LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
Data File : BM042486.D
Acq On : 27 Oct 2023 23:27
Operator : MA/JU
Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

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-BM102123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042486.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.446	378	384	393	rVV	1114146	1795874	1.53%	0.186%
2	7.163	650	676	688	rVB3	936938	3621595	3.09%	0.376%
3	8.045	818	826	849	rVB	10174471	21692981	18.49%	2.251%
4	8.710	908	939	955	rBV	2333822	6752918	5.76%	0.701%
5	9.187	1014	1020	1023	rBV	1743118	3027010	2.58%	0.314%
6	9.222	1023	1026	1033	rVV	3924763	5534810	4.72%	0.574%
7	9.504	1033	1074	1077	rVV	2395874	16844041	14.36%	1.748%
8	10.481	1173	1240	1241	rBV	4537288	48410165	41.26%	5.023%
9	12.180	1524	1529	1535	rVB	5141794	7187351	6.13%	0.746%
10	12.539	1581	1590	1604	rVB	642901	1814612	1.55%	0.188%
11	13.127	1647	1690	1693	rBV	7492654	57891071	49.34%	6.006%
12	13.251	1704	1711	1716	rBV	4072943	5702696	4.86%	0.592%
13	14.469	1909	1918	1924	rBV	3790738	5006557	4.27%	0.519%
14	14.627	1938	1945	1951	rBV	1033212	1531512	1.31%	0.159%
15	14.704	1953	1958	1967	rVB	1223976	1527140	1.30%	0.158%
16	15.251	2010	2051	2053	rBV3	13017496	117331354	100.00%	12.174%
17	15.486	2086	2091	2106	rVB	2189182	3096189	2.64%	0.321%
18	16.127	2194	2200	2209	rVB	2195435	3285626	2.80%	0.341%
19	16.280	2220	2226	2230	rBV	3424302	4112703	3.51%	0.427%
20	16.486	2254	2261	2265	rBV	12679168	22197002	18.92%	2.303%
21	16.539	2265	2270	2275	rVV	14981490	33654445	28.68%	3.492%
22	16.592	2275	2279	2289	rVB	13807019	23486069	20.02%	2.437%
23	16.880	2303	2328	2332	rBV2	13093406	77608087	66.14%	8.052%
24	17.104	2360	2366	2381	rVB	4628701	6877431	5.86%	0.714%
25	17.386	2408	2414	2421	rBV	1006955	1512274	1.29%	0.157%
26	17.809	2481	2486	2493	rBV	1497161	2191705	1.87%	0.227%
27	17.998	2515	2518	2526	rVB	1651278	1964743	1.67%	0.204%
28	18.151	2536	2544	2546	rBV	902394	1764753	1.50%	0.183%
29	18.339	2555	2576	2579	rBV4	13362087	70385058	59.99%	7.303%
30	18.468	2592	2598	2602	rVB	8481503	10939873	9.32%	1.135%
31	18.533	2603	2609	2617	rVB	6612597	12560491	10.71%	1.303%
32	18.645	2623	2628	2633	rVB	4454104	5141889	4.38%	0.533%
33	19.092	2699	2704	2708	rVB2	2049662	2689528	2.29%	0.279%
34	19.145	2708	2713	2715	rBV	5130885	6425836	5.48%	0.667%
35	19.180	2715	2719	2731	rVV	11960186	19656048	16.75%	2.039%
36	19.309	2735	2741	2746	rVB	11653209	16099069	13.72%	1.670%

LSC Area Percent Report

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Operator : MA/JU
Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

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-BM102123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.492	2752	2772	2776	rBV4	12611781	57286222	48.82%	5.944%
38	19.539	2776	2780	2781	rBV	5568669	6076395	5.18%	0.630%
39	19.568	2781	2785	2787	rBV2	4440277	6344410	5.41%	0.658%
40	19.698	2801	2807	2809	rBV3	12174749	22104098	18.84%	2.293%
41	19.762	2817	2818	2825	rVB2	9297420	7552689	6.44%	0.784%
42	19.845	2826	2832	2836	rVV2	11924047	22033583	18.78%	2.286%
43	19.880	2836	2838	2843	rVB	3206613	3189434	2.72%	0.331%
44	20.003	2854	2859	2868	rBV	4396806	6977714	5.95%	0.724%
45	20.092	2871	2874	2878	rVB	1240796	1282253	1.09%	0.133%
46	20.239	2890	2899	2901	rVV2	10020172	15997265	13.63%	1.660%
47	20.262	2901	2903	2911	rVB	8262303	8630834	7.36%	0.895%
48	20.415	2923	2929	2933	rVB2	4592543	6425353	5.48%	0.667%
49	20.492	2938	2942	2944	rVV	2493214	2866236	2.44%	0.297%
50	20.515	2944	2946	2950	rVB	1914977	2177220	1.86%	0.226%
51	20.615	2956	2963	2969	rBV2	4115637	8292133	7.07%	0.860%
52	20.721	2977	2981	2987	rBV2	4870612	9388460	8.00%	0.974%
53	20.768	2987	2989	2992	rVV2	1635044	2099715	1.79%	0.218%
54	20.839	2996	3001	3006	rBV2	1915807	2935755	2.50%	0.305%
55	20.921	3012	3015	3020	rVB	3650210	4112412	3.50%	0.427%
56	20.998	3025	3028	3033	rVB	1342080	1548687	1.32%	0.161%
57	21.227	3060	3067	3069	rBV3	12410996	23028425	19.63%	2.389%
58	21.403	3092	3097	3100	rBV2	3974380	5439920	4.64%	0.564%
59	21.574	3121	3126	3131	rVV2	721564	1811038	1.54%	0.188%
60	21.645	3135	3138	3141	rVV	1125553	1504726	1.28%	0.156%
61	21.680	3141	3144	3148	rVB	1004401	1209092	1.03%	0.125%
62	21.892	3176	3180	3191	rVB2	1350276	1998503	1.70%	0.207%
63	22.021	3198	3202	3206	rBV	3471656	4479246	3.82%	0.465%
64	22.139	3214	3222	3230	rVV3	11126329	22606483	19.27%	2.346%
65	22.209	3230	3234	3239	rVV	927500	1535383	1.31%	0.159%
66	22.286	3243	3247	3253	rVB	1138686	2300647	1.96%	0.239%
67	22.344	3253	3257	3262	rBV2	998608	1402695	1.20%	0.146%
68	22.468	3274	3278	3286	rVB3	999770	2115214	1.80%	0.219%
69	22.597	3295	3300	3304	rVB3	846199	1536098	1.31%	0.159%
70	22.886	3346	3349	3359	rVB	872793	1473298	1.26%	0.153%
71	23.197	3397	3402	3406	rBV	5206883	9768786	8.33%	1.014%
72	23.250	3406	3411	3422	rVB	8444424	16979600	14.47%	1.762%
73	24.562	3629	3634	3641	rVB	1754203	3502700	2.99%	0.363%
74	25.250	3742	3751	3761	rVB	6083157	16237731	13.84%	1.685%
75	27.209	4073	4084	4090	rBV2	4135612	16240993	13.84%	1.685%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
Data File : BM042486.D
Acq On : 27 Oct 2023 23:27
Operator : MA/JU
Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

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-BM102123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

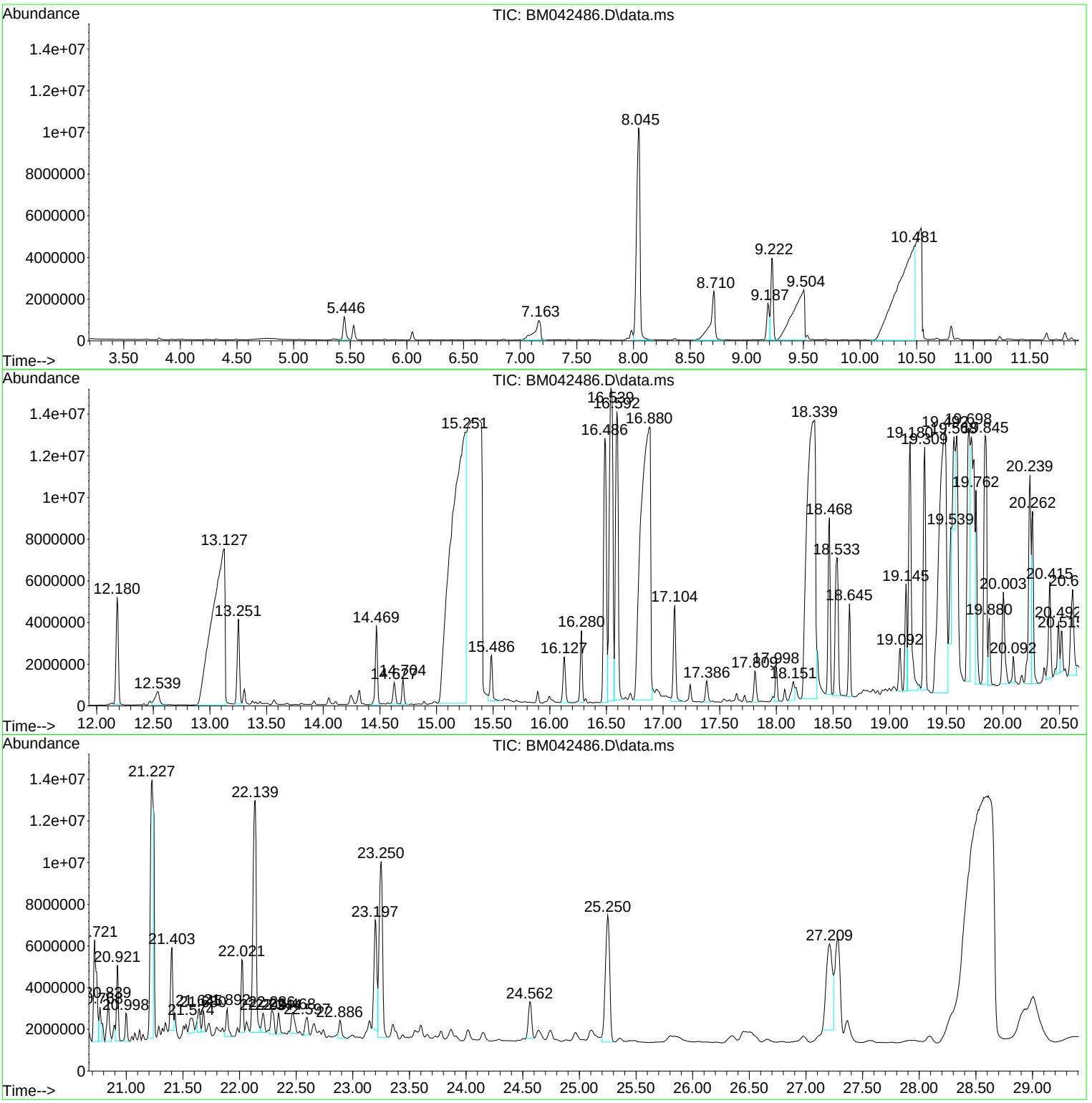
Sum of corrected areas: 963811952

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
Data File : BM042486.D
Acq On : 27 Oct 2023 23:27
Operator : MA/JU
Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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\BM102723\
Data File : BM042486.D
Acq On : 27 Oct 2023 23:27
Operator : MA/JU
Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

