LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-3-20250508-A

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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024657.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.311	372	378	399	rVB	1182448	1899718	4.90%	1.112%
2	6.899	640	648	668	rBV	675224	1273662	3.29%	0.746%
3	7.663	770	778	787	rBV	501246	784477	2.02%	0.459%
4	8.810	966	973	990	rVB	1703709	2748353	7.09%	1.609%
5	10.434	1241	1249	1262	rBV	688641	1138219	2.94%	0.666%
6	12.904	1662	1669	1683	rBV	4419195	6587466	16.99%	3.857%
7	14.298	1900	1906	1913	rBV	994113	1552689	4.01%	0.909%
8	14.757	1979	1984	1997	rBV	332820	668885	1.73%	0.392%
9	15.134	2043	2048	2057	rVB	1267390	1776401	4.58%	1.040%
10	15.822	2159	2165	2178	rVB	4221929	6271927	16.18%	3.672%
11	16.022	2183	2199	2201	rBV2	721308	2265939	5.85%	1.327%
12	16.310	2245	2248	2252	rBV	399160	499908	1.29%	0.293%
13	16.510	2277	2282	2286	rBV	571506	1044798	2.70%	0.612%
14	17.098	2369	2382	2389	rBV3	2972542	11232670	28.98%	6.576%
15	17.575	2459	2463	2469	rBV	904446	1953748	5.04%	1.144%
16	17.669	2471	2479	2483	rBV	1882275	5033315	12.98%	2.947%
17	17.775	2494	2497	2499	rBV	1072102	1266011	3.27%	0.741%
18	17.810	2501	2503	2508	rVB	1167311	1518558	3.92%	0.889%
19	17.857	2508	2511	2512	rBV	1436131	1406360	3.63%	0.823%
20	17.875	2512	2514	2517	rVV	1310519	1497550	3.86%	0.877%
21	17.939	2522	2525	2538	rVB	5854096	11112969	28.67%	6.506%
22	18.045	2540	2543	2548	rVB	987475	1513178	3.90%	0.886%
23	18.192	2565	2568	2570	rBV	494871	424302	1.09%	0.248%
24	18.216	2570	2572	2574	rVV	359131	431151	1.11%	0.252%
25	18.245	2574	2577	2578	rVV	960569	991864	2.56%	0.581%
26	18.263	2578	2580	2582	rVV	1360854	1637931	4.23%	0.959%
27	18.322	2582	2590	2592	rVV	5023574	11917861	30.74%	6.977%
28	18.357	2594	2596	2602	rVV	5937042	10021862	25.85%	5.867%
29	18.428	2602	2608	2609	rVV	5814969	9274341	23.92%	5.430%
30	18.463	2610	2614	2635	rVB	10762899	38764895	100.00%	22.695%
31	18.675	2646	2650	2653	rVB	380404	531134	1.37%	0.311%
32	18.722	2654	2658	2659	rBV	1317815	1263323	3.26%	0.740%
33	18.775	2664	2667	2669	rBV	778184	817519	2.11%	0.479%
34	19.239	2743	2746	2751	rBV2	283786	457885	1.18%	0.268%
35	19.369	2764	2768	2774	rBV	363362	518587	1.34%	0.304%
36	19.816	2840	2844	2849	rBV	8453761	9930834	25.62%	5.814%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

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-BP051325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.004	2871	2876	2882	rVV	1220677	2462810	6.35%	1.442%
38	20.222	2907	2913	2916	rBV	417865	767351	1.98%	0.449%
39	20.580	2970	2974	2982	rVB2	591963	1065052	2.75%	0.624%
40	21.527	3130	3135	3141	rBV2	1382942	2263511	5.84%	1.325%
41	22.274	3253	3262	3279	rVB	2634395	9095262	23.46%	5.325%
42	24.815	3687	3694	3710	rVB2	886897	2617907	6.75%	1.533%
43	27.139	4085	4089	4090	rBV	464823	504860	1.30%	0.296%

