadecy...	364	C23H37FO2	1000283-01-7	38
3	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	30
4	Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	27
5	1-Heptadecene	238	C17H34	006765-39-5	25





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Acq On : 20 May 2022 20:24
Operator : CG/JU
Sample : N2880-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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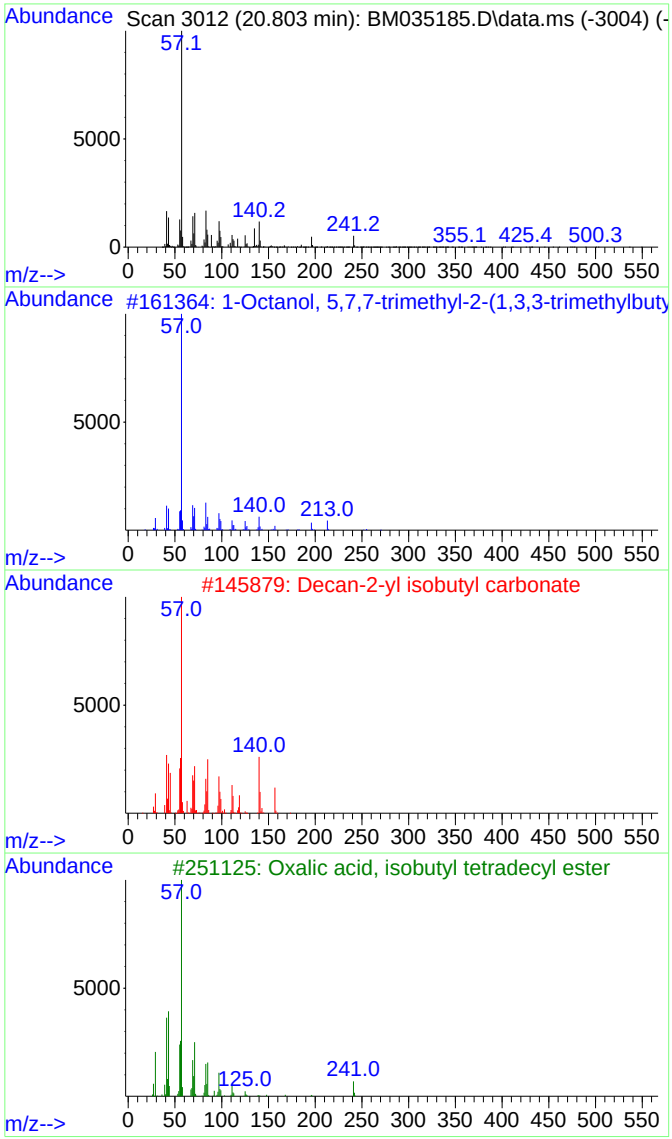
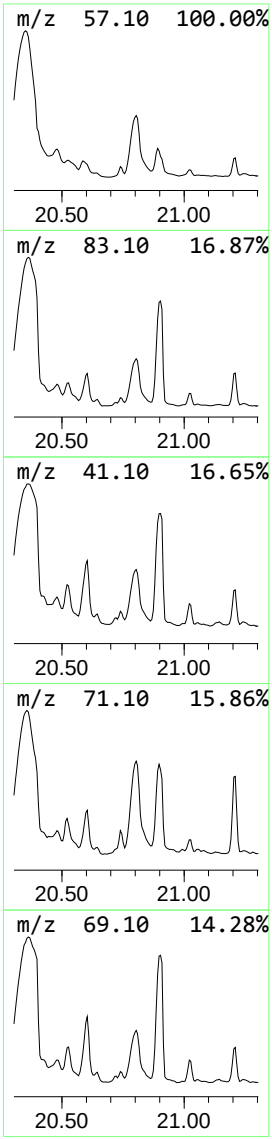
Peak Number 18 Decan-2-yl isobutyl carbonate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.804	97.53 ng	30496000	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	52
2	Decan-2-yl isobutyl carbonate	258	C15H30O3	1000372-79-5	50
3	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	47
4	Decyl heptyl ether	256	C17H36O	1000406-39-1	43
5	Heptyl tetradecyl ether	312	C21H44O	1000406-39-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035185.D
Acq On : 20 May 2022 20:24
Operator : CG/JU
Sample : N2880-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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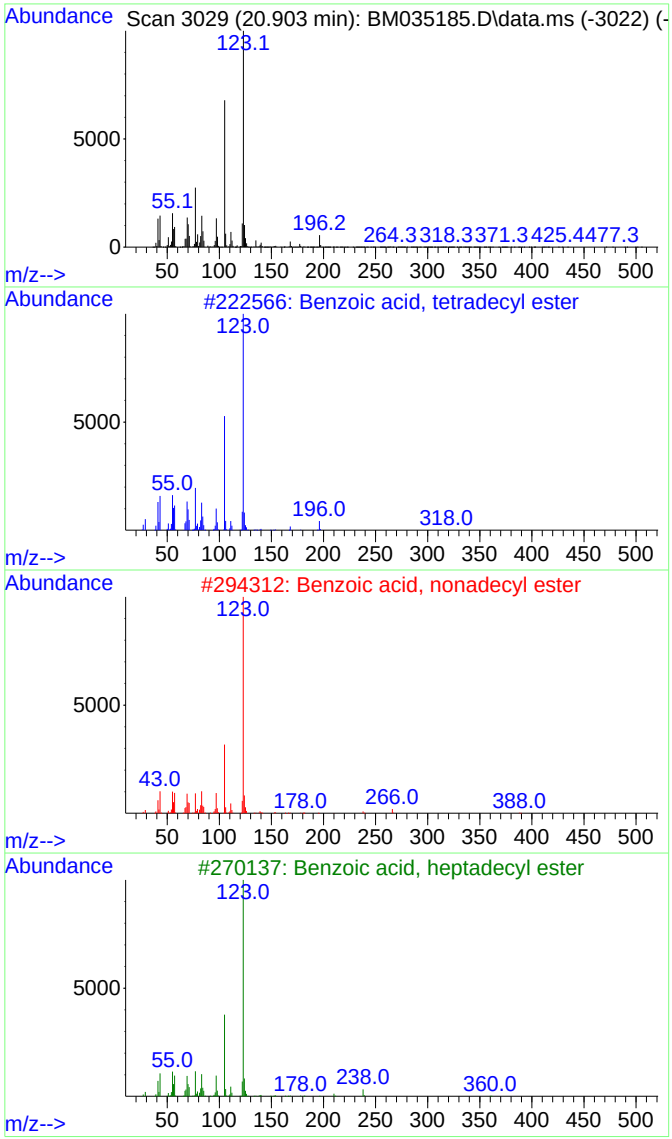
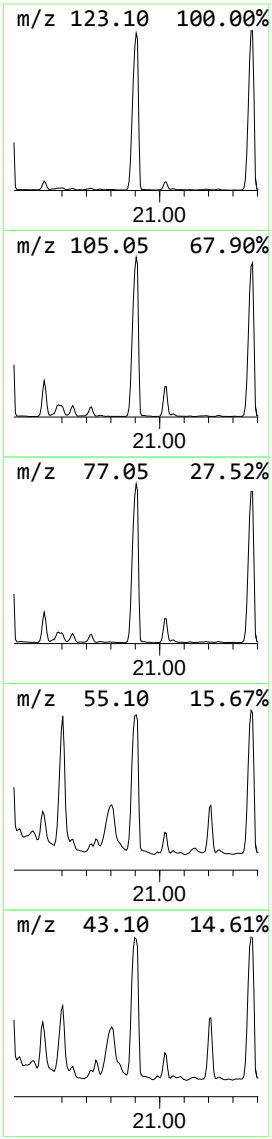