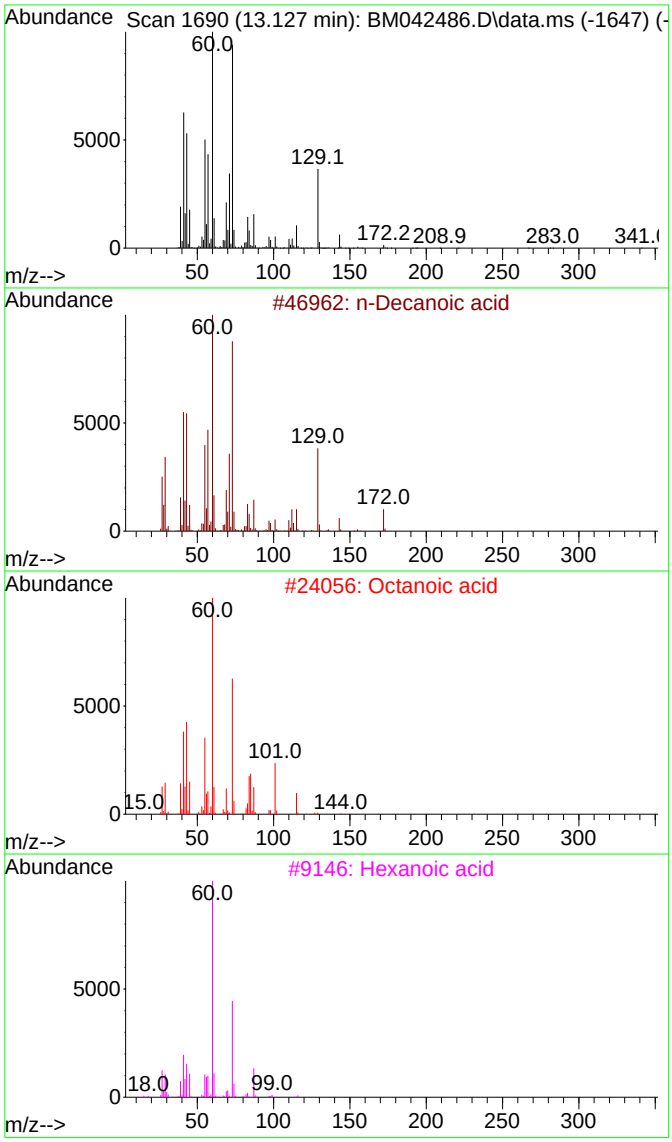
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

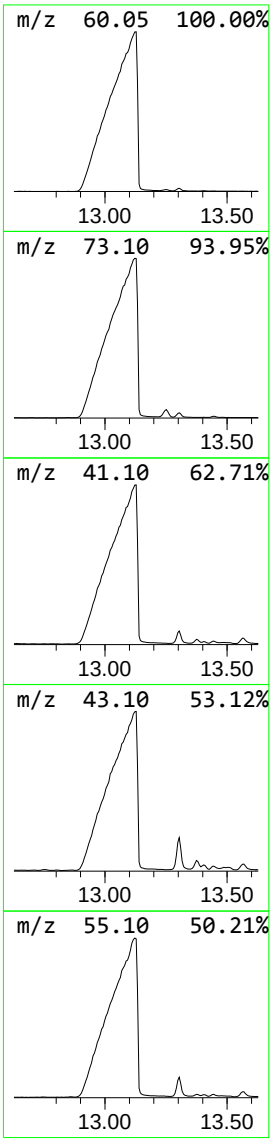
****

Peak Number 1 n-Decanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.127	756.00 ng	57891100	Acenaphthene-d10	14.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	90
2	Octanoic acid	144	C8H16O2	000124-07-2	70
3	Hexanoic acid	116	C6H12O2	000142-62-1	49
4	Pentanoic acid	102	C5H10O2	000109-52-4	46
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
Data File : BM042486.D
Acq On : 27 Oct 2023 23:27
Operator : MA/JU
Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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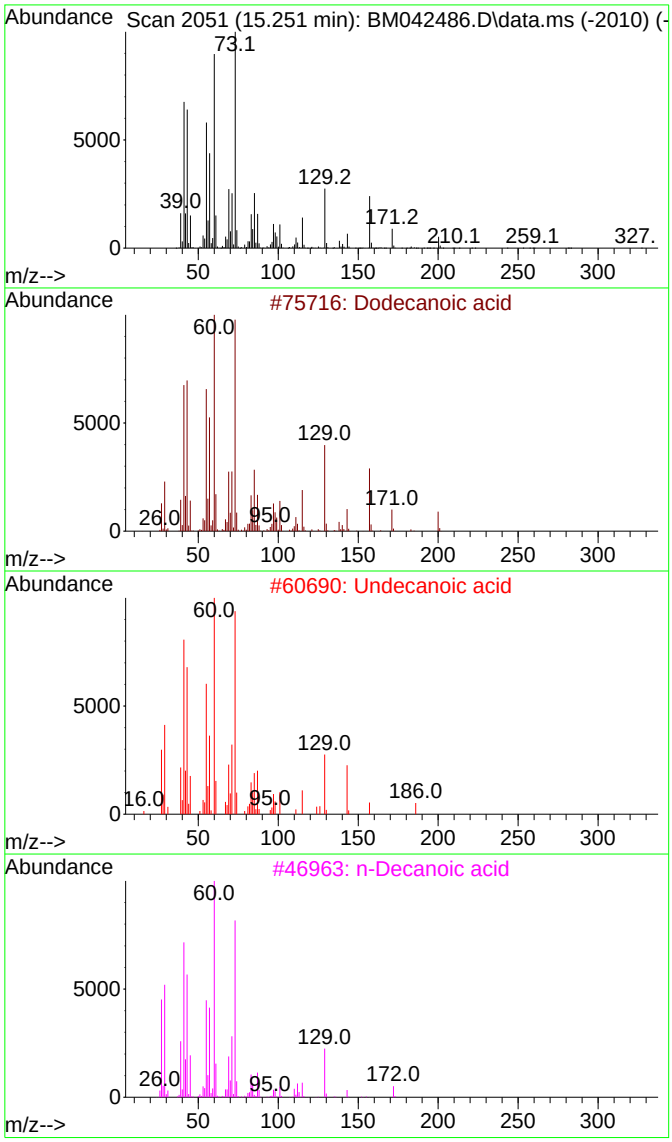
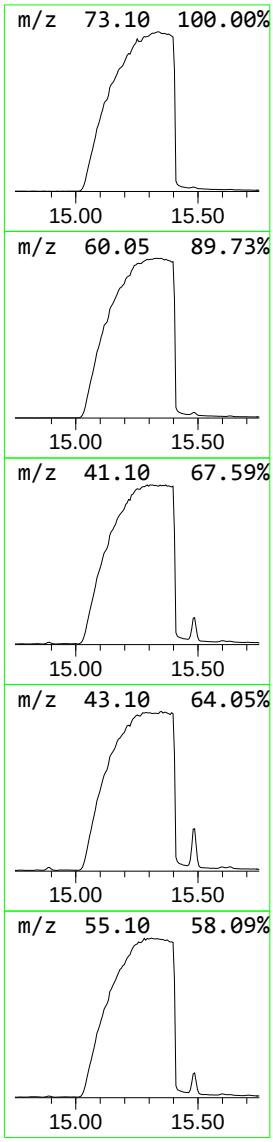
Peak Number 2 Dodecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.251	1532.23 ng	117331000	Acenaphthene-d10	14.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Undecanoic acid	186	C11H22O2	000112-37-8	80
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	43
5	Hexanoic acid	116	C6H12O2	000142-62-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
Data File : BM042486.D
Acq On : 27 Oct 2023 23:27
Operator : MA/JU
Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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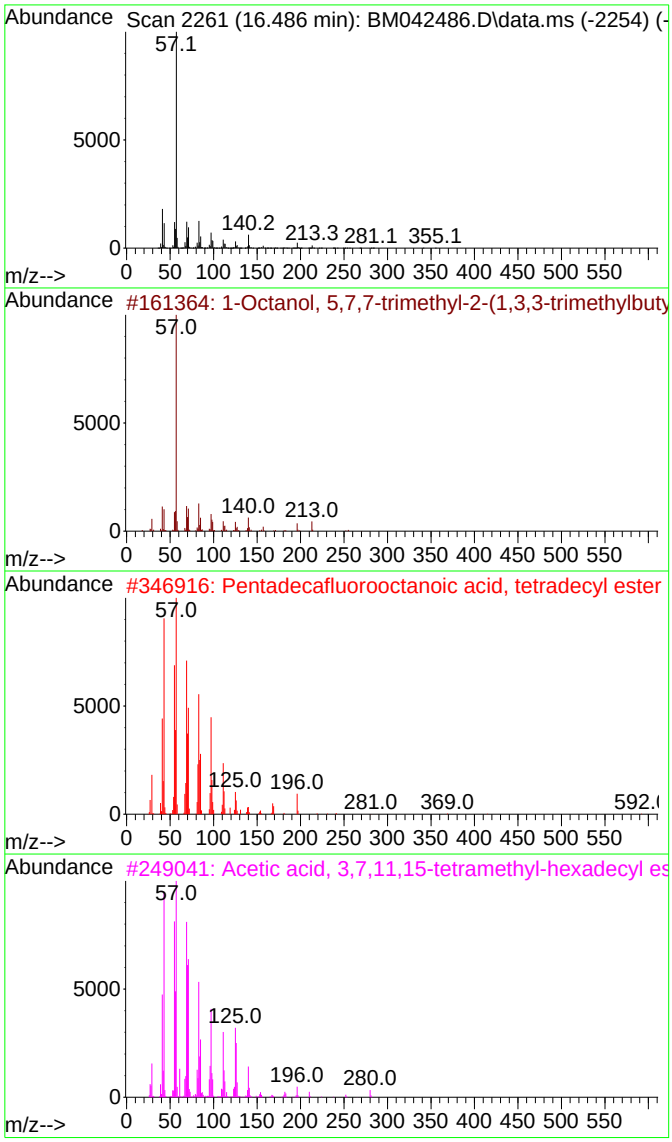
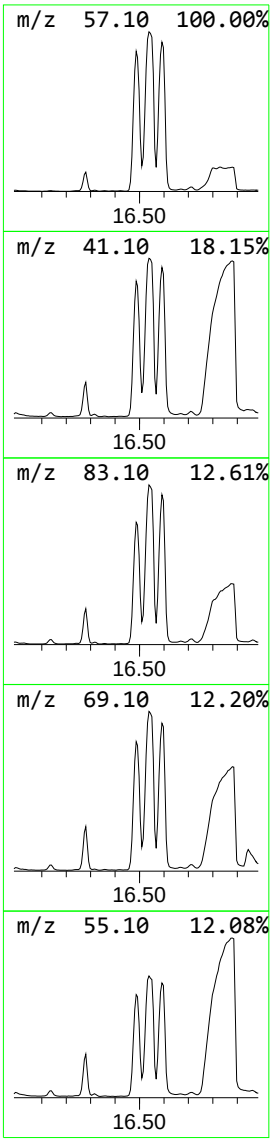
Peak Number 3 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.486	293.56 ng	22197000	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	91
2	Pentadecafluorooctanoic acid, te...	610	C22H29F15O2	1000406-04-4	64
3	Acetic acid, 3,7,11,15-tetrameth...	340	C22H44O2	1000193-63-0	59
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	59
5	Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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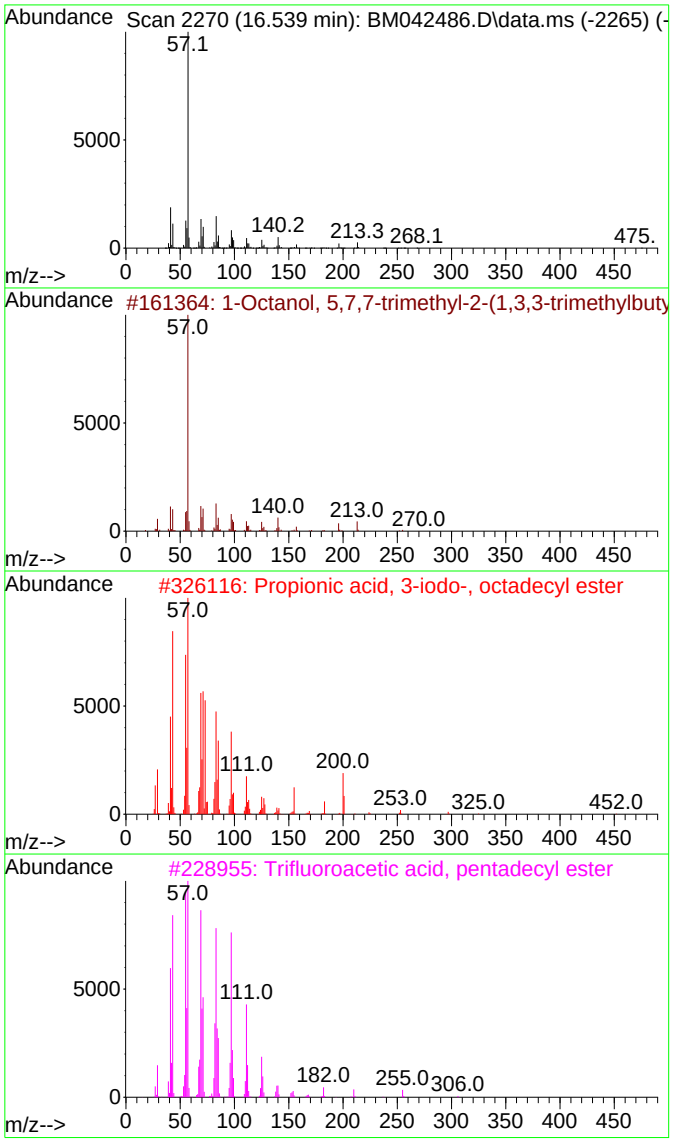
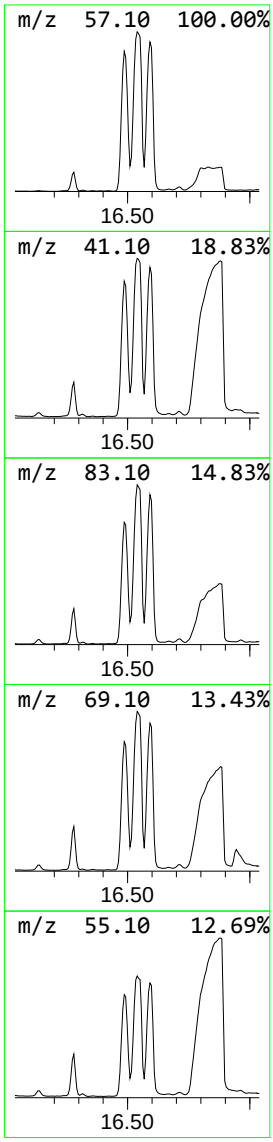
Peak Number 4 Propionic acid, 3-iodo-, oc... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.539	445.08 ng	33654400	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	83
2	Propionic acid, 3-iodo-, octadec...	452	C21H41IO2	1000406-24-9	50
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	50
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	47
5	Carbonic acid, isobutyl pentadec...	328	C20H40O3	1000314-61-2	47