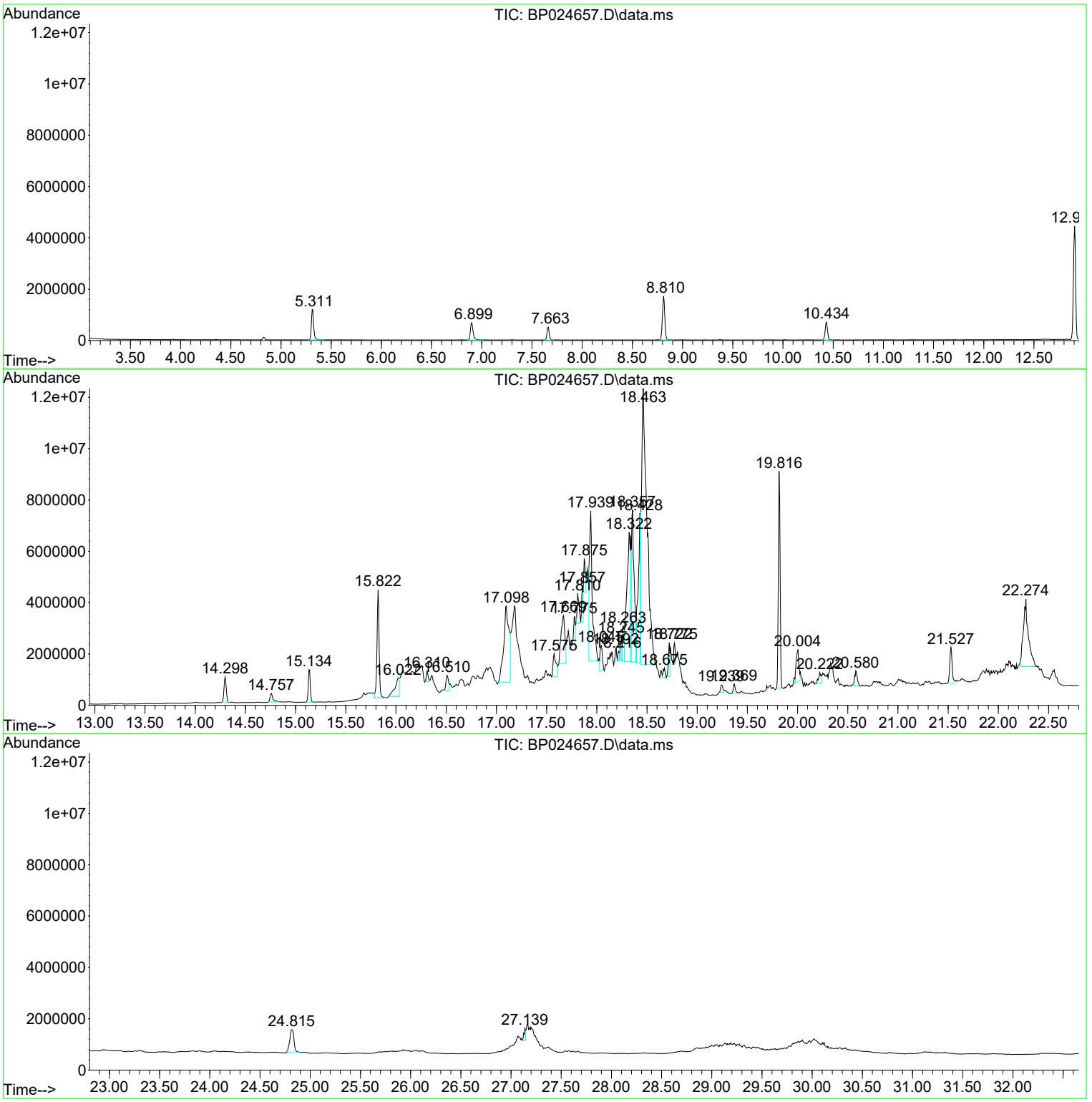
Sum of corrected areas: 170807043

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

