LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024185.D
Acq On : 18 Mar 2025 13:57
Operator : RC/JU
Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
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_P\Methods\8270E-BP031225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024185.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.340	529	553	556	rBV	1804923	6515872	3.76%	0.469%
2	6.669	599	609	628	rVB	2063093	3906840	2.25%	0.281%
3	6.922	638	652	655	rBV3	573970	1924569	1.11%	0.138%
4	7.175	685	695	698	rBV	819079	2085443	1.20%	0.150%
5	7.216	698	702	726	rVB	1007975	3529484	2.04%	0.254%
6	7.481	740	747	758	rVB	1062179	2243195	1.29%	0.161%
7	7.758	778	794	797	rBV	3299141	8849746	5.10%	0.636%
8	7.858	800	811	814	rBV5	22844781	81585716	47.05%	5.867%
9	8.528	908	925	928	rBV	1506206	4475530	2.58%	0.322%
10	8.952	990	997	1007	rVV	5262898	9881740	5.70%	0.711%
11	9.311	1022	1058	1059	rBV	5765008	34196900	19.72%	2.459%
12	9.352	1060	1065	1070	rBV2	2727495	6426291	3.71%	0.462%
13	9.699	1116	1124	1133	rVB	2571387	4883188	2.82%	0.351%
14	9.975	1152	1171	1174	rBV2	1748574	4851529	2.80%	0.349%
15	10.134	1175	1198	1199	rBV4	4121216	19205795	11.08%	1.381%
16	10.228	1212	1214	1230	rVB2	9872788	12319915	7.11%	0.886%
17	10.510	1255	1262	1265	rBV	3029289	5529970	3.19%	0.398%
18	10.546	1265	1268	1273	rVB	1230263	2108947	1.22%	0.152%
19	10.740	1291	1301	1314	rVV3	844526	1738451	1.00%	0.125%
20	12.734	1626	1640	1652	rBV	4362204	11480722	6.62%	0.826%
21	13.004	1676	1686	1690	rBV	14243282	25932349	14.96%	1.865%
22	13.081	1694	1699	1700	rBV	2715213	3849233	2.22%	0.277%
23	14.046	1858	1863	1872	rVV2	1568610	3789448	2.19%	0.273%
24	14.393	1916	1922	1928	rBV	3500630	5035285	2.90%	0.362%
25	14.934	1991	2014	2024	rBV	17543372	60307661	34.78%	4.337%
26	15.240	2061	2066	2076	rBV2	1270713	2247347	1.30%	0.162%
27	15.751	2148	2153	2160	rBV2	1165775	2538676	1.46%	0.183%
28	15.904	2173	2179	2183	rBV	5933968	9279492	5.35%	0.667%
29	16.063	2200	2206	2212	rBV	4957684	7626855	4.40%	0.548%
30	16.369	2252	2258	2262	rVV	24410390	47966716	27.66%	3.449%
31	16.422	2262	2267	2271	rVV2	28184470	65845264	37.97%	4.735%
32	16.469	2271	2275	2286	rVB	25661929	54634045	31.51%	3.929%
33	16.610	2293	2299	2303	rBV2	3810689	6482810	3.74%	0.466%
34	16.692	2309	2313	2315	rBV	2013195	2692904	1.55%	0.194%
35	16.928	2349	2353	2357	rVV	1356987	2105259	1.21%	0.151%
36	16.975	2357	2361	2368	rVB	3032048	4839432	2.79%	0.348%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024185.D
Acq On : 18 Mar 2025 13:57
Operator : RC/JU
Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
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_P\Methods\8270E-BP031225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.116	2379	2385	2391	rVB3	1073689	1912148	1.10%	0.138%
38	17.192	2392	2398	2406	rVB2	3266616	5660420	3.26%	0.407%
39	17.610	2465	2469	2478	rVB2	1907746	3151121	1.82%	0.227%
40	17.722	2479	2488	2492	rBV2	1604316	3418221	1.97%	0.246%
41	17.898	2514	2518	2523	rVV	3083488	3539737	2.04%	0.255%
42	18.028	2531	2540	2544	rBV4	2417383	7462941	4.30%	0.537%
43	18.075	2546	2548	2551	rVV	2275845	3583416	2.07%	0.258%
44	18.116	2551	2555	2556	rVV	6773928	8353730	4.82%	0.601%
45	18.210	2556	2571	2582	rVB2	26624042	130943800	75.52%	9.417%
46	18.457	2604	2613	2621	rVV2	4878231	12161318	7.01%	0.875%
47	18.575	2629	2633	2637	rVB	2008267	2333002	1.35%	0.168%
48	19.034	2707	2711	2717	rVB	8886941	11542624	6.66%	0.830%
49	19.104	2717	2723	2731	rBV4	8048376	19056756	10.99%	1.370%
50	19.257	2746	2749	2753	rVB	4112353	4406015	2.54%	0.317%
51	19.334	2757	2762	2763	rBV	7144456	9927005	5.73%	0.714%
52	19.369	2764	2768	2778	rVB4	10877227	23874324	13.77%	1.717%
53	19.498	2778	2790	2791	rBV	21421832	49256301	28.41%	3.542%
54	19.657	2813	2817	2820	rBV2	5959293	8030473	4.63%	0.577%
55	19.686	2820	2822	2825	rVV	7411599	7860962	4.53%	0.565%
56	19.722	2825	2828	2836	rVB	7061062	9625027	5.55%	0.692%
57	19.822	2839	2845	2854	rVB2	23062197	34729190	20.03%	2.497%
58	19.916	2856	2861	2870	rVB	16385279	23881984	13.77%	1.717%
59	19.986	2870	2873	2877	rBV	1750015	2055168	1.19%	0.148%
60	20.263	2917	2920	2927	rVB3	2456033	3258287	1.88%	0.234%
61	20.398	2937	2943	2947	rBV	21838721	26031833	15.01%	1.872%
62	20.439	2947	2950	2954	rVB2	1556404	1765267	1.02%	0.127%
63	20.504	2956	2961	2966	rBV	5471488	8858208	5.11%	0.637%
64	20.545	2966	2968	2972	rVV	2254424	2939935	1.70%	0.211%
65	20.610	2974	2979	2986	rVV2	9178585	16574079	9.56%	1.192%
66	20.675	2987	2990	2997	rVB3	1769018	2776675	1.60%	0.200%
67	20.775	3004	3007	3016	rVB2	2299841	3348559	1.93%	0.241%
68	20.945	3031	3036	3042	rVB	17628166	22869886	13.19%	1.645%
69	21.322	3095	3100	3111	rVB	14698405	22205524	12.81%	1.597%
70	21.528	3129	3135	3145	rVB	14723454	21964434	12.67%	1.580%
71	21.622	3146	3151	3153	rBV	4734571	7225090	4.17%	0.520%
72	21.833	3182	3187	3195	rBV	1890810	3444401	1.99%	0.248%
73	22.422	3280	3287	3291	rBV	3063668	5743925	3.31%	0.413%
74	22.480	3291	3297	3306	rVV2	4530409	11538422	6.65%	0.830%
75	22.586	3306	3315	3327	rVB	29113301	68529968	39.52%	4.928%
76	22.716	3331	3337	3343	rBV	842351	2171645	1.25%	0.156%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024185.D
Acq On : 18 Mar 2025 13:57
Operator : RC/JU
Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
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_P\Methods\8270E-BP031225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	24.110	3566	3574	3583	rVB	6526909	15769553	9.09%	1.134%
78	24.298	3585	3606	3613	rBV6	30784463	173397109	100.00%	12.469%
79	24.869	3699	3703	3716	rVB4	867665	2165811	1.25%	0.156%
80	25.039	3724	3732	3741	rVB	1890550	5556211	3.20%	0.400%
81	27.686	4169	4182	4202	rVB	6443341	28848504	16.64%	2.075%
82	31.121	4757	4766	4768	rBV2	4599179	9794755	5.65%	0.704%
83	31.256	4784	4789	4790	rBV	3003793	4118919	2.38%	0.296%

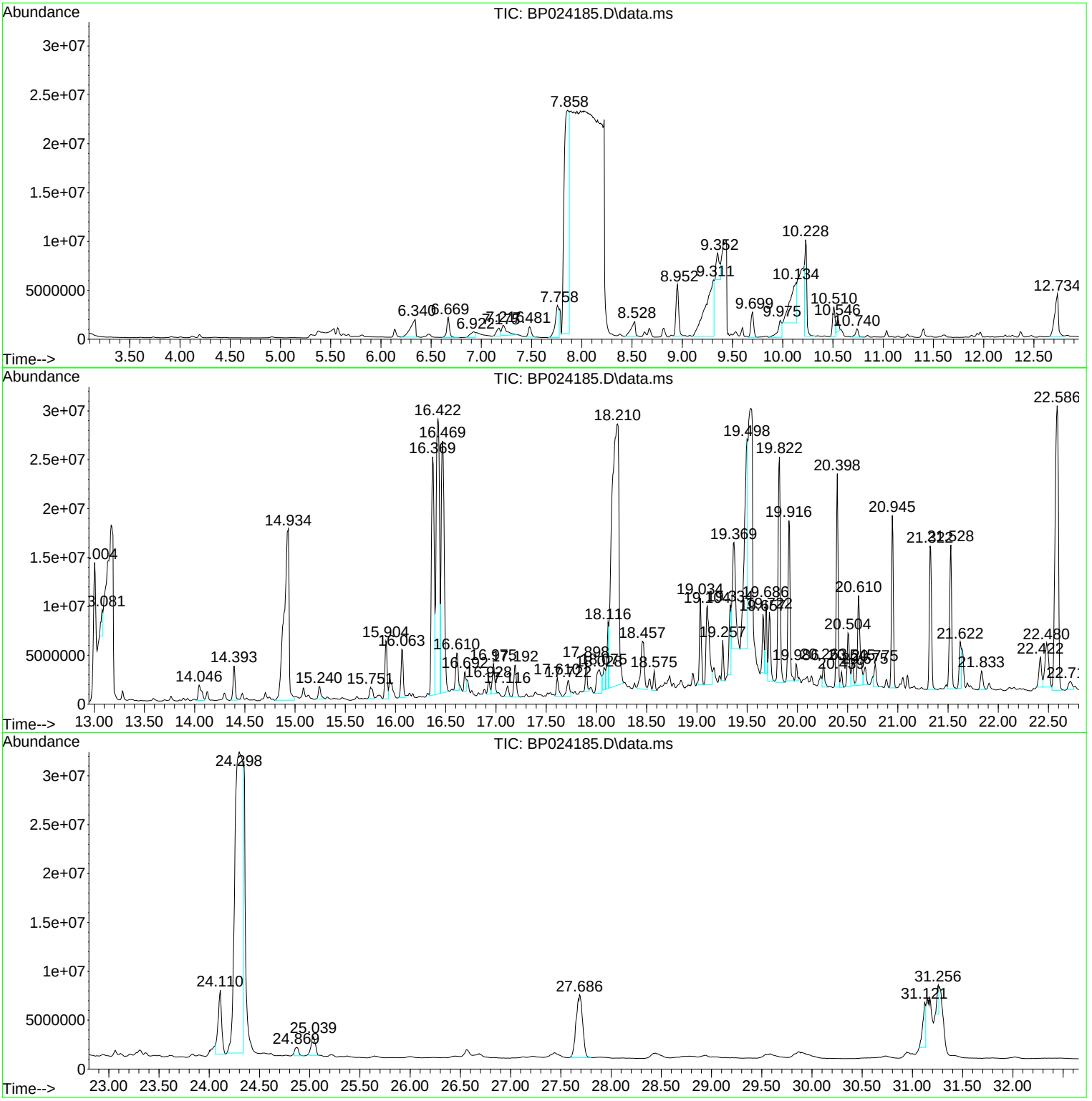
Sum of corrected areas: 1390575302

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024185.D
Acq On : 18 Mar 2025 13:57
Operator : RC/JU
Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.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_P\Data\BP031825\
Data File : BP024185.D
Acq On : 18 Mar 2025 13:57
Operator : RC/JU
Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