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Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

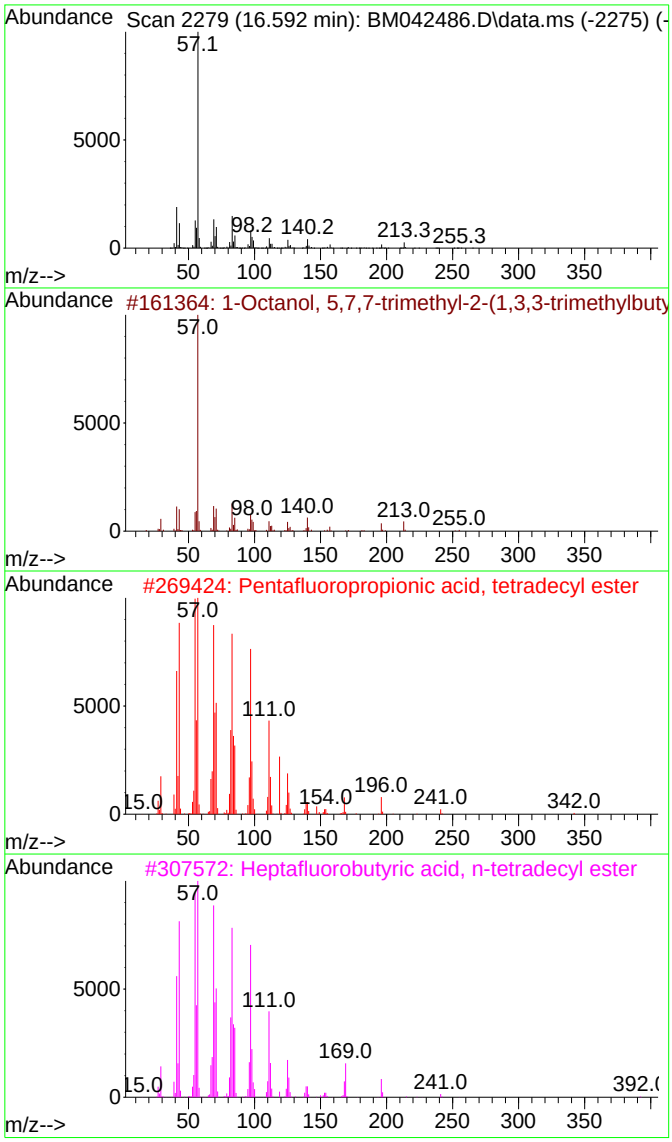
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

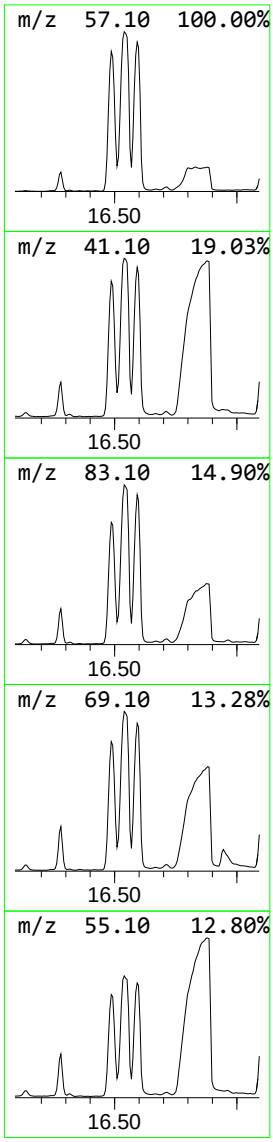
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.592	310.61 ng	23486100	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	59
2	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	53
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	53
4	Propionic acid, 3-iodo-, octadec...	452	C21H41IO2	1000406-24-9	50
5	Carbonic acid, but-2-yn-1-yl eic...	394	C25H46O3	1000383-21-4	50





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Data File : BM042486.D
Acq On : 27 Oct 2023 23:27
Operator : MA/JU
Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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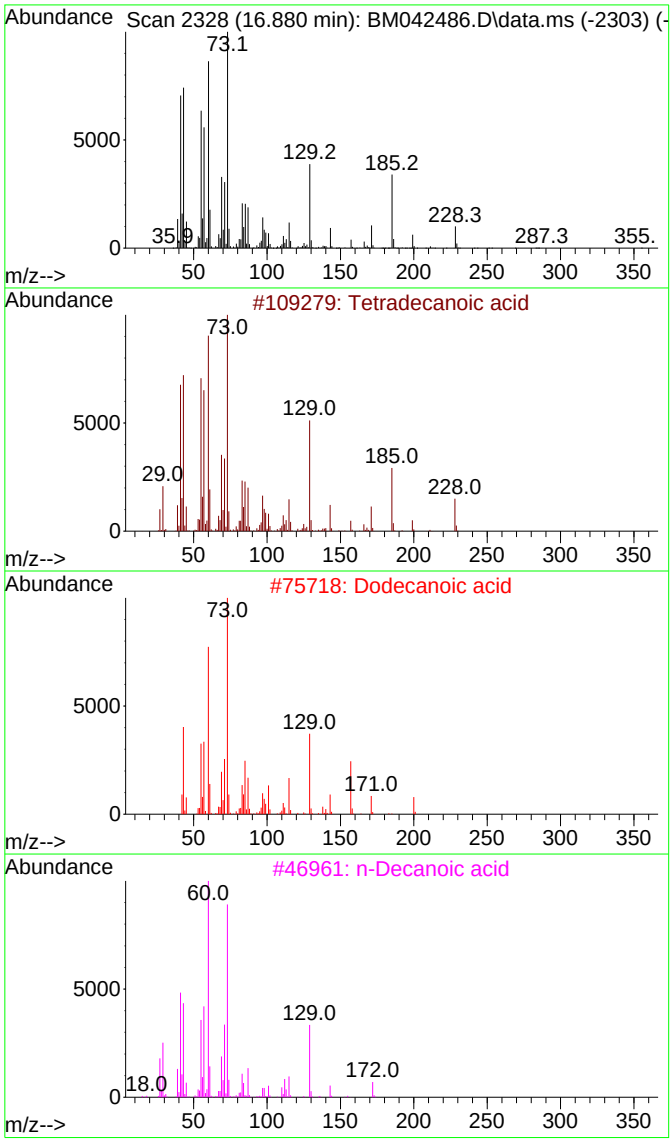
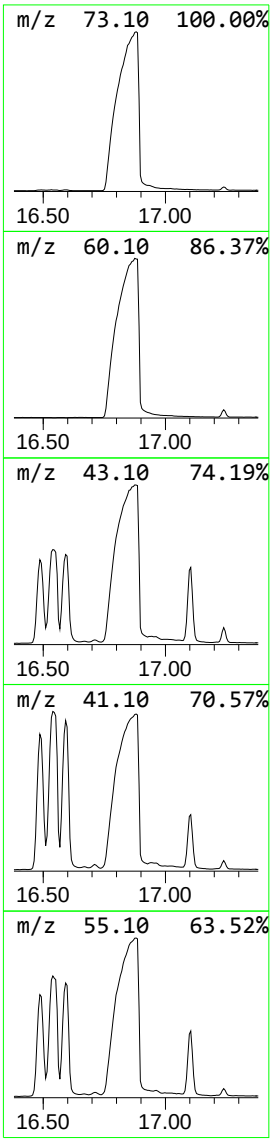
Peak Number 6 Tetradecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.880	1026.38 ng	77608100	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	99
2	Dodecanoic acid	200	C12H24O2	000143-07-7	86
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	Undecanoic acid	186	C11H22O2	000112-37-8	52