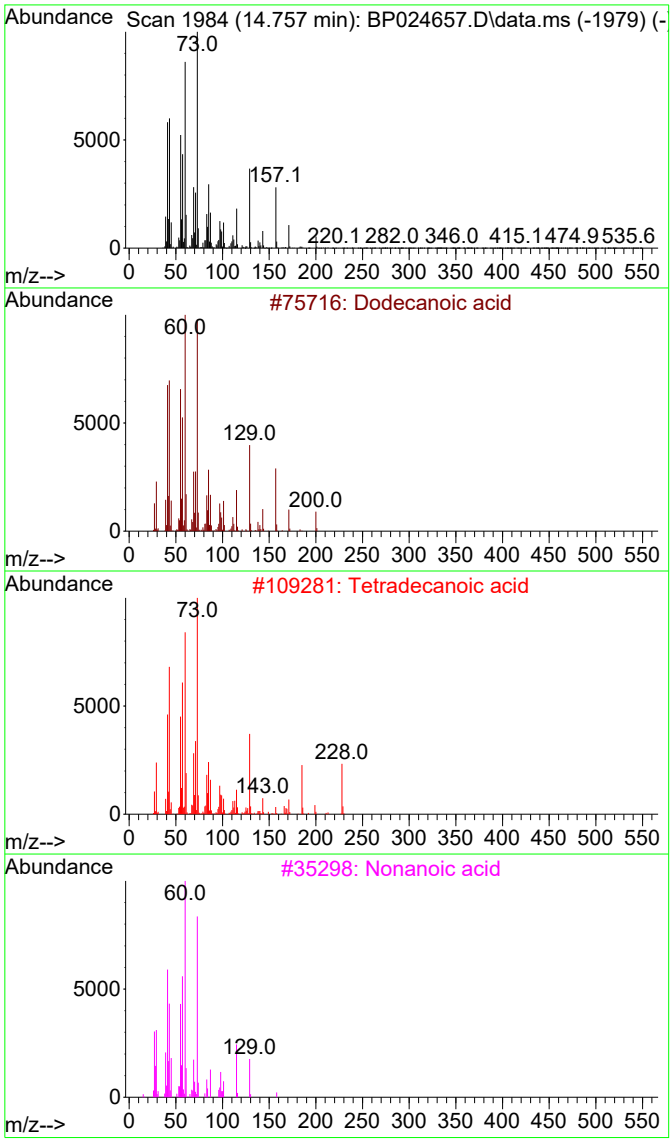
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