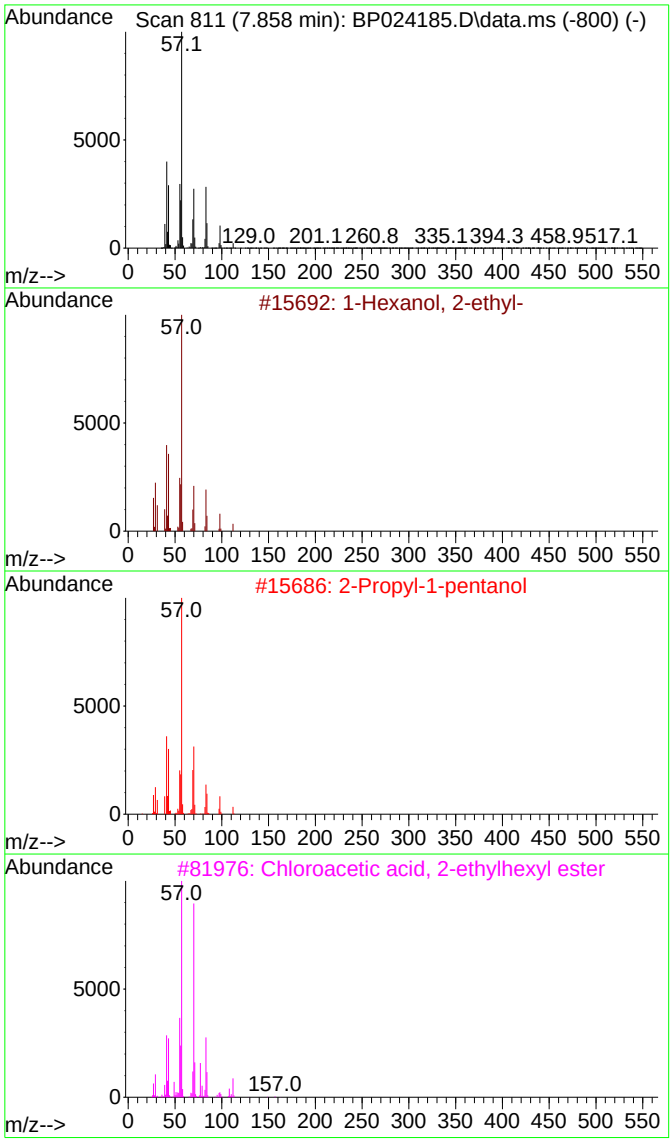
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

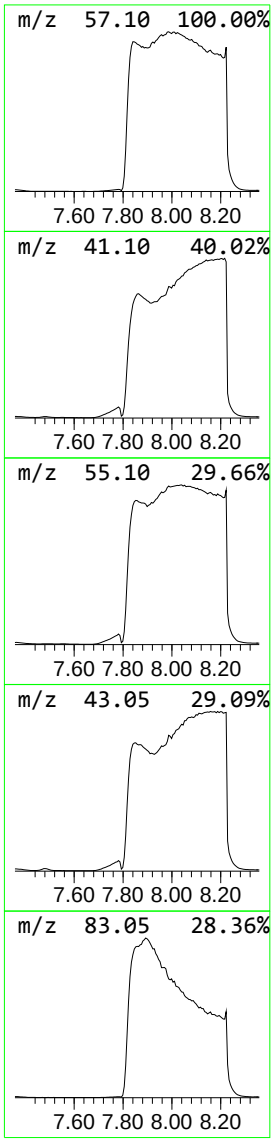
****

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.858	184.38 ng	81585700	1,4-Dichlorobenzene-d4	7.758

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
3	Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	59
4	Pentadecafluorooctanoic acid, 2-...	526	C16H17F15O2	1000406-80-9	53
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024185.D
Acq On : 18 Mar 2025 13:57
Operator : RC/JU
Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

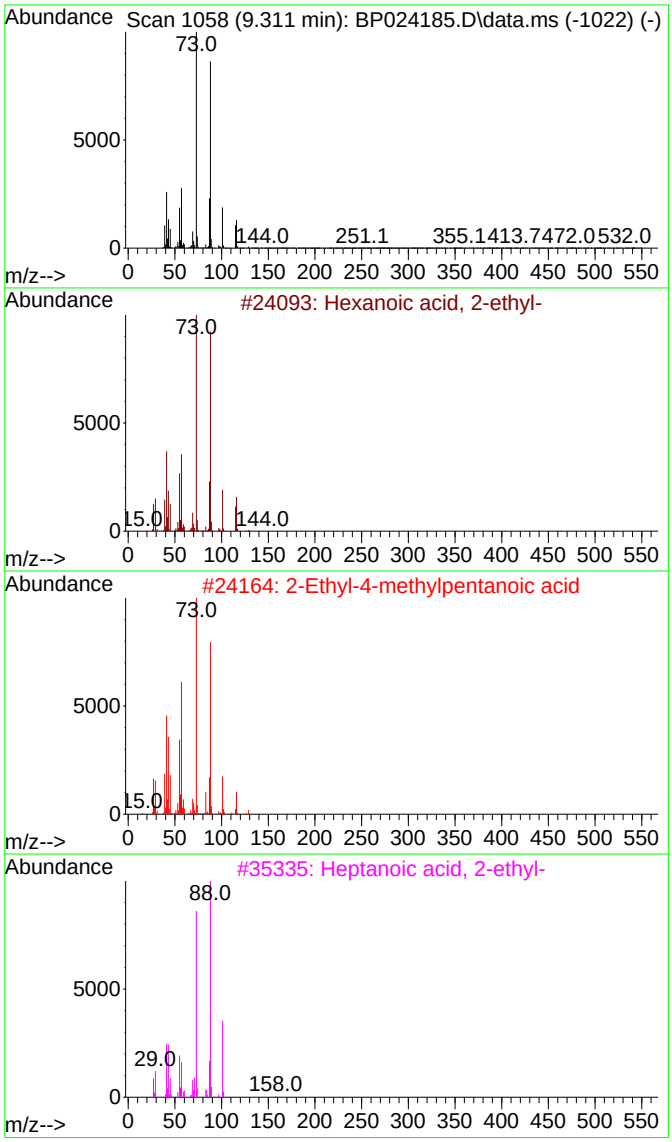
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

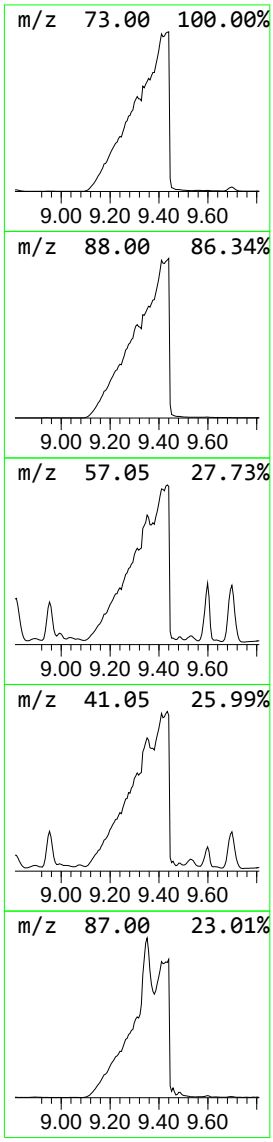
****

Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.311	324.30 ng	34196900	Naphthalene-d8	10.546

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	64
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	64
4	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	53
5	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024185.D
Acq On : 18 Mar 2025 13:57
Operator : RC/JU
Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

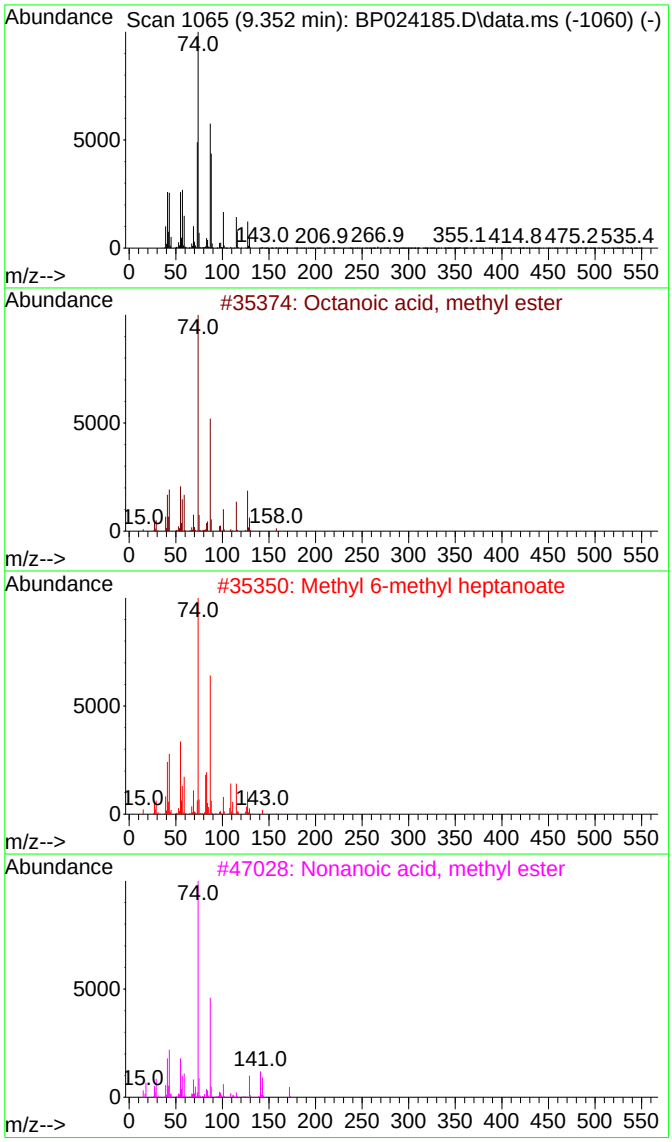
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