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Acq On : 27 Oct 2023 23:27
Operator : MA/JU
Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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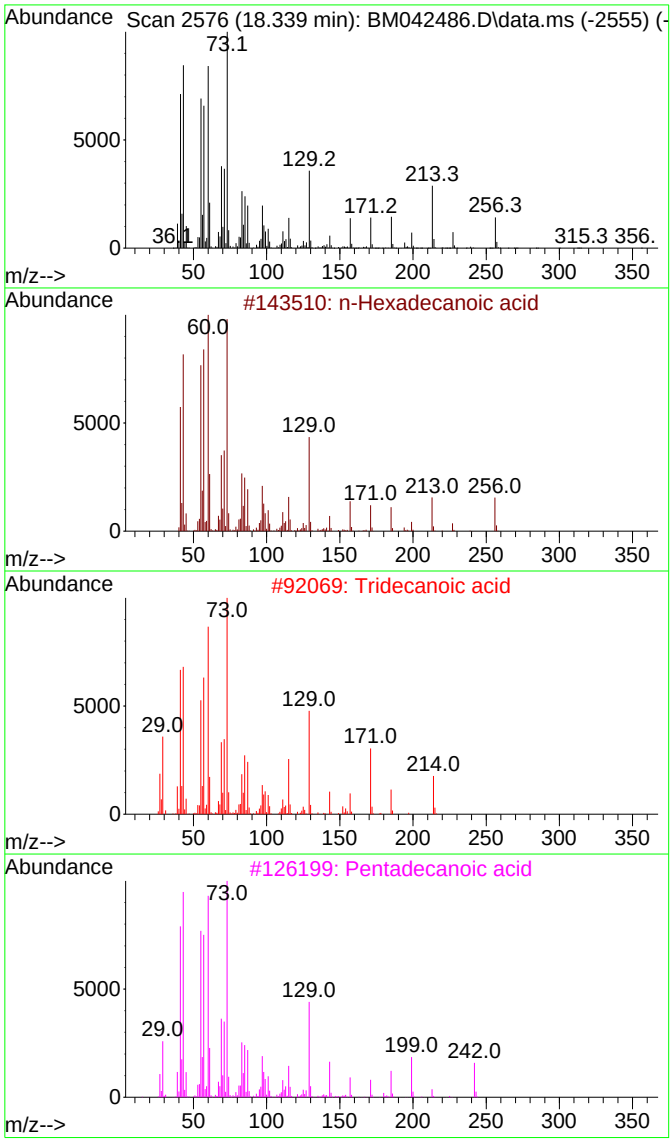
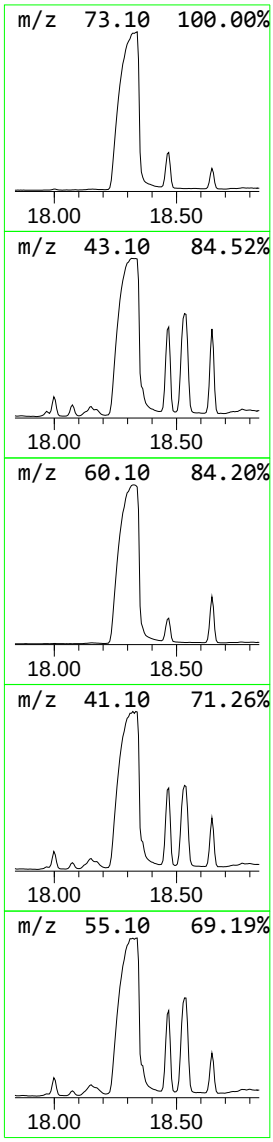
Peak Number 7 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	930.85 ng	70385100	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





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Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

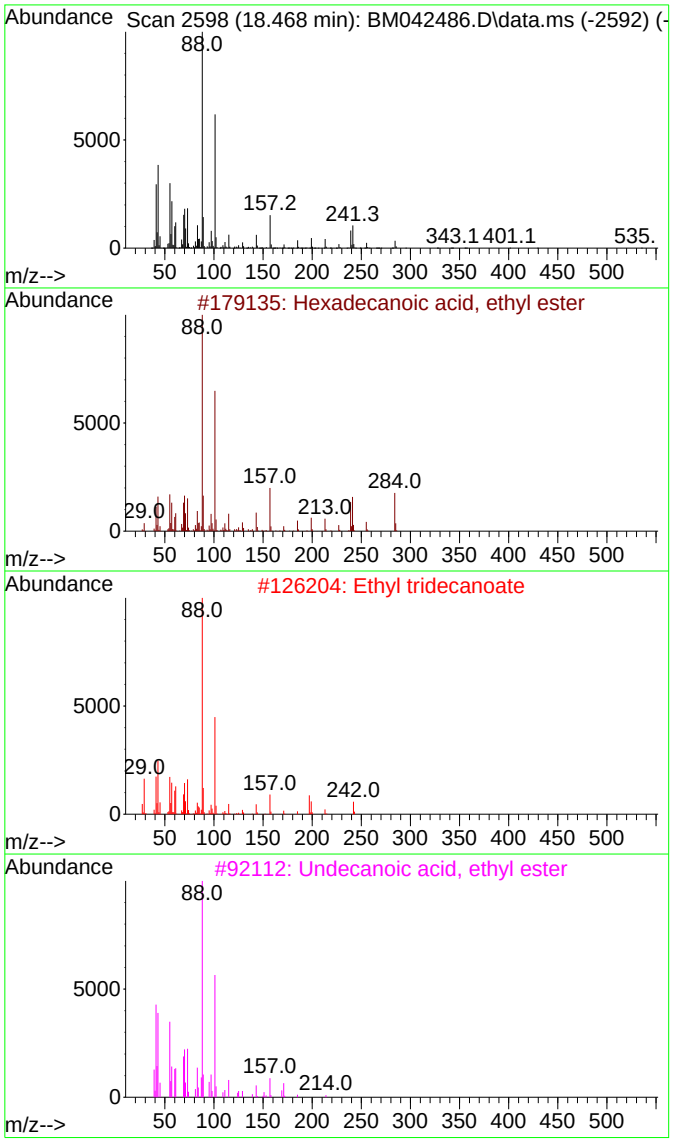
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

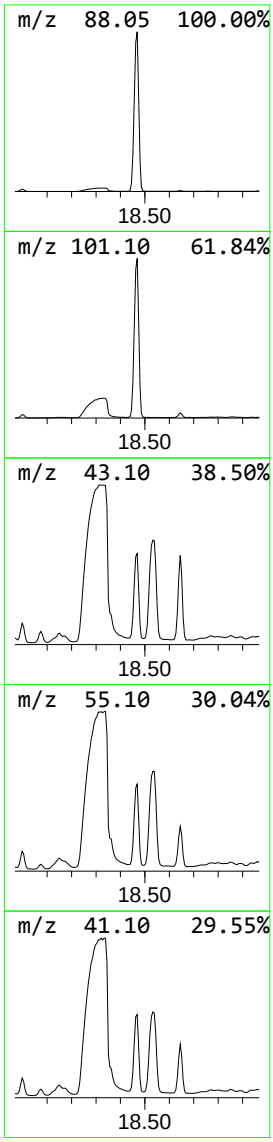
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Hexadecanoic acid, ethyl ester Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.468	144.68 ng	10939900	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, ethyl ester	284	C18H36O2	000628-97-7	97
2	Ethyl tridecanoate	242	C15H30O2	028267-29-0	95
3	Undecanoic acid, ethyl ester	214	C13H26O2	000627-90-7	93
4	Tetradecanoic acid, ethyl ester	256	C16H32O2	000124-06-1	90
5	Pentadecanoic acid, ethyl ester	270	C17H34O2	041114-00-5	90





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Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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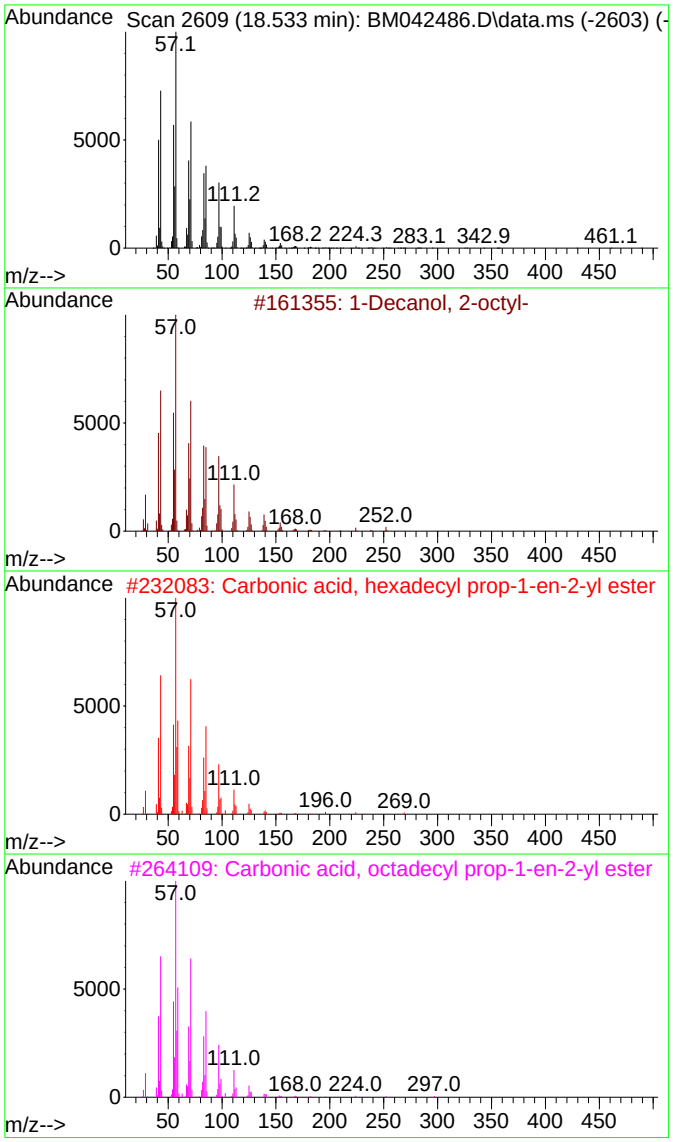
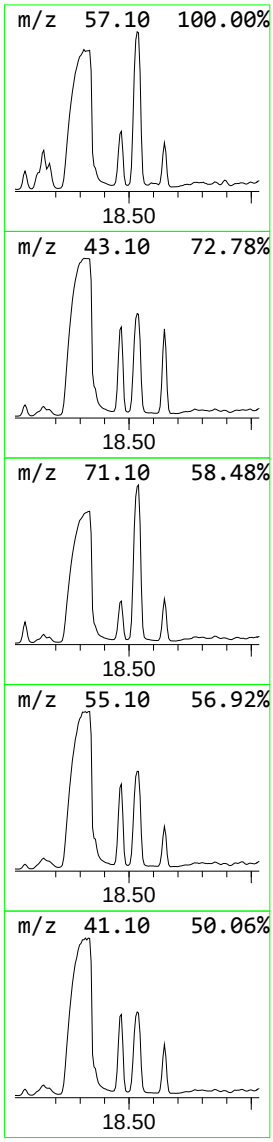
Peak Number 9 1-Decanol, 2-octyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.533	166.11 ng	12560500	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	91
2	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91