Peak Number 19 Benzoic acid, tetradecyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.904	205.37 ng	64213300	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	98
2	Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	91
3	Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	91
4	Benzoic acid, octadecyl ester	374	C25H42O2	010578-34-4	91
5	Benzoic acid, tridecyl ester	304	C20H32O2	1010340-22-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035185.D
Acq On : 20 May 2022 20:24
Operator : CG/JU
Sample : N2880-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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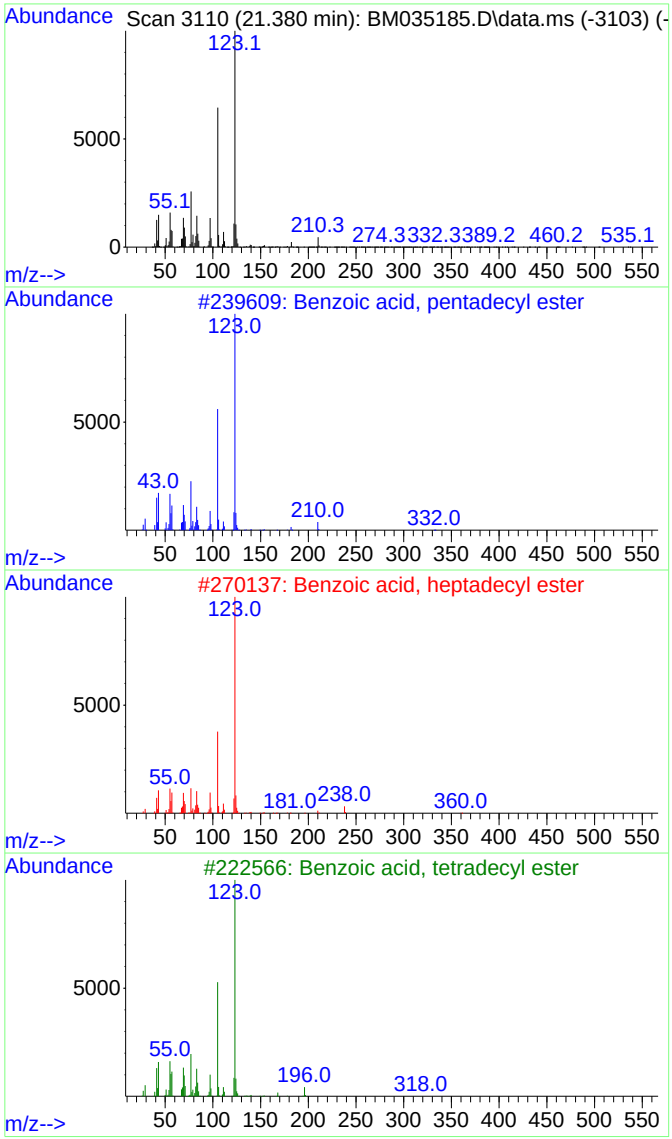
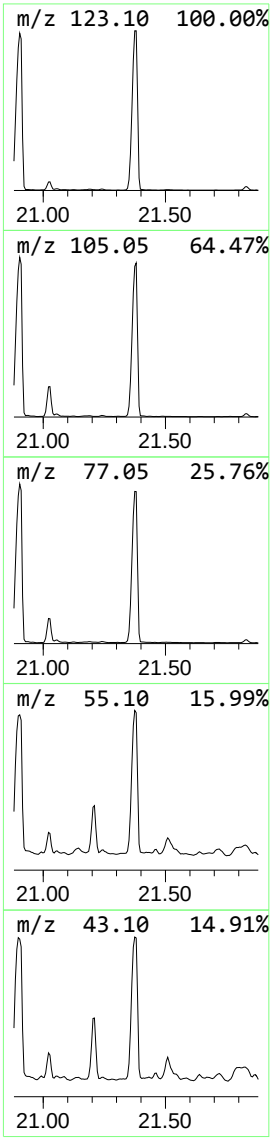
Peak Number 20 Benzoic acid, pentadecyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.380	174.70 ng	54623800	Chrysene-d12	21.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, pentadecyl ester	332	C22H36O2	1000340-22-8	96
2	Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	91
3	Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	91
4	Benzoic acid, octadecyl ester	374	C25H42O2	010578-34-4	91
5	Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035185.D
Acq On : 20 May 2022 20:24
Operator : CG/JU
Sample : N2880-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WW