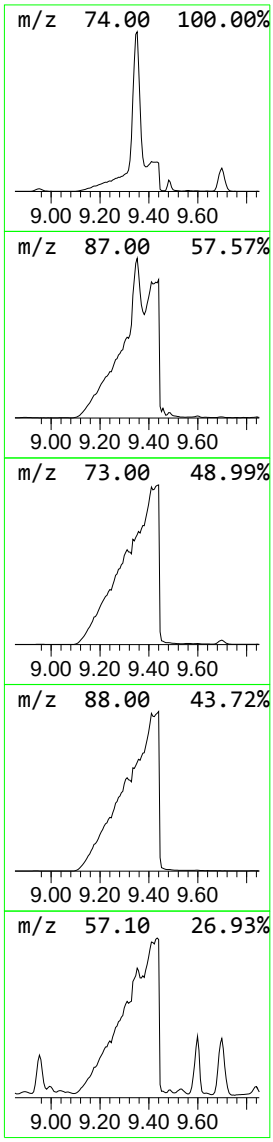
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octanoic acid, methyl ester Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.352	60.94 ng	6426290	Naphthalene-d8	10.546

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	76
2	Methyl 6-methyl heptanoate	158	C9H18O2	002519-37-1	64
3	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	50
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	50
5	Undecanoic acid, 2-methyl-	200	C12H24O2	024323-25-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024185.D
Acq On : 18 Mar 2025 13:57
Operator : RC/JU
Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

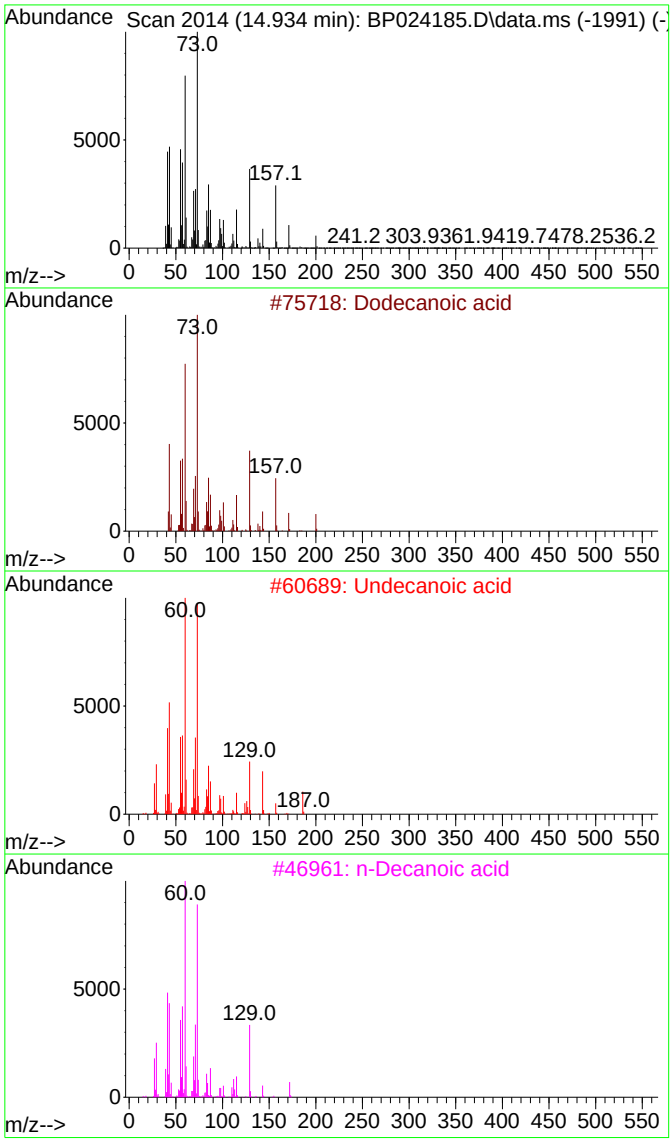
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

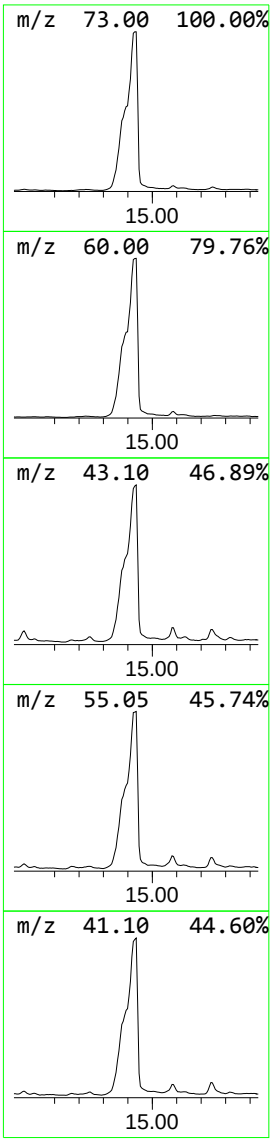
****

Peak Number 5 Dodecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.934	239.54 ng	60307700	Acenaphthene-d10	14.393

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	72
3	n-Decanoic acid	172	C10H20O2	000334-48-5	53
4	Octanoic acid	144	C8H16O2	000124-07-2	50
5	Nonanoic acid	158	C9H18O2	000112-05-0	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024185.D
Acq On : 18 Mar 2025 13:57
Operator : RC/JU
Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

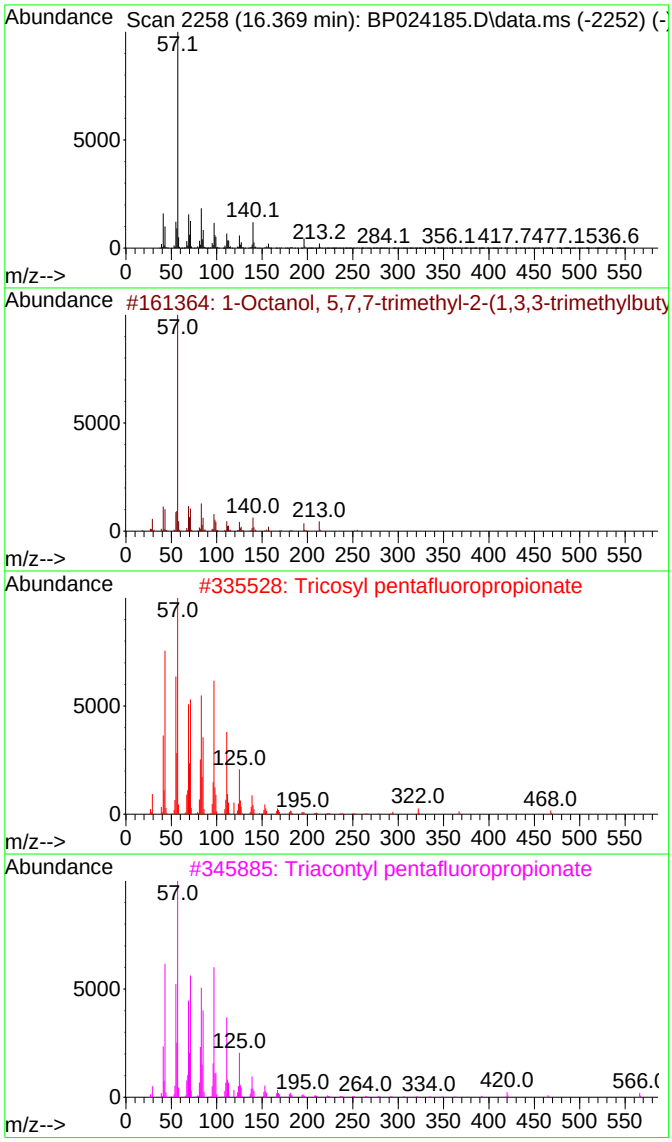
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

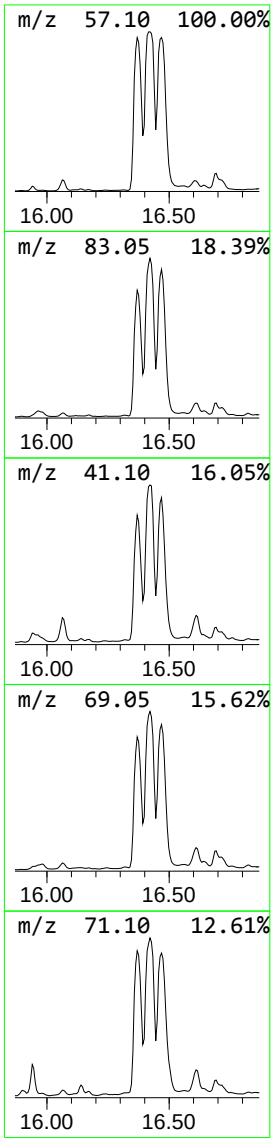
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.369	169.48 ng	47966700	Phenanthrene-d10	17.192

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	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	38
3	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	38
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	38
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024185.D
Acq On : 18 Mar 2025 13:57
Operator : RC/JU
Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

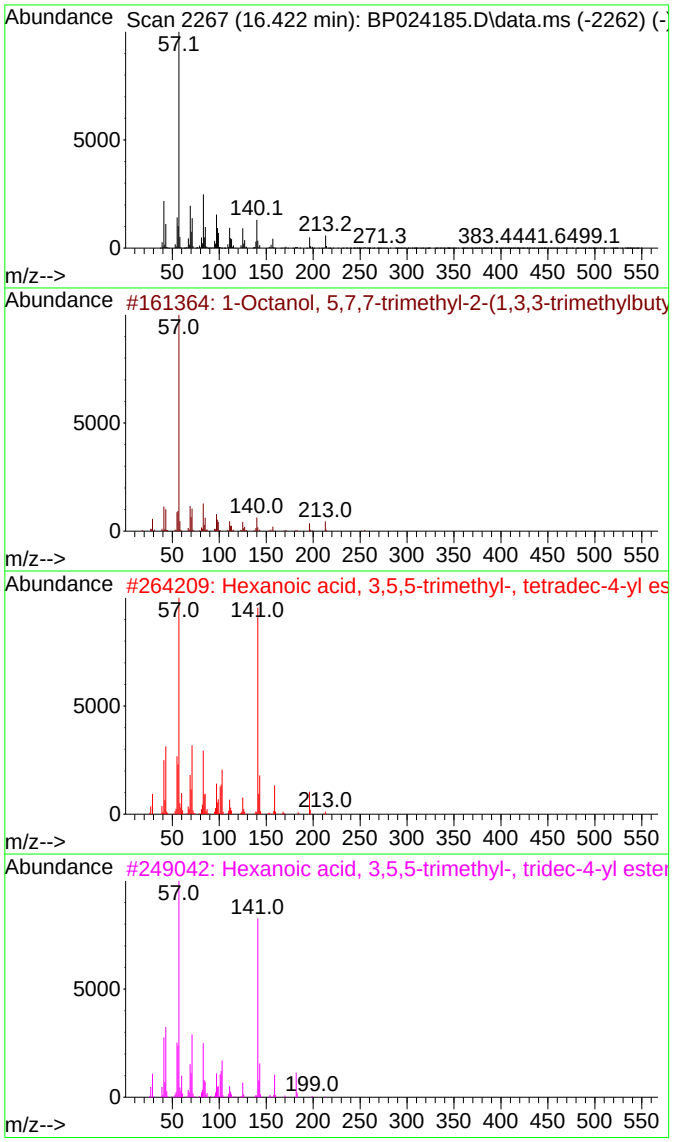
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