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Acq On : 27 Oct 2023 23:27
Operator : MA/JU
Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

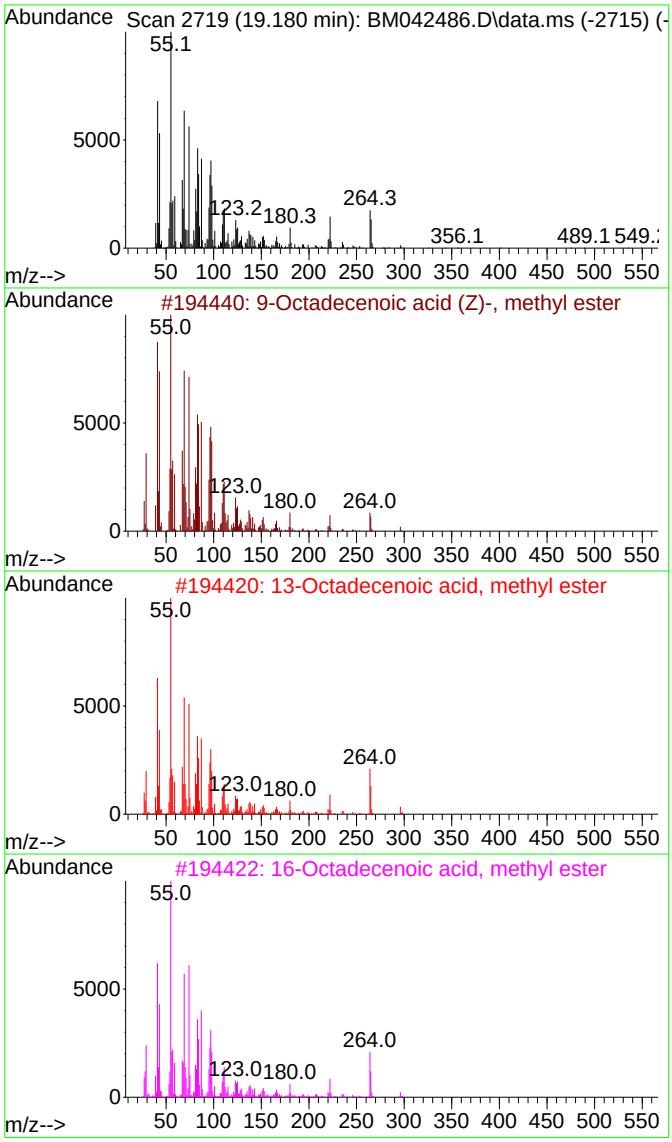
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

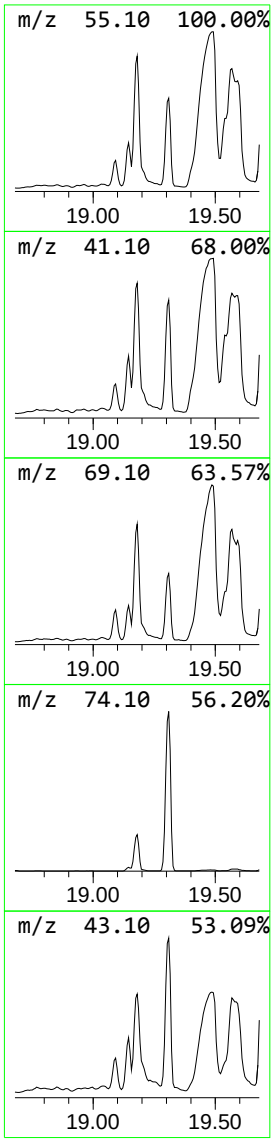
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9-Octadecenoic acid (Z)-, m... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	259.95 ng	19656000	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	95





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Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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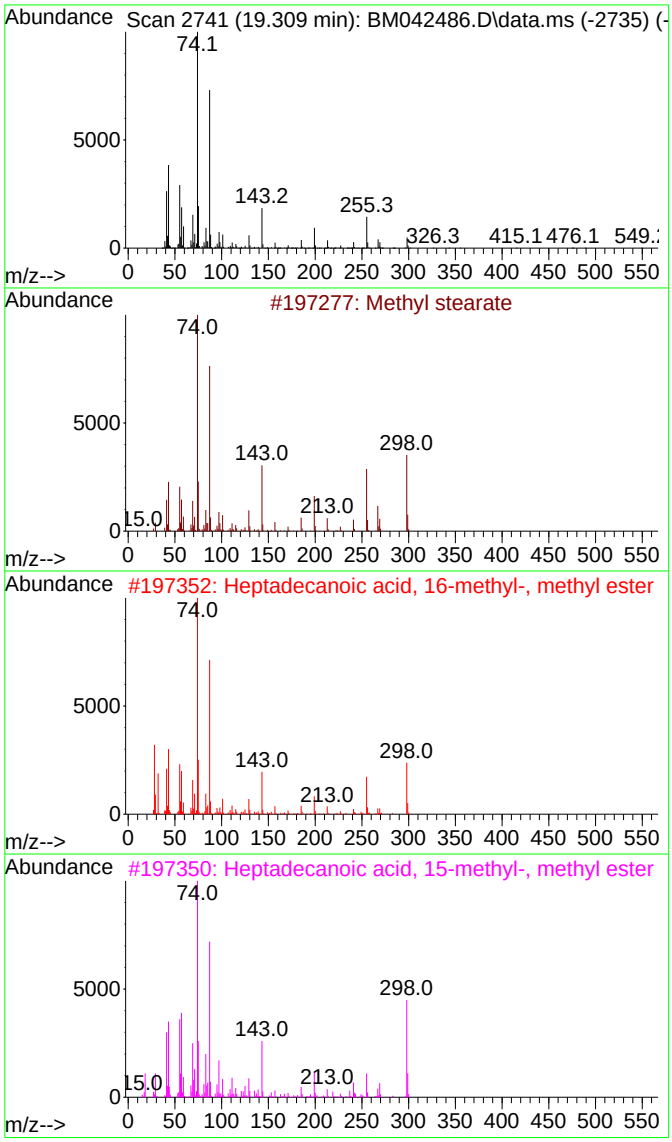
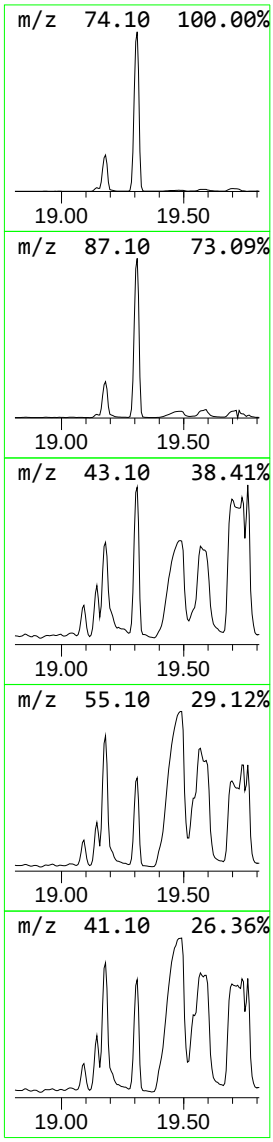
Peak Number 11 Methyl stearate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.309	212.91 ng	16099100	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	95
3	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	87
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	81
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	80





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Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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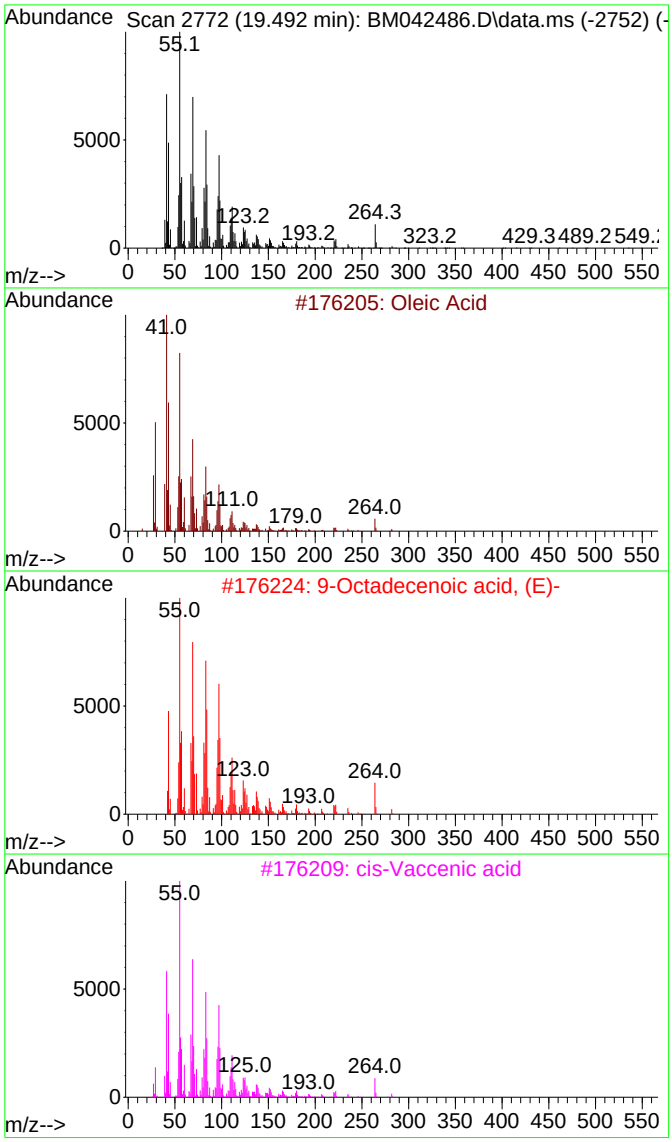
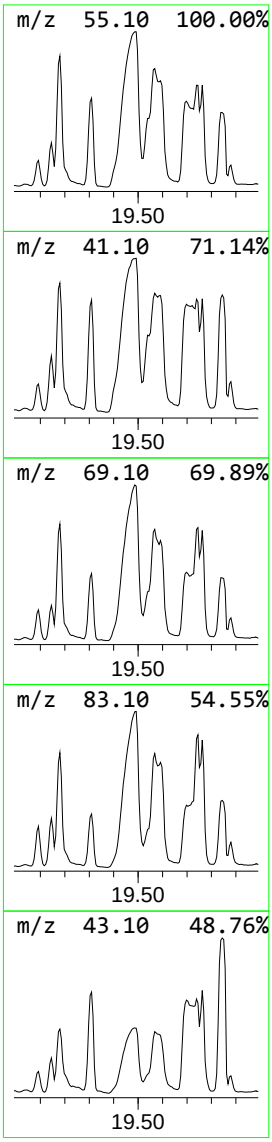
Peak Number 12 Oleic Acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.492	632.63 ng	57286200	Chrysene-d12	21.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	95
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	94
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	93
4	Palmitoleic acid	254	C16H30O2	000373-49-9	93
5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	91