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Maleic anhydride	5.246	281.8	ng	39708500	1	7.904	2817790	20.0
Ethanol, 2-butoxy-	6.010	80.8	ng	11390900	1	7.904	2817790	20.0
1-Hexanol, 2-et...	7.993	128.4	ng	18092700	1	7.904	2817790	20.0
unknown14.286	14.286	190.6	ng	14549800	3	14.539	1527170	20.0
1-Octanol, 5,7,...	16.527	779.0	ng	140917000	4	17.380	3617900	20.0
Oxalic acid, is...	17.092	241.9	ng	43751500	4	17.380	3617900	20.0
Ethanol, 2-(tet...	17.127	283.4	ng	51271000	4	17.380	3617900	20.0
2-Methyl-1-unde...	17.151	222.3	ng	40215200	4	17.380	3617900	20.0
n-Butyric acid ...	17.186	116.4	ng	21054600	4	17.380	3617900	20.0
Carbonic acid, ...	17.668	137.4	ng	24854700	4	17.380	3617900	20.0
Butyl tetradecy...	17.698	114.5	ng	20714900	4	17.380	3617900	20.0
n-Hexadecanoic ...	18.280	389.2	ng	70402600	4	17.380	3617900	20.0
unknown19.168	19.168	281.7	ng	50950100	4	17.380	3617900	20.0
Oleic Acid	19.415	346.4	ng	62659900	4	17.380	3617900	20.0
Octadecanoic acid	19.527	107.8	ng	33719200	5	21.486	6253570	20.0
Benzoic acid, h...	19.839	251.0	ng	78476800	5	21.486	6253570	20.0
unknown20.374	20.374	488.1	ng	152606000	5	21.486	6253570	20.0
Decan-2-yl isob...	20.804	97.5	ng	30496000	5	21.486	6253570	20.0
Benzoic acid, t...	20.904	205.4	ng	64213300	5	21.486	6253570	20.0
Benzoic acid, p...	21.380	174.7	ng	54623800	5	21.486	6253570	20.0