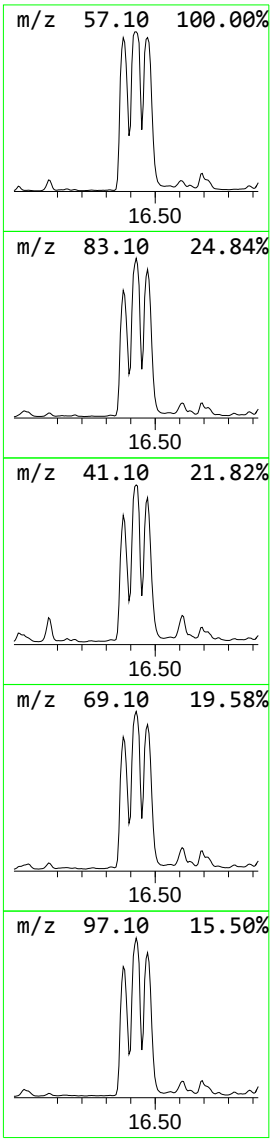
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexanoic acid, 3,5,5-trimet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.422	232.65 ng	65845300	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	87
2	Hexanoic acid, 3,5,5-trimethyl-,...	354	C23H46O2	1000406-26-8	72
3	Hexanoic acid, 3,5,5-trimethyl-,...	340	C22H44O2	1000406-26-3	64
4	Butyl tetracosyl ether	410	C28H58O	1000406-40-9	50
5	Acetic acid, 3,7,11,15-tetrameth...	340	C22H44O2	1000193-63-0	47





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Data File : BP024185.D
Acq On : 18 Mar 2025 13:57
Operator : RC/JU
Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

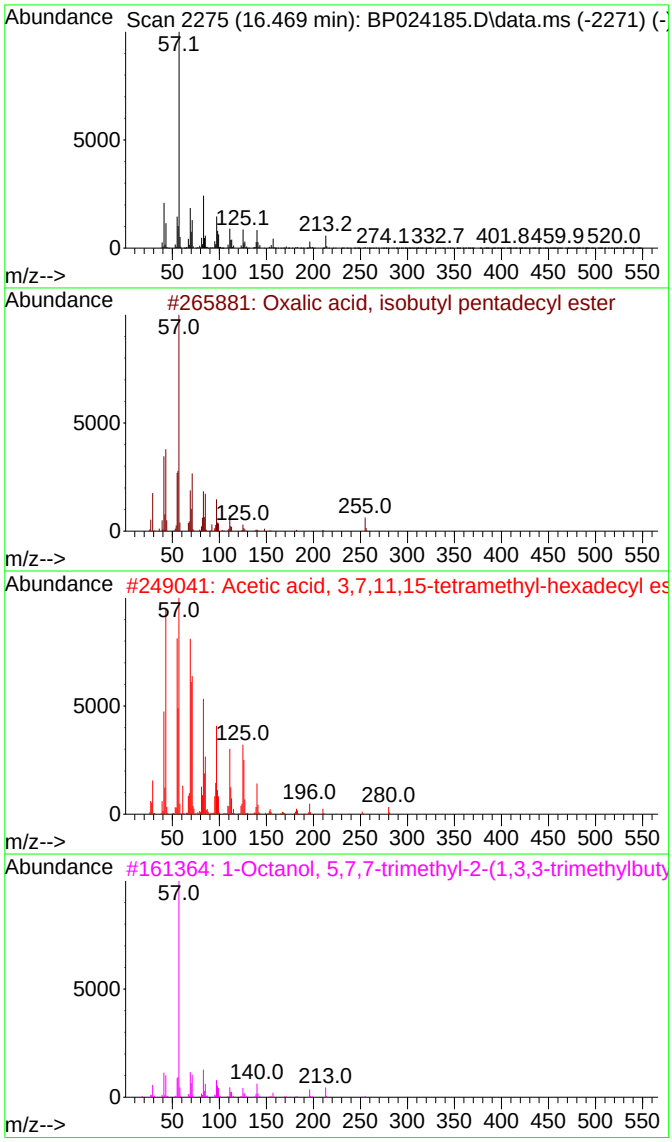
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

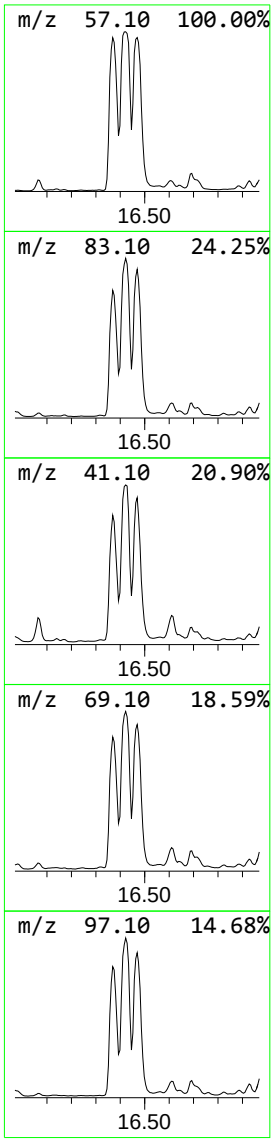
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Oxalic acid, isobutyl penta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.469	193.04 ng	54634000	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	59
2	Acetic acid, 3,7,11,15-tetrameth...	340	C22H44O2	1000193-63-0	43
3	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	43
4	Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	43
5	3-Propionyloxypentadecane	284	C18H36O2	1000245-63-1	43





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Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

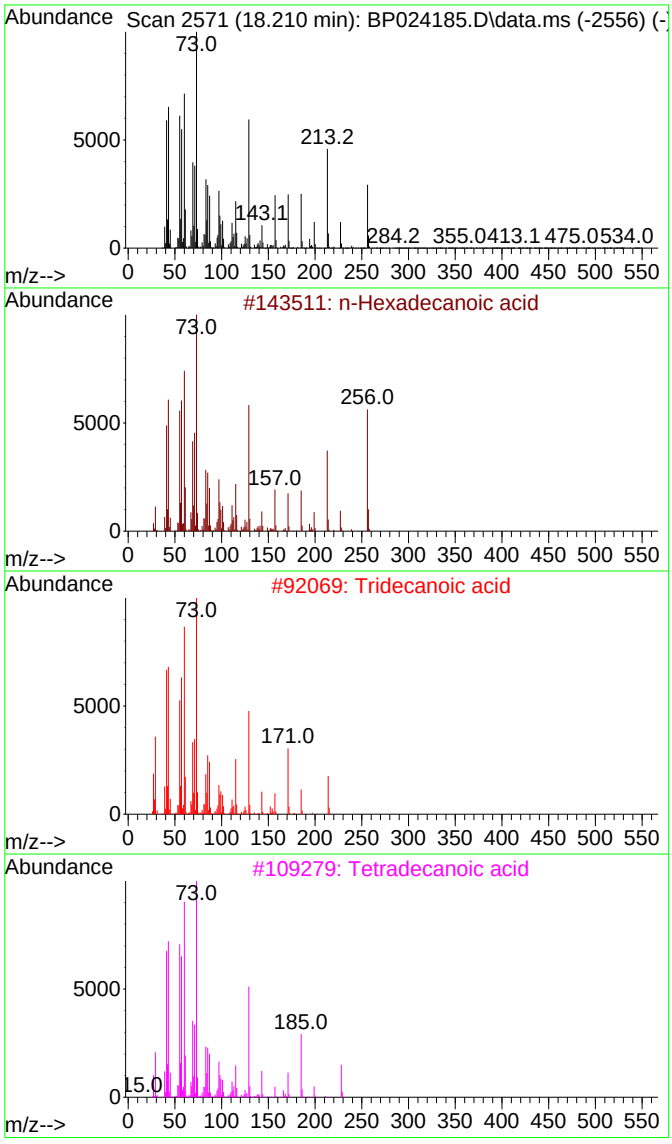
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

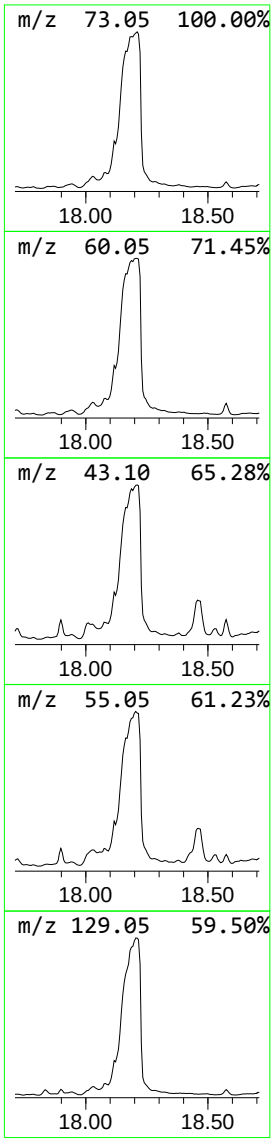
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	462.67 ng	130944000	Phenanthrene-d10	17.192

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	92
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5	Undecanoic acid	186	C11H22O2	000112-37-8	46





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Operator : RC/JU
Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

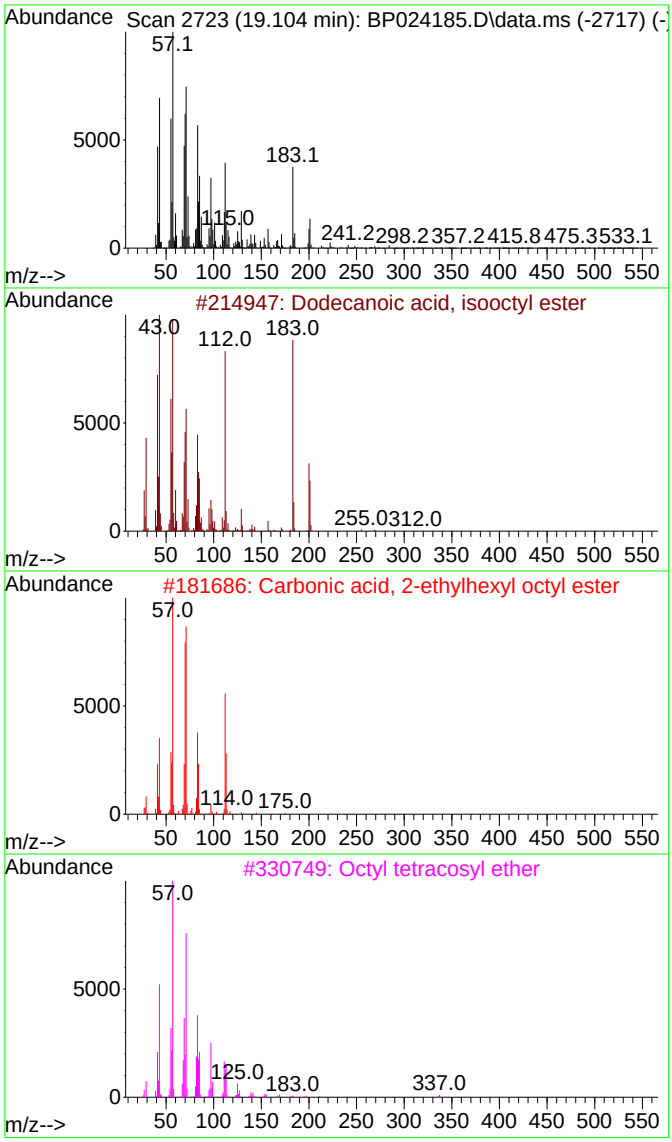
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