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Acq On : 27 Oct 2023 23:27
Operator : MA/JU
Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

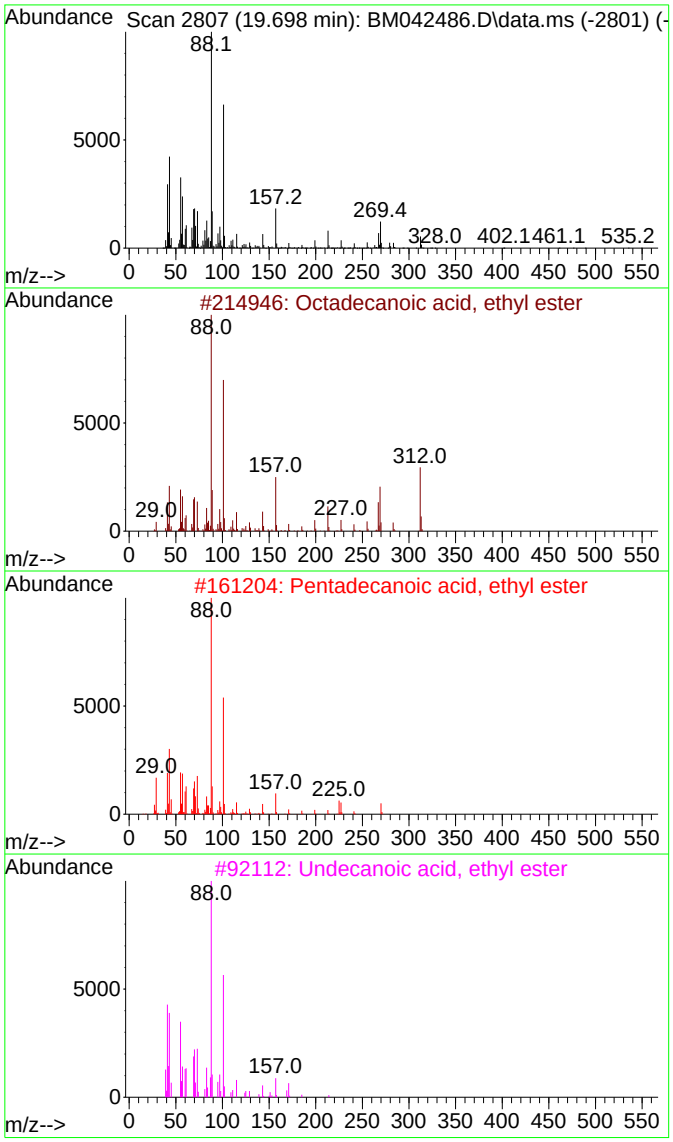
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

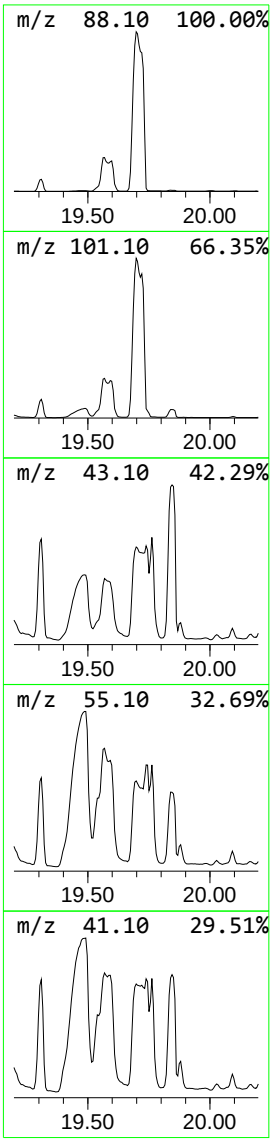
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Octadecanoic acid, ethyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.698	244.10 ng	22104100	Chrysene-d12	21.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	98
2	Pentadecanoic acid, ethyl ester	270	C17H34O2	041114-00-5	93
3	Undecanoic acid, ethyl ester	214	C13H26O2	000627-90-7	90
4	Heptadecanoic acid, ethyl ester	298	C19H38O2	014010-23-2	87
5	Hexadecanoic acid, ethyl ester	284	C18H36O2	000628-97-7	86





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Operator : MA/JU
Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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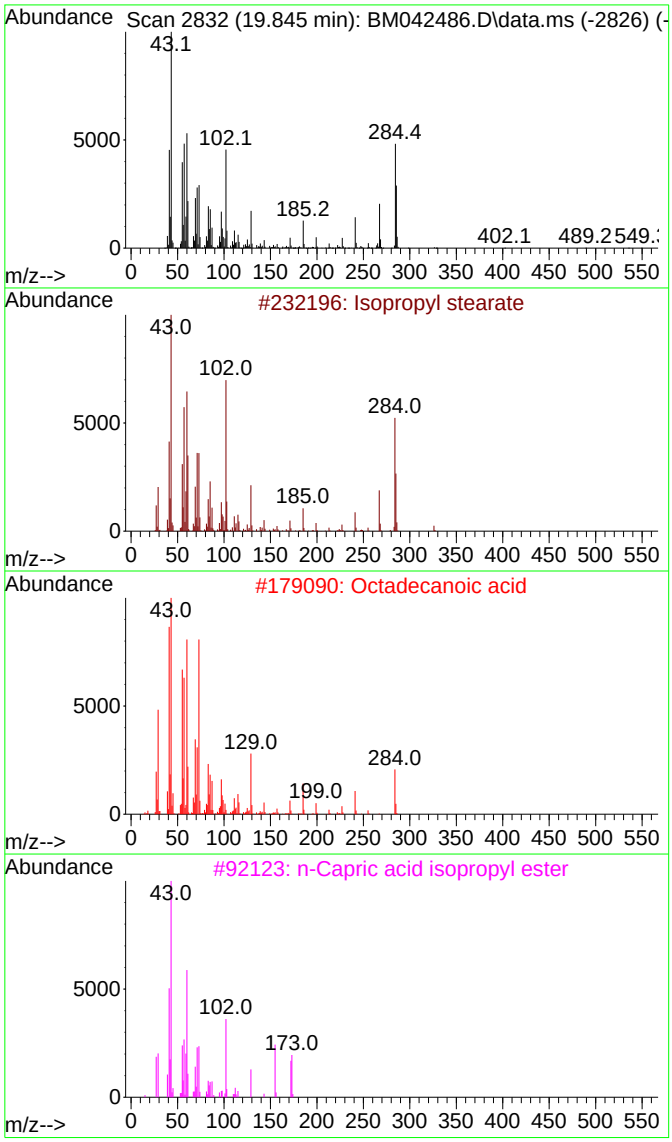
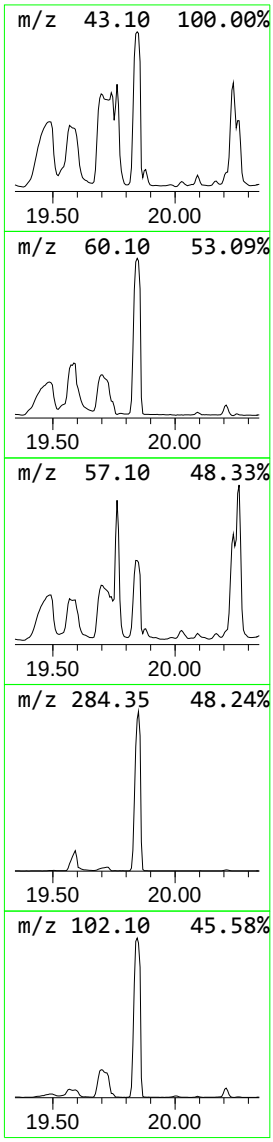
Peak Number 14 Isopropyl stearate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.845	243.32 ng	22033600	Chrysene-d12	21.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl stearate	326	C21H42O2	000112-10-7	81
2	Octadecanoic acid	284	C18H36O2	000057-11-4	41
3	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	32
4	.alpha.-D-Galactopyranoside, methyl	194	C7H14O6	003396-99-4	22
5	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	15





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Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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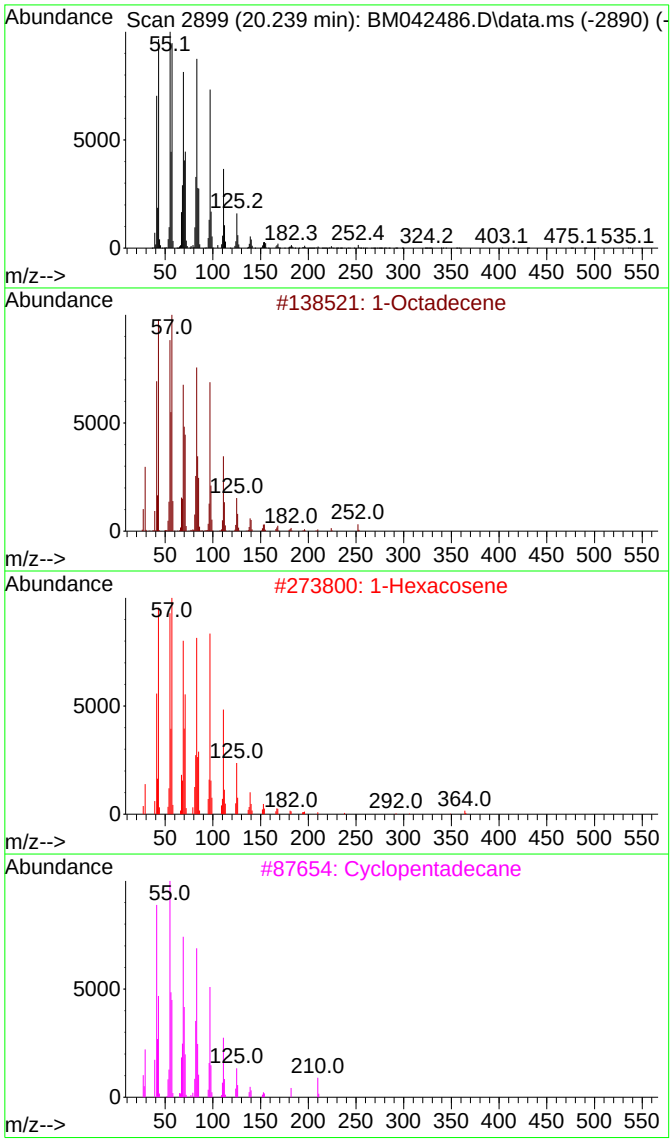
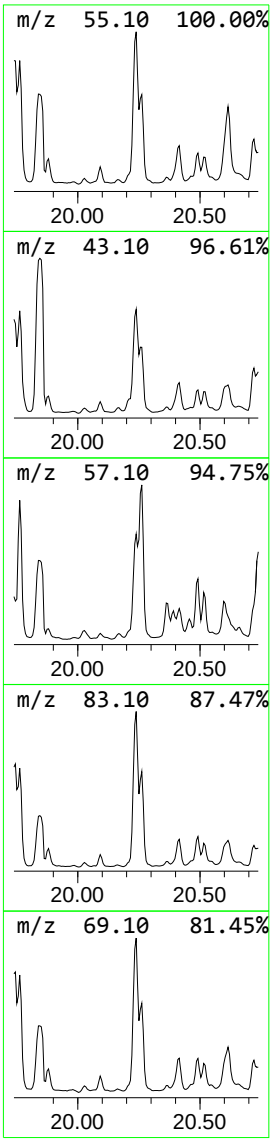
Peak Number 15 1-Octadecene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.239	176.66 ng	15997300	Chrysene-d12	21.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	97
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93





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Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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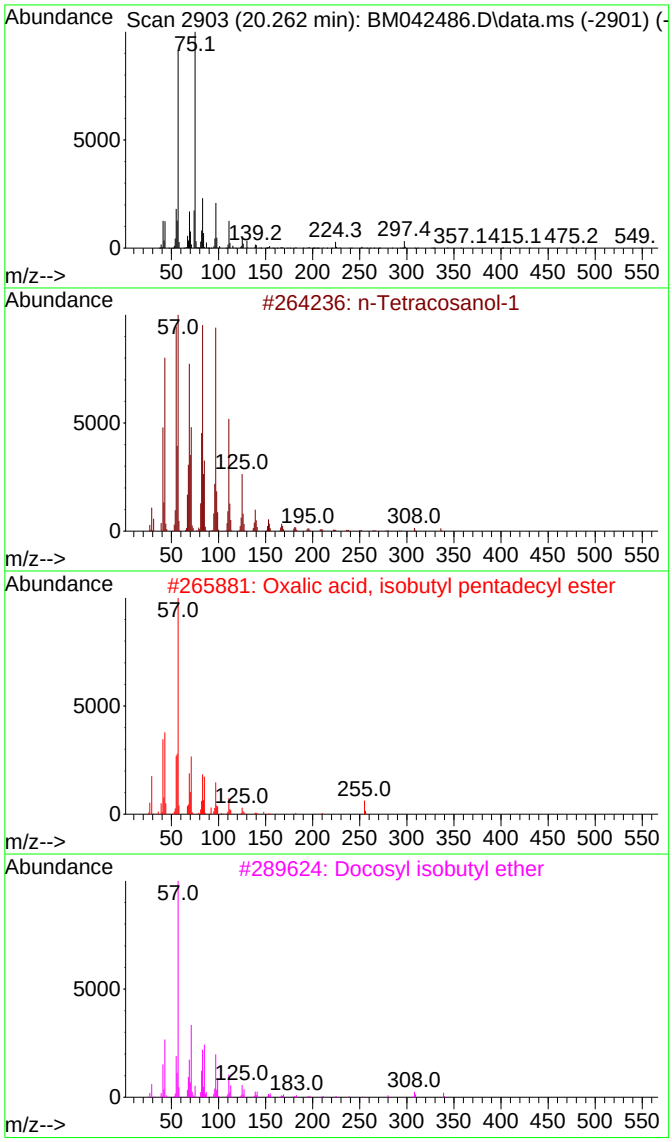
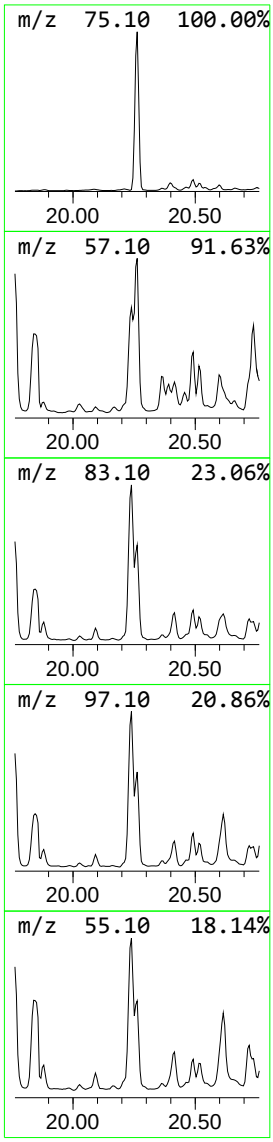
Peak Number 16 unknown20.262 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.262	95.31 ng	8630830	Chrysene-d12	21.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	38
2	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	35
3	Docosyl isobutyl ether	382	C26H54O	1000406-33-1	35
4	1-Tetracosene	336	C24H48	010192-32-2	25
5	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	22





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE-WATER

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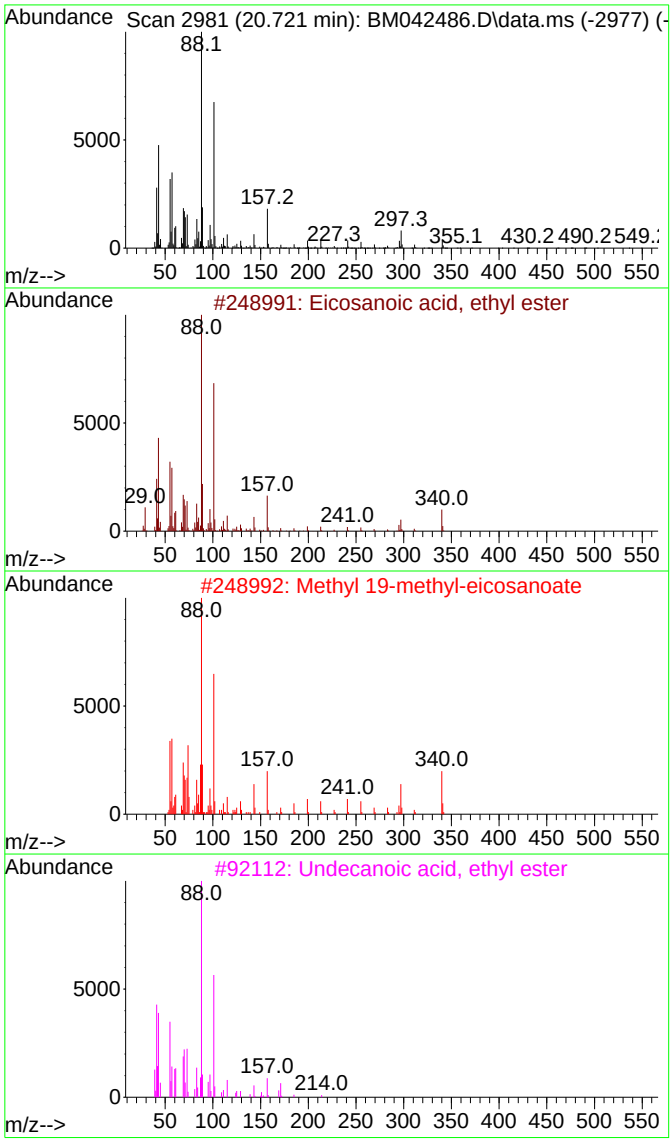
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

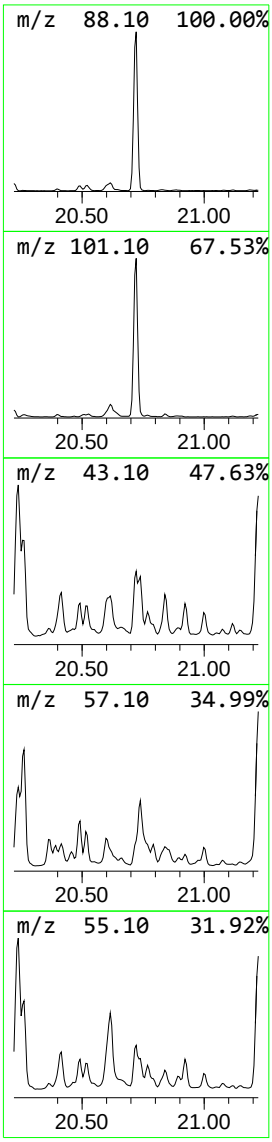
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Eicosanoic acid, ethyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.721	103.68 ng	9388460	Chrysene-d12	21.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, ethyl ester	340	C22H44O2	018281-05-5	97
2	Methyl 19-methyl-eicosanoate	340	C22H44O2	1000336-23-8	91
3	Undecanoic acid, ethyl ester	214	C13H26O2	000627-90-7	91
4	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	87
5	Heptadecanoic acid, ethyl ester	298	C19H38O2	014010-23-2	87





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Acq On : 27 Oct 2023 23:27
Operator : MA/JU
Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

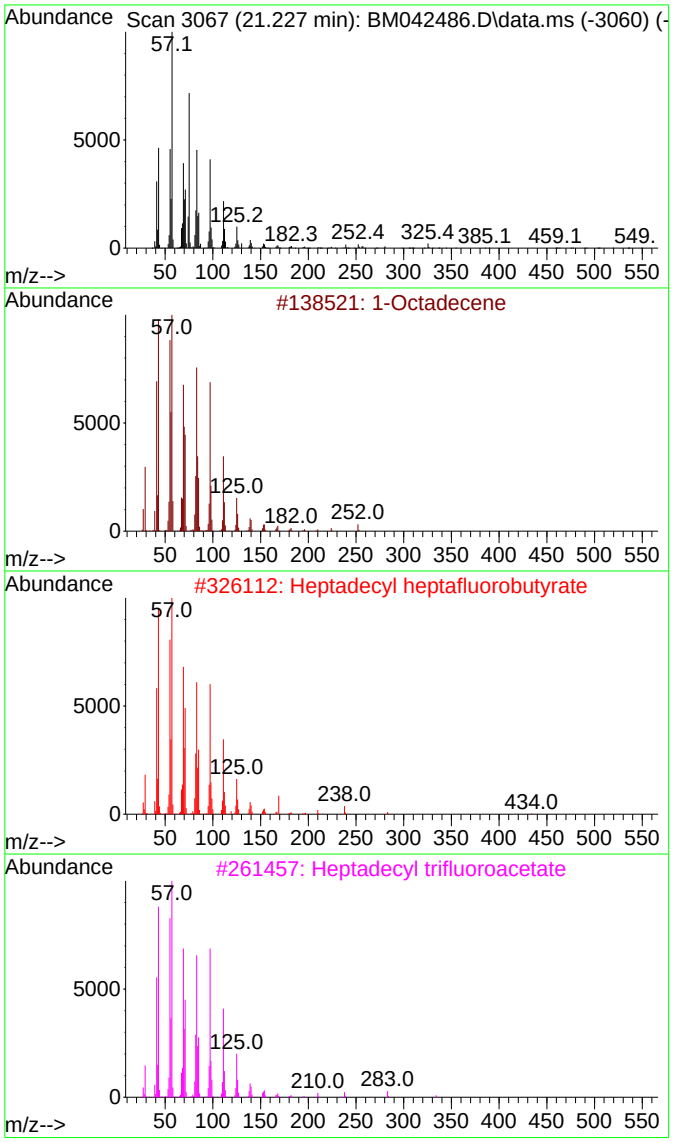
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