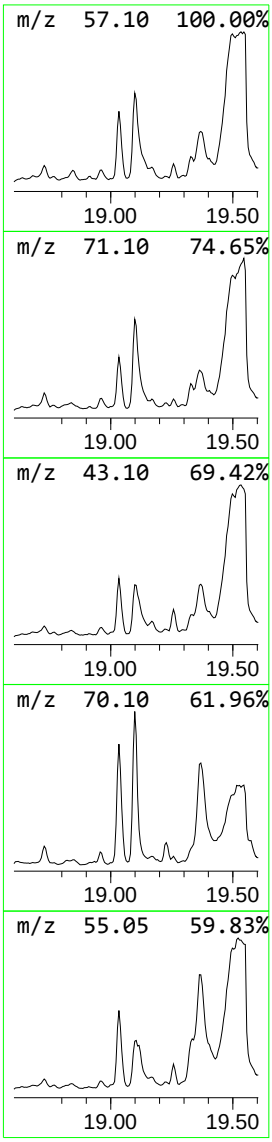
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Dodecanoic acid, isooctyl e... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	67.33 ng	19056800	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, isooctyl ester	312	C20H40O2	084713-06-4	58
2	Carbonic acid, 2-ethylhexyl octy...	286	C17H34O3	1000383-13-5	52
3	Octyl tetracosyl ether	467	C32H66O	1000406-39-0	49
4	Hexadecyl octyl ether	354	C24H50O	1000406-38-6	46
5	Octadecyl octyl ether	382	C26H54O	1000406-38-7	46





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Acq On : 18 Mar 2025 13:57
Operator : RC/JU
Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

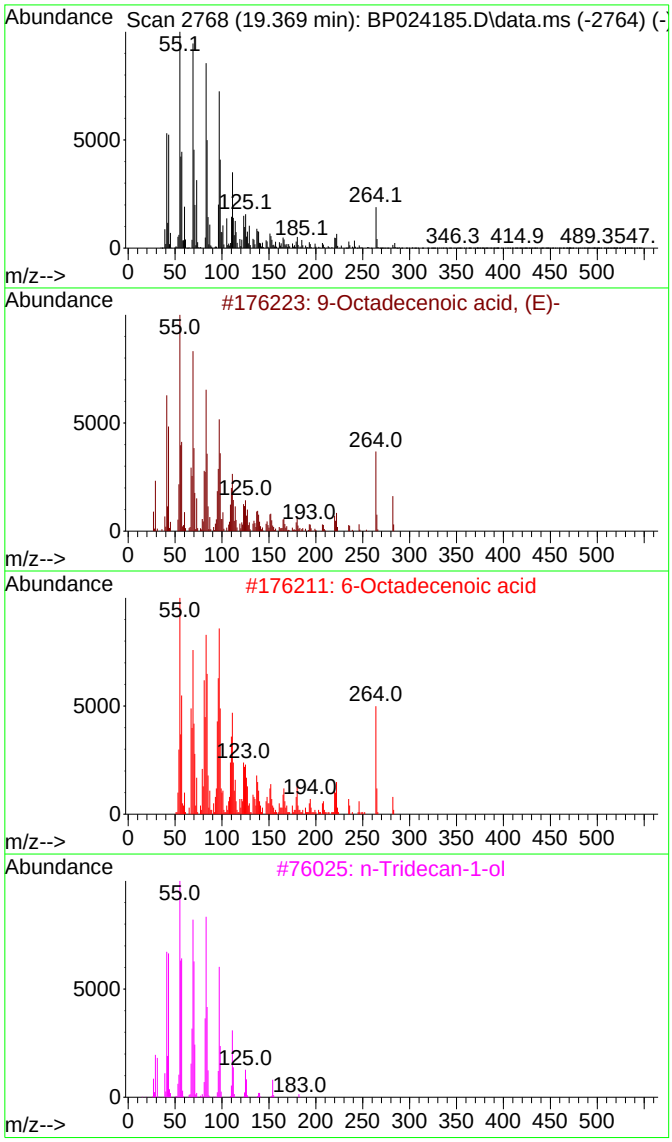
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

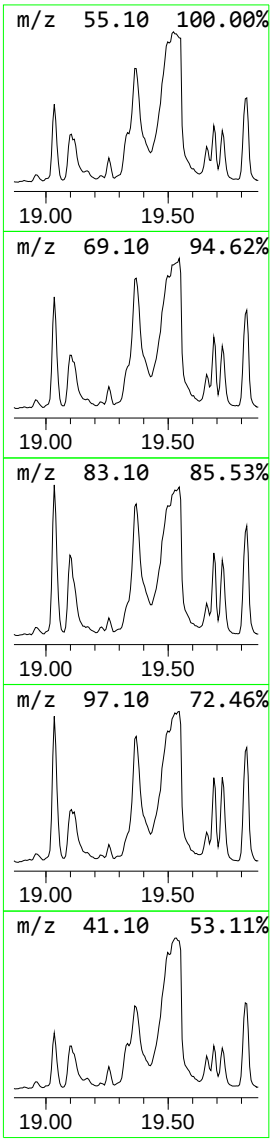
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 9-Octadecenoic acid, (E)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.369	84.36 ng	23874300	Phenanthrene-d10	17.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	83
2	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	83
3	n-Tridecan-1-ol	200	C13H28O	000112-70-9	72
4	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	62
5	Cyclopentadecane	210	C15H30	000295-48-7	59





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Operator : RC/JU
Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

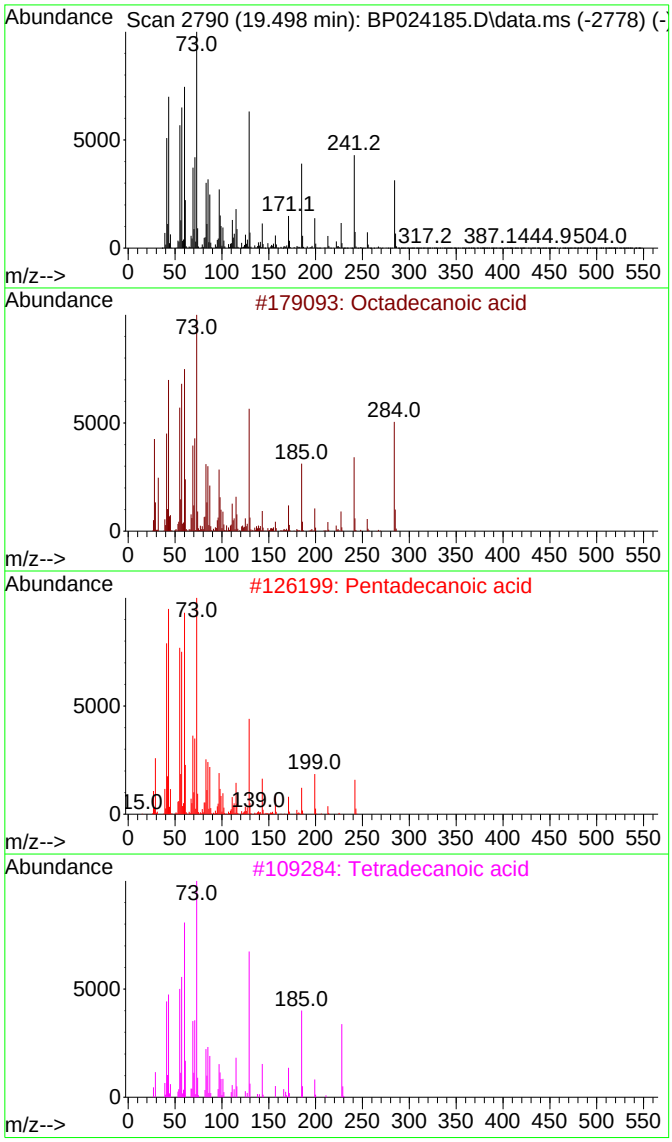
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

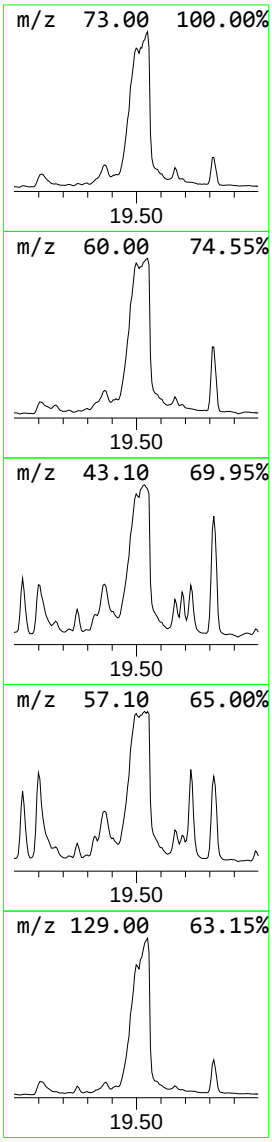
****

Peak Number 12 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.498	136.35 ng	49256300	Chrysene-d12	21.645

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	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4	Undecanoic acid	186	C11H22O2	000112-37-8	60
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58





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Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