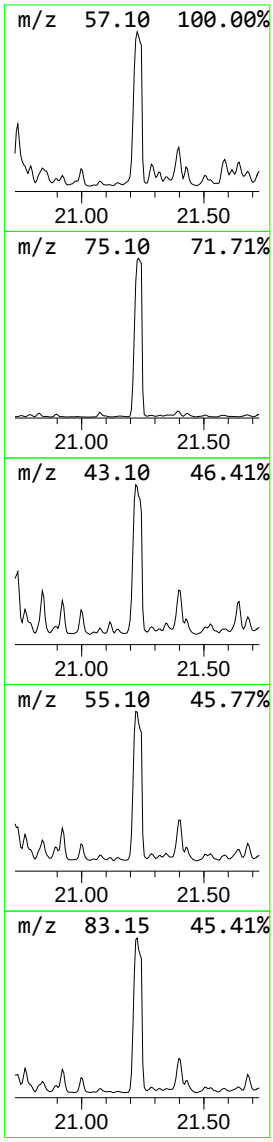
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Heptadecyl heptafluorobutyrate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	254.31 ng	23028400	Chrysene-d12	21.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	96
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	81
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	81
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
Data File : BM042486.D
Acq On : 27 Oct 2023 23:27
Operator : MA/JU
Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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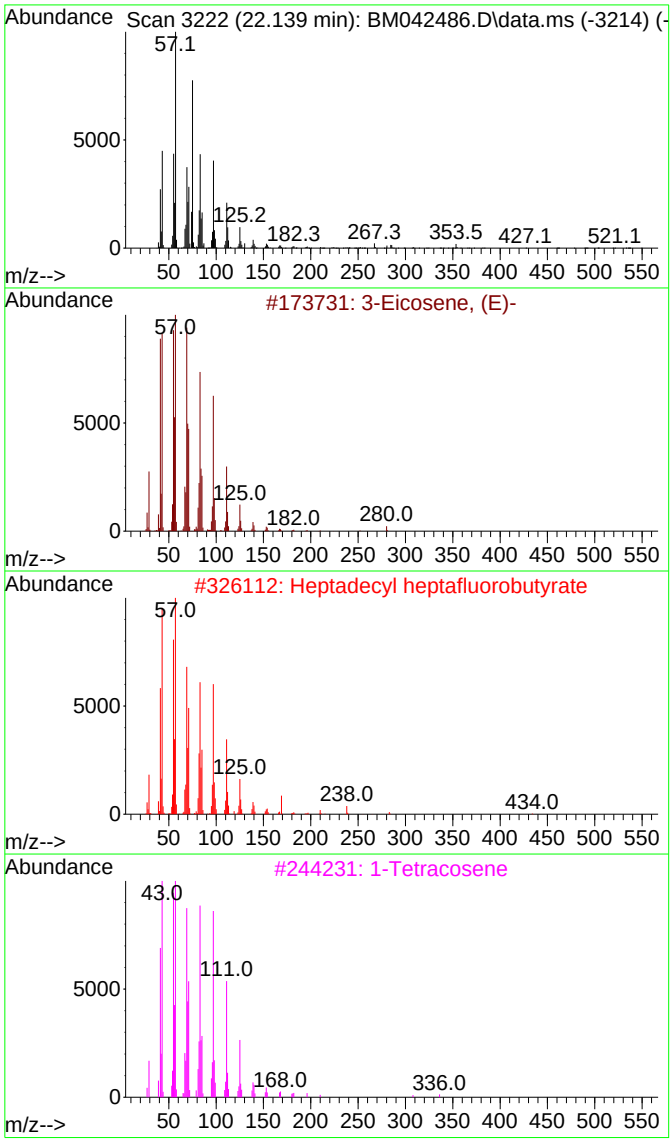
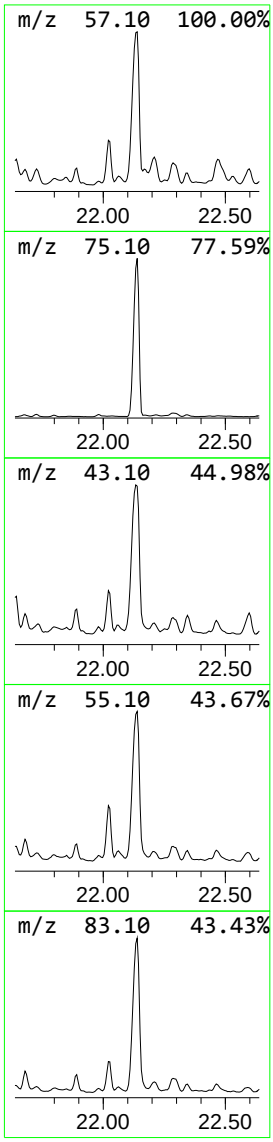
Peak Number 19 3-Eicosene, (E)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.139	249.65 ng	22606500	Chrysene-d12	21.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	89
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70
3	1-Tetracosene	336	C24H48	010192-32-2	64
4	1-Hexacosene	364	C26H52	018835-33-1	64
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
Data File : BM042486.D
Acq On : 27 Oct 2023 23:27
Operator : MA/JU
Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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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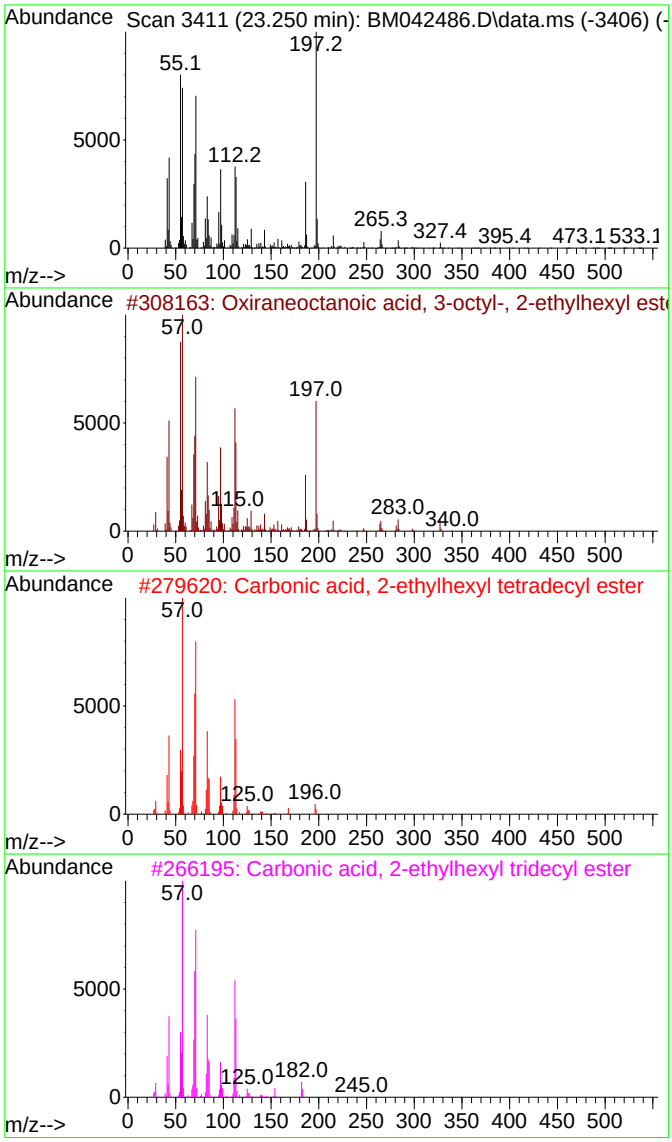
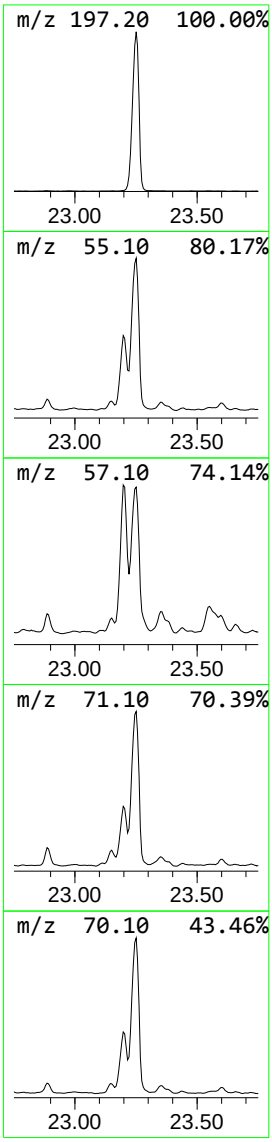
Peak Number 20 Oxiraneoctanoic acid, 3-oct... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.250	96.95 ng	16979600	Perylene-d12	24.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxiraneoctanoic acid, 3-octyl-, ...	410	C26H50O3	000141-38-8	53
2	Carbonic acid, 2-ethylhexyl tetr...	370	C23H46O3	1010383-14-1	38
3	Carbonic acid, 2-ethylhexyl trid...	356	C22H44O3	1000383-14-0	38
4	Carbonic acid, 2-ethylhexyl octy...	286	C17H34O3	1000383-13-5	30
5	Propanoic acid, 3-mercapto-, 2-e...	218	C11H22O2S	050448-95-8	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
Data File : BM042486.D
Acq On : 27 Oct 2023 23:27
Operator : MA/JU
Sample : 04958-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.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
n-Decanoic acid	13.127	756.0	ng	57891100	3	14.627	1531510	20.0
Dodecanoic acid	15.251	1532.2	ng	117331000	3	14.627	1531510	20.0
1-Octanol, 5,7,...	16.486	293.6	ng	22197000	4	17.386	1512270	20.0
Propionic acid,...	16.539	445.1	ng	33654400	4	17.386	1512270	20.0
Pentafluoroprop...	16.592	310.6	ng	23486100	4	17.386	1512270	20.0
Tetradecanoic acid	16.880	1026.4	ng	77608100	4	17.386	1512270	20.0
n-Hexadecanoic ...	18.339	930.9	ng	70385100	4	17.386	1512270	20.0
Hexadecanoic ac...	18.468	144.7	ng	10939900	4	17.386	1512270	20.0
1-Decanol, 2-oc...	18.533	166.1	ng	12560500	4	17.386	1512270	20.0
9-Octadecenoic ...	19.180	259.9	ng	19656000	4	17.386	1512270	20.0
Methyl stearate	19.309	212.9	ng	16099100	4	17.386	1512270	20.0
Oleic Acid	19.492	632.6	ng	57286200	5	21.562	1811040	20.0
Octadecanoic ac...	19.698	244.1	ng	22104100	5	21.562	1811040	20.0
Isopropyl stearate	19.845	243.3	ng	22033600	5	21.562	1811040	20.0
1-Octadecene	20.239	176.7	ng	15997300	5	21.562	1811040	20.0
unknown20.262	20.262	95.3	ng	8630830	5	21.562	1811040	20.0
Eicosanoic acid...	20.721	103.7	ng	9388460	5	21.562	1811040	20.0
Heptadecyl hept...	21.227	254.3	ng	23028400	5	21.562	1811040	20.0
3-Eicosene, (E)-	22.139	249.7	ng	22606500	5	21.562	1811040	20.0
Oxiraneoctanoic...	23.250	97.0	ng	16979600	6	24.015	3502700	20.0