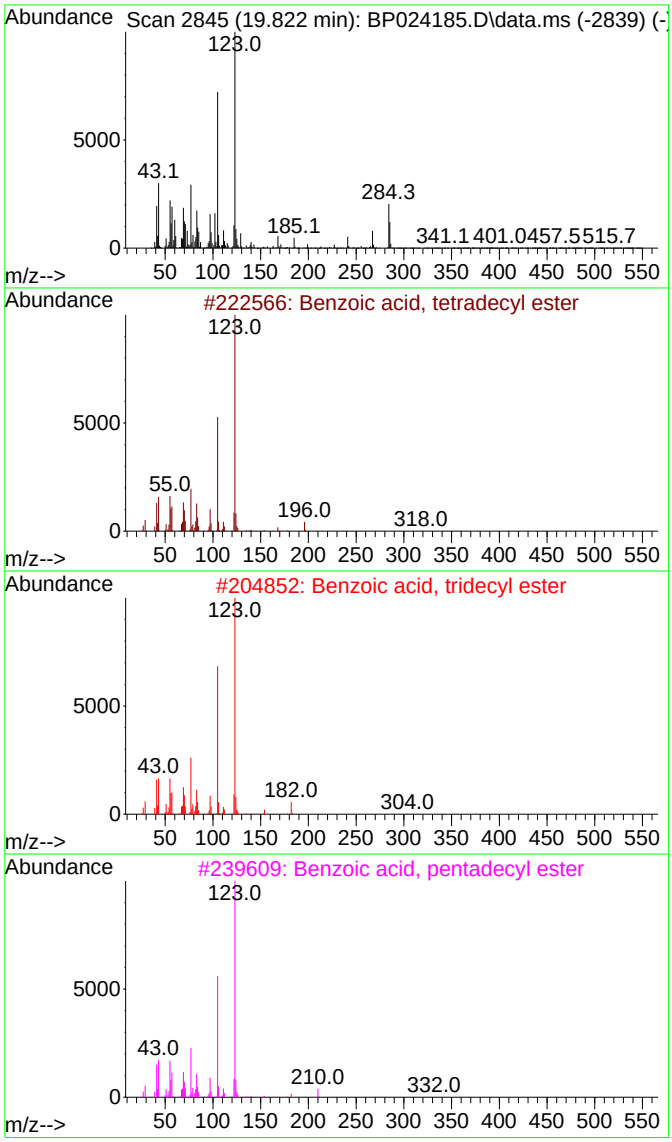
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

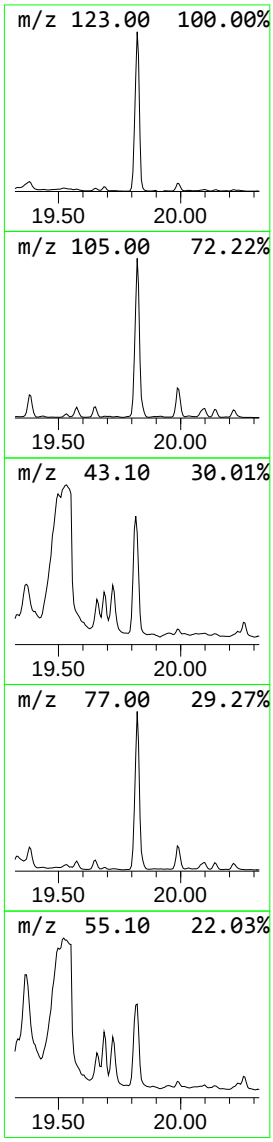
****

Peak Number 13 Benzoic acid, tetradecyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.822	96.14 ng	34729200	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	62
2	Benzoic acid, tridecyl ester	304	C20H32O2	1010340-22-6	62
3	Benzoic acid, pentadecyl ester	332	C22H36O2	1000340-22-8	58
4	Benzoic acid, octadecyl ester	374	C25H42O2	010578-34-4	52
5	Benzoic acid, octyl ester	234	C15H22O2	000094-50-8	52





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Acq On : 18 Mar 2025 13:57
Operator : RC/JU
Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

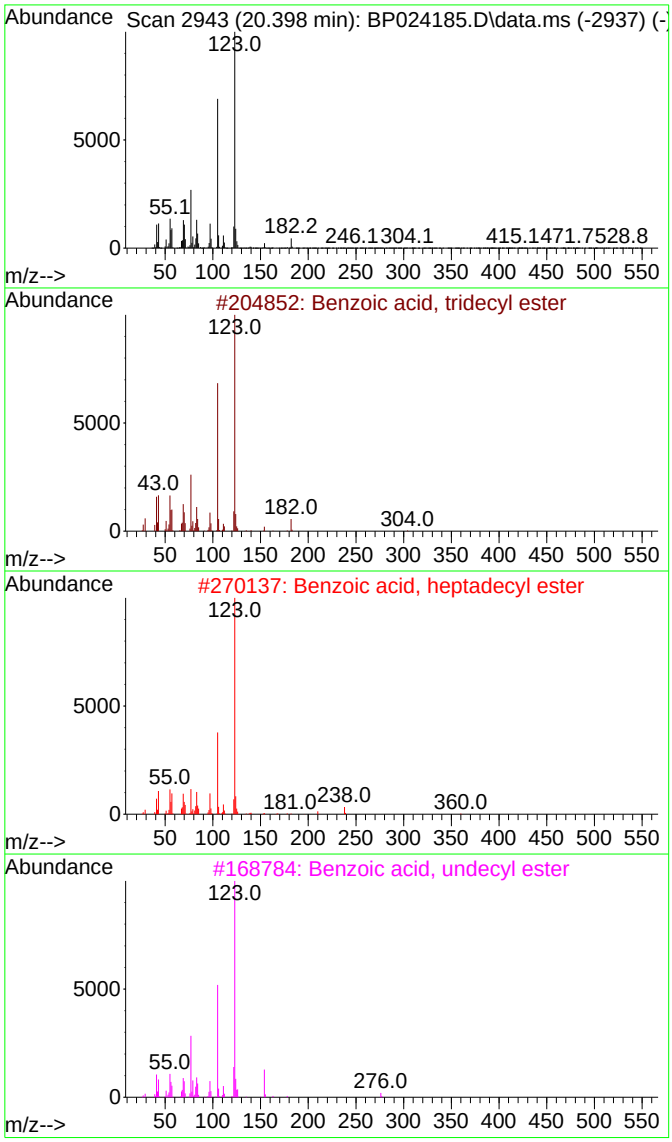
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

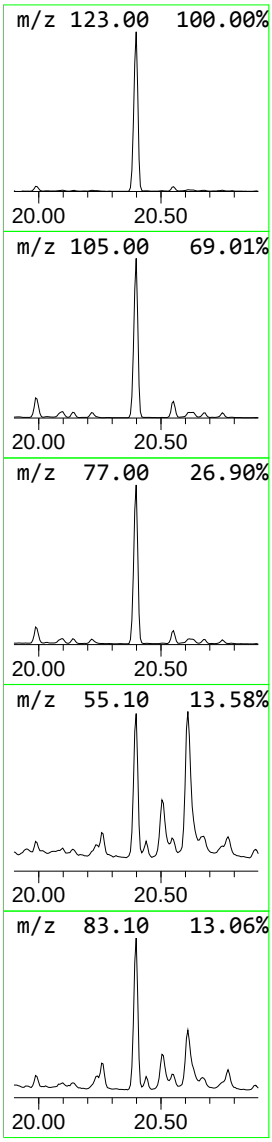
****

Peak Number 14 Benzoic acid, tridecyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.398	72.06 ng	26031800	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, tridecyl ester	304	C20H32O2	1010340-22-6	91
2	Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	91
3	Benzoic acid, undecyl ester	276	C18H28O2	006316-30-9	86
4	Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	86
5	Benzoic acid, octadecyl ester	374	C25H42O2	010578-34-4	86





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Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

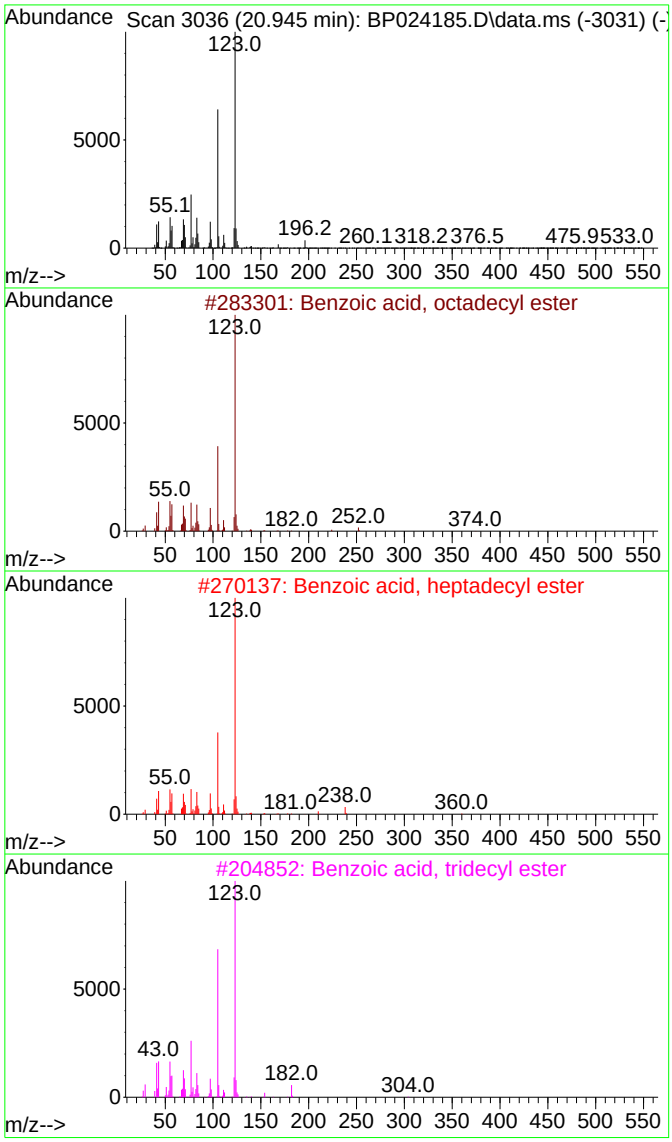
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

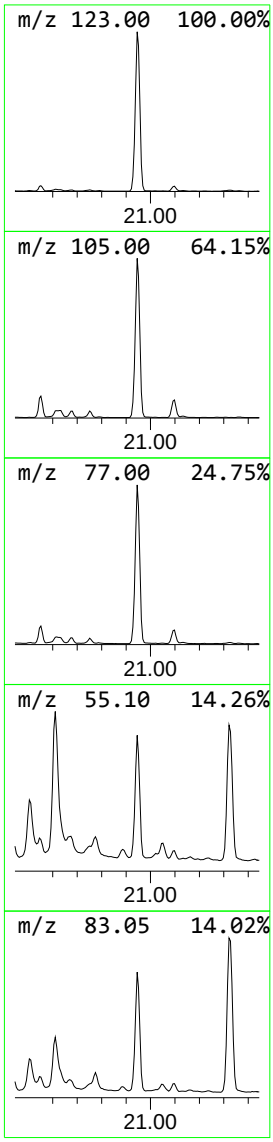
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzoic acid, octadecyl ester Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.945	63.31 ng	22869900	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, octadecyl ester	374	C25H42O2	010578-34-4	91
2	Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	91
3	Benzoic acid, tridecyl ester	304	C20H32O2	1010340-22-6	91
4	Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	90
5	Eicosyl benzoate	402	C27H46O2	103098-99-3	87





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Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EFF-WASTE WATER

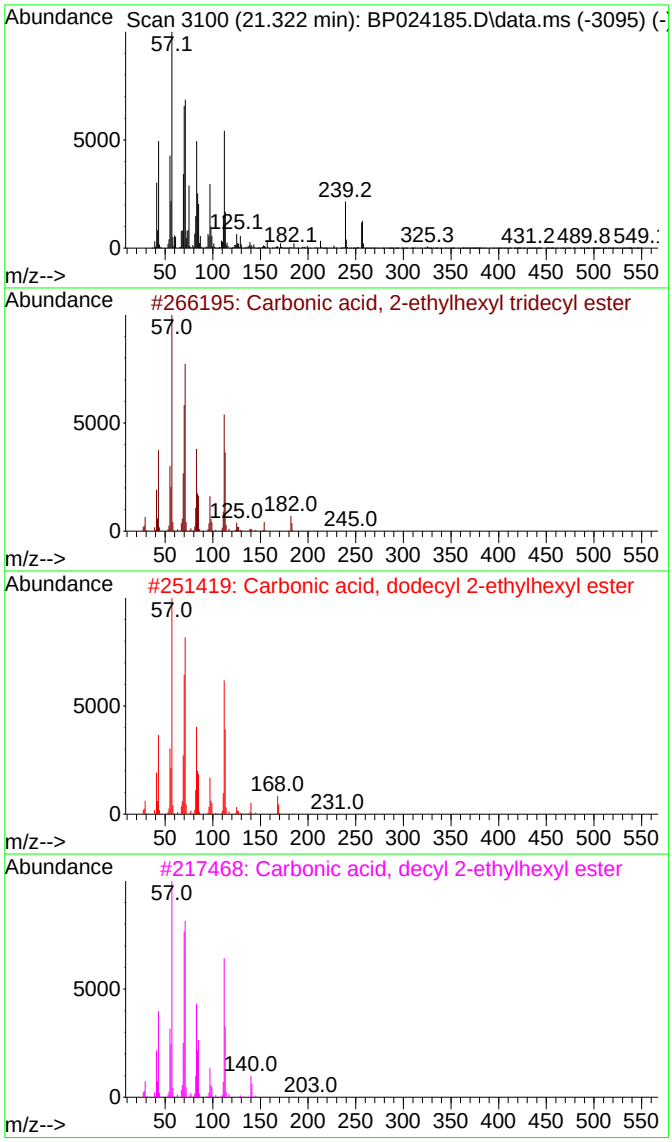
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

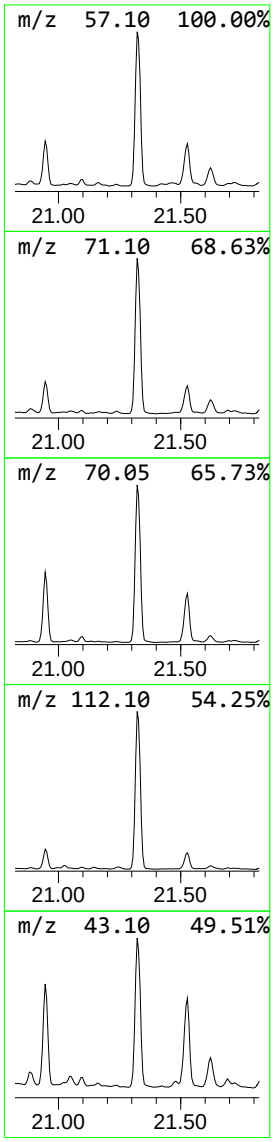
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Carbonic acid, 2-ethylhexyl... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.322	61.47 ng	22205500	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, 2-ethylhexyl trid...	356	C22H44O3	1000383-14-0	68
2	Carbonic acid, dodecyl 2-ethylhe...	342	C21H42O3	1000383-13-9	64
3	Carbonic acid, decyl 2-ethylhexy...	314	C19H38O3	1000383-13-7	64
4	Carbonic acid, 2-ethylhexyl tetr...	370	C23H46O3	1010383-14-1	58
5	Docosyl octyl ether	438	C30H62O	1000406-38-9	49





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

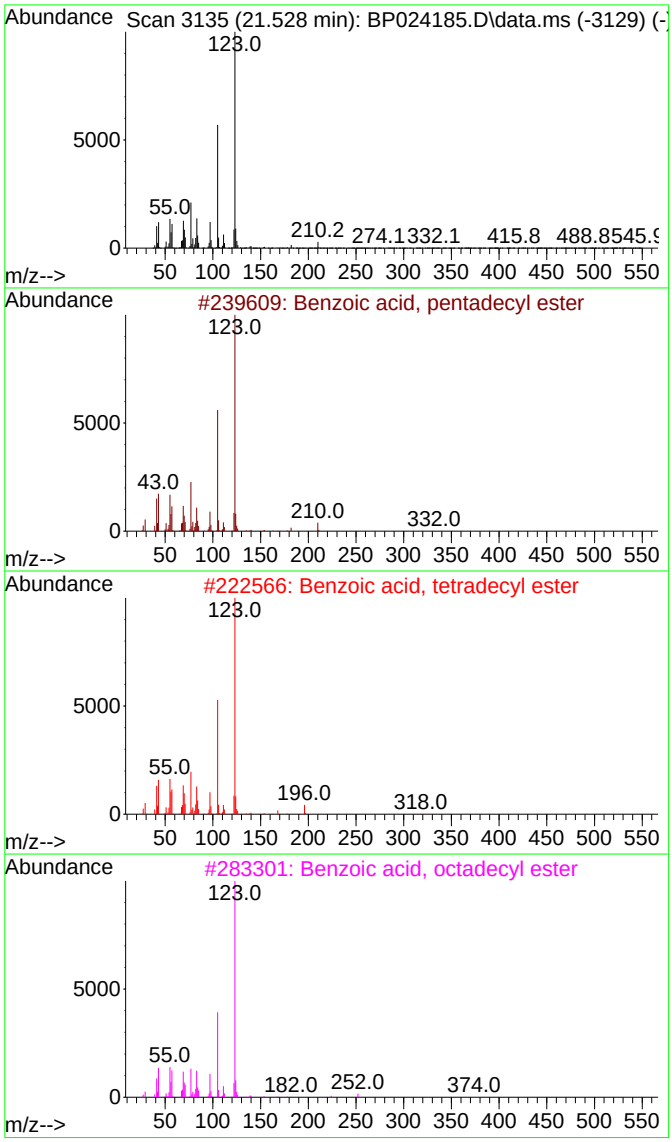
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

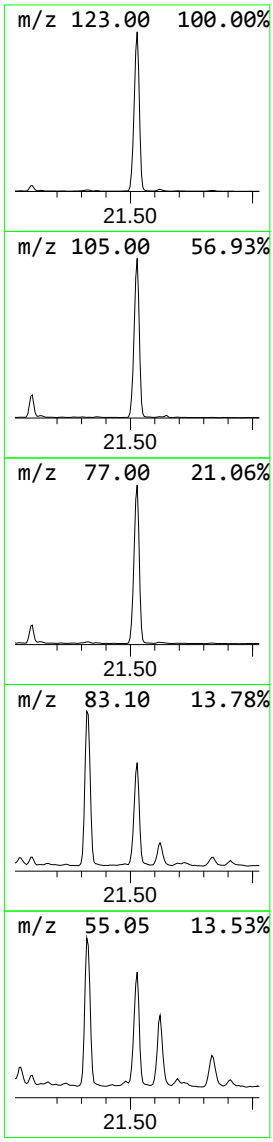
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzoic acid, pentadecyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.528	60.80 ng	21964400	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, pentadecyl ester	332	C22H36O2	1000340-22-8	99
2	Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	91
3	Benzoic acid, octadecyl ester	374	C25H42O2	010578-34-4	91
4	Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	91
5	Benzoic acid, tridecyl ester	304	C20H32O2	1010340-22-6	91





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ALS Vial : 8 Sample Multiplier: 1

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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

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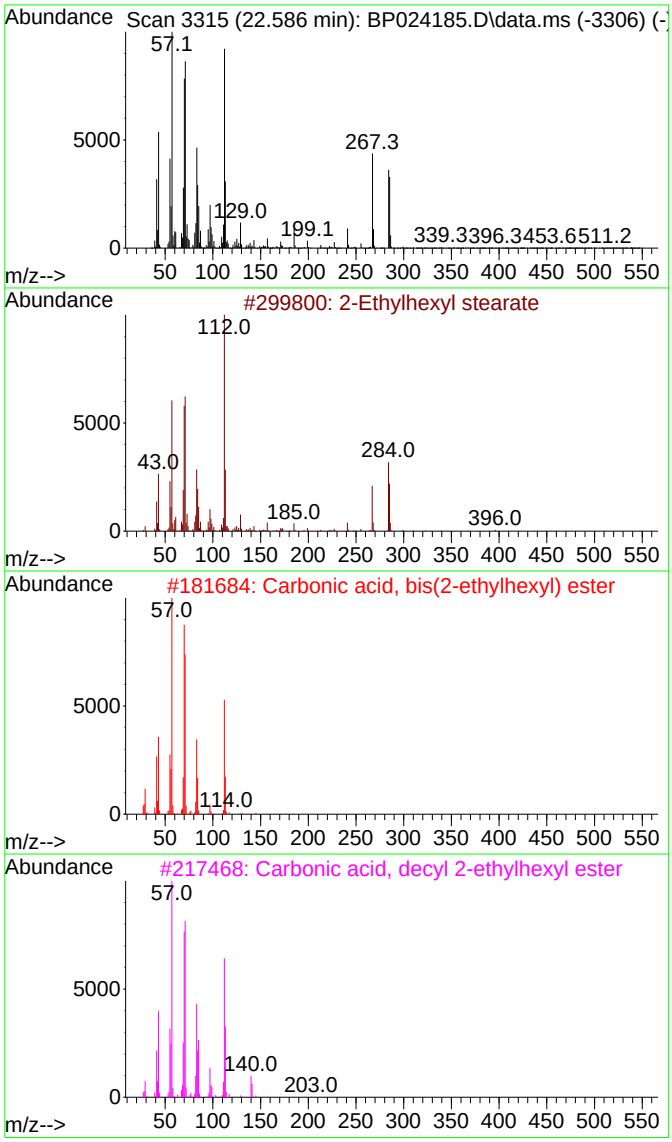
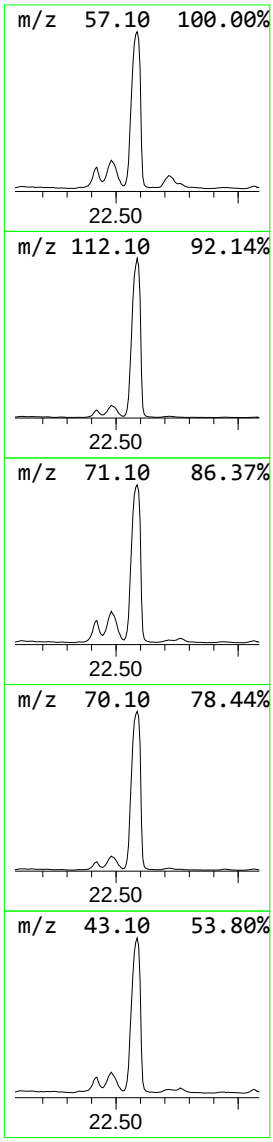
Peak Number 18 2-Ethylhexyl stearate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.586	189.70 ng	68530000	Chrysene-d12	21.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylhexyl stearate	396	C26H52O2	022047-49-0	62
2	Carbonic acid, bis(2-ethylhexyl)...	286	C17H34O3	014858-73-2	58
3	Carbonic acid, decyl 2-ethylhexy...	314	C19H38O3	1000383-13-7	58
4	Carbonic acid, 2-ethylhexyl trid...	356	C22H44O3	1000383-14-0	55
5	Carbonic acid, dodecyl 2-ethylhe...	342	C21H42O3	1000383-13-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024185.D
Acq On : 18 Mar 2025 13:57
Operator : RC/JU
Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

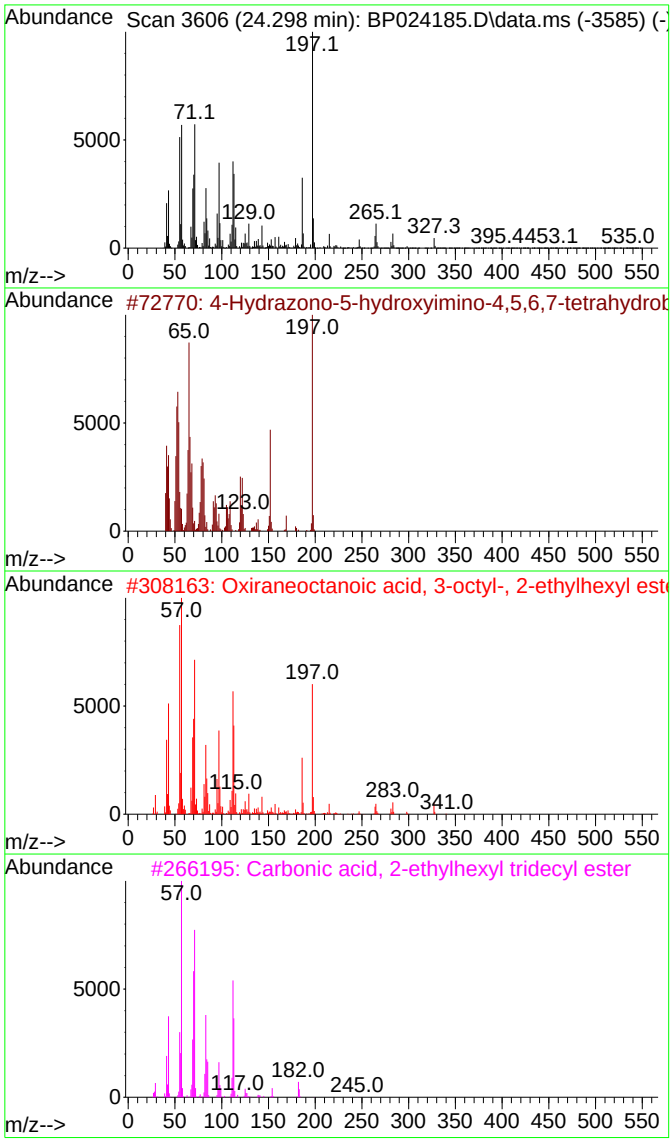
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

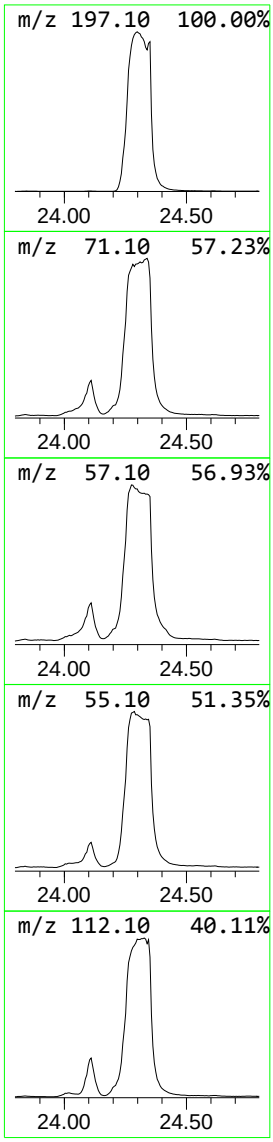
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 4-Hydrazono-5-hydroxyimino-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.298	624.16 ng	173397000	Perylene-d12	25.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydrazono-5-hydroxyimino-4,5,6...	197	C6H7N5O3	303194-86-7	91
2	Oxiraneoctanoic acid, 3-octyl-, ...	410	C26H50O3	000141-38-8	60
3	Carbonic acid, 2-ethylhexyl trid...	356	C22H44O3	1000383-14-0	27
4	p,p'-Ditolylamine	197	C14H15N	000620-93-9	22
5	Methoxyacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024185.D
Acq On : 18 Mar 2025 13:57
Operator : RC/JU
Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

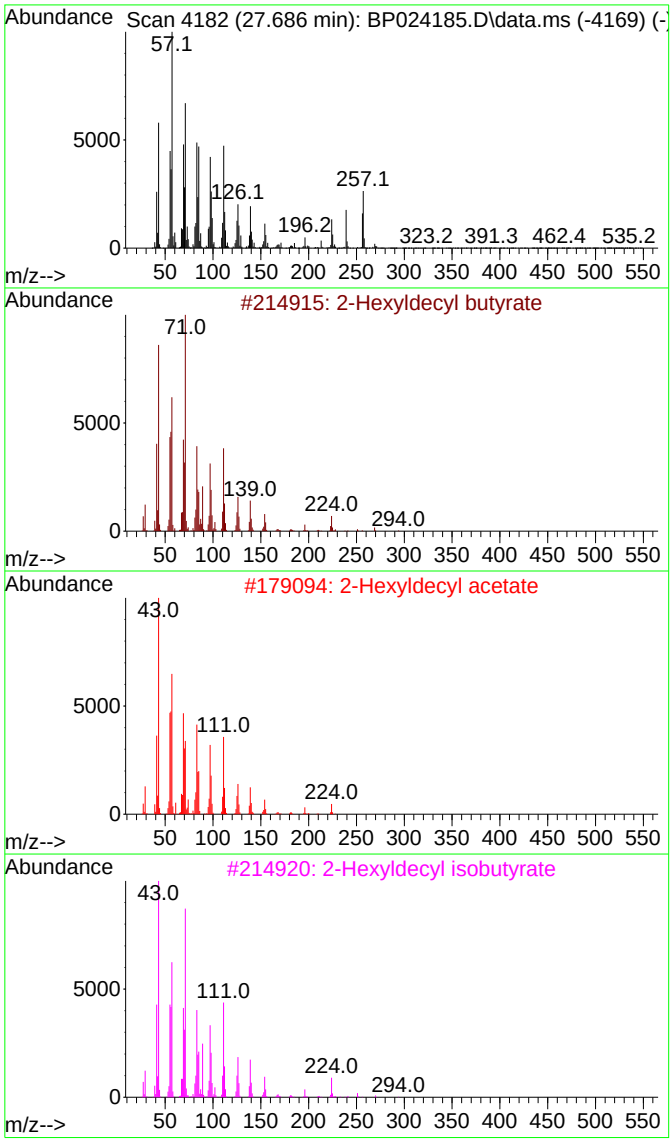
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

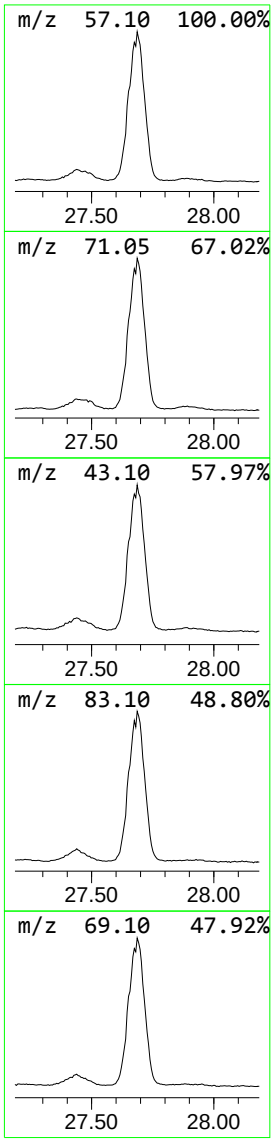
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2-Hexyldecyl butyrate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.686	103.84 ng	28848500	Perylene-d12	25.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexyldecyl butyrate	312	C20H40O2	1072782-00-3	87
2	2-Hexyldecyl acetate	284	C18H36O2	082409-75-4	81
3	2-Hexyldecyl isobutyrate	312	C20H40O2	1000368-55-3	81
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	76
5	2-Hexyldecyl propionate	298	C19H38O2	1072781-99-7	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024185.D
Acq On : 18 Mar 2025 13:57
Operator : RC/JU
Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.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
1-Hexanol, 2-et...	7.858	184.4	ng	81585700	1	7.758	8849750	20.0
Hexanoic acid, ...	9.311	324.3	ng	34196900	2	10.546	2108950	20.0
Octanoic acid, ...	9.352	60.9	ng	6426290	2	10.546	2108950	20.0
Dodecanoic acid	14.934	239.5	ng	60307700	3	14.393	5035290	20.0
1-Octanol, 5,7,...	16.369	169.5	ng	47966700	4	17.192	5660420	20.0
Hexanoic acid, ...	16.422	232.7	ng	65845300	4	17.192	5660420	20.0
Oxalic acid, is...	16.469	193.0	ng	54634000	4	17.192	5660420	20.0
n-Hexadecanoic ...	18.210	462.7	ng	130944000	4	17.192	5660420	20.0
Dodecanoic acid...	19.104	67.3	ng	19056800	4	17.192	5660420	20.0
9-Octadecenoic ...	19.369	84.4	ng	23874300	4	17.192	5660420	20.0
Octadecanoic acid	19.498	136.3	ng	49256300	5	21.645	7225090	20.0
Benzoic acid, t...	19.822	96.1	ng	34729200	5	21.645	7225090	20.0
Benzoic acid, t...	20.398	72.1	ng	26031800	5	21.645	7225090	20.0
Benzoic acid, o...	20.945	63.3	ng	22869900	5	21.645	7225090	20.0
Carbonic acid, ...	21.322	61.5	ng	22205500	5	21.645	7225090	20.0
Benzoic acid, p...	21.528	60.8	ng	21964400	5	21.645	7225090	20.0
2-Ethylhexyl st...	22.586	189.7	ng	68530000	5	21.645	7225090	20.0
4-Hydrazono-5-h...	24.298	624.2	ng	173397000	6	25.039	5556210	20.0
2-Hexyldecyl bu...	27.686	103.8	ng	28848500	6	25.039	5556210	20.0