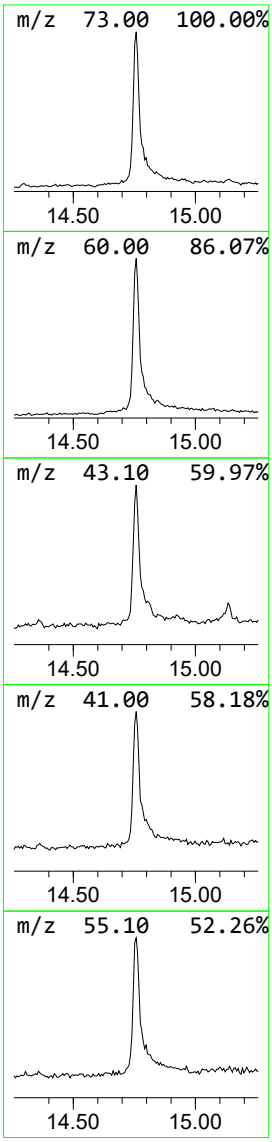
****

Peak Number 1 Dodecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.757	8.62 ng	668885	Acenaphthene-d10	14.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Nonanoic acid	158	C9H18O2	000112-05-0	68
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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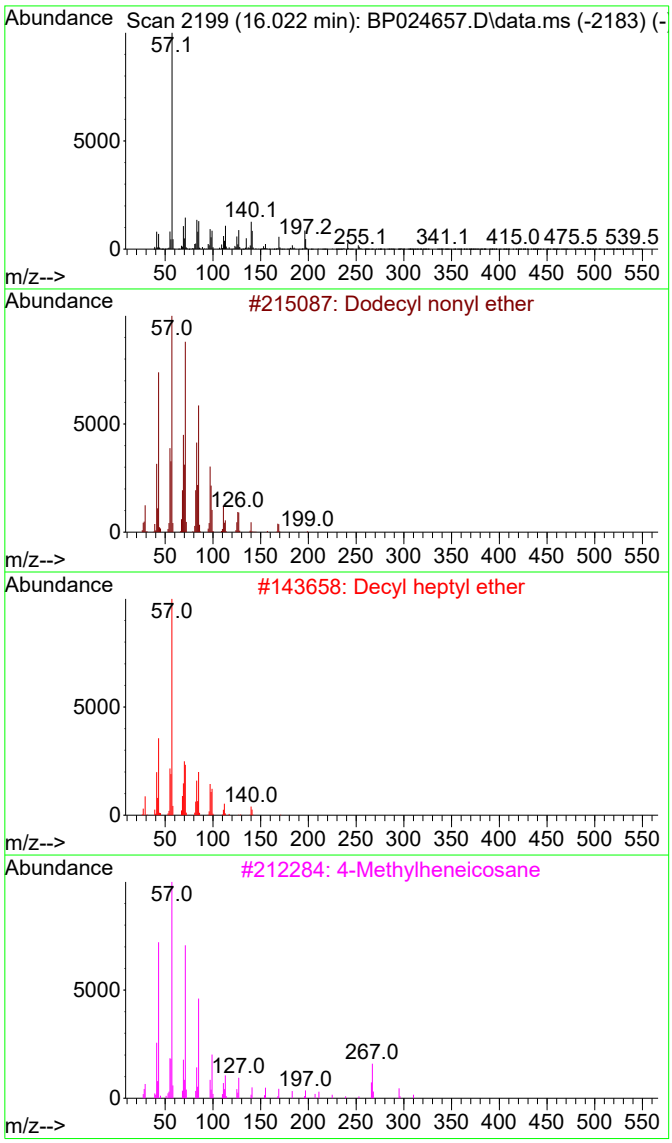
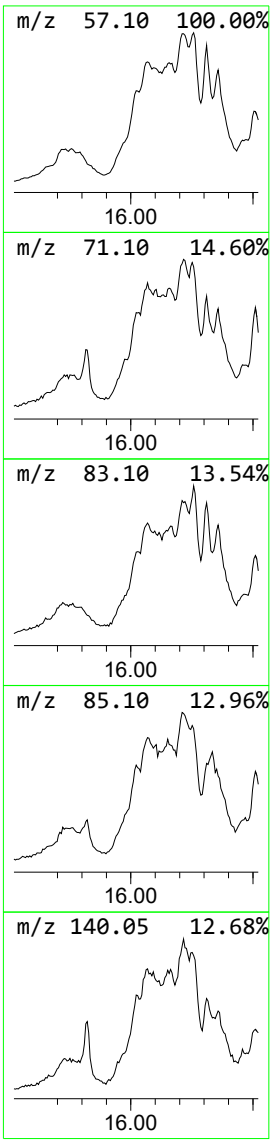
Peak Number 2 Dodecyl nonyl ether Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.022	4.03 ng	2265940	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecyl nonyl ether	312	C21H44O	1000406-37-5	50
2	Decyl heptyl ether	256	C17H36O	1000406-39-1	47
3	4-Methylheneicosane	310	C22H46	025117-29-7	47
4	Hexacosane	366	C26H54	000630-01-3	43
5	Carbonic acid, decyl dodecyl ester	370	C23H46O3	1000383-16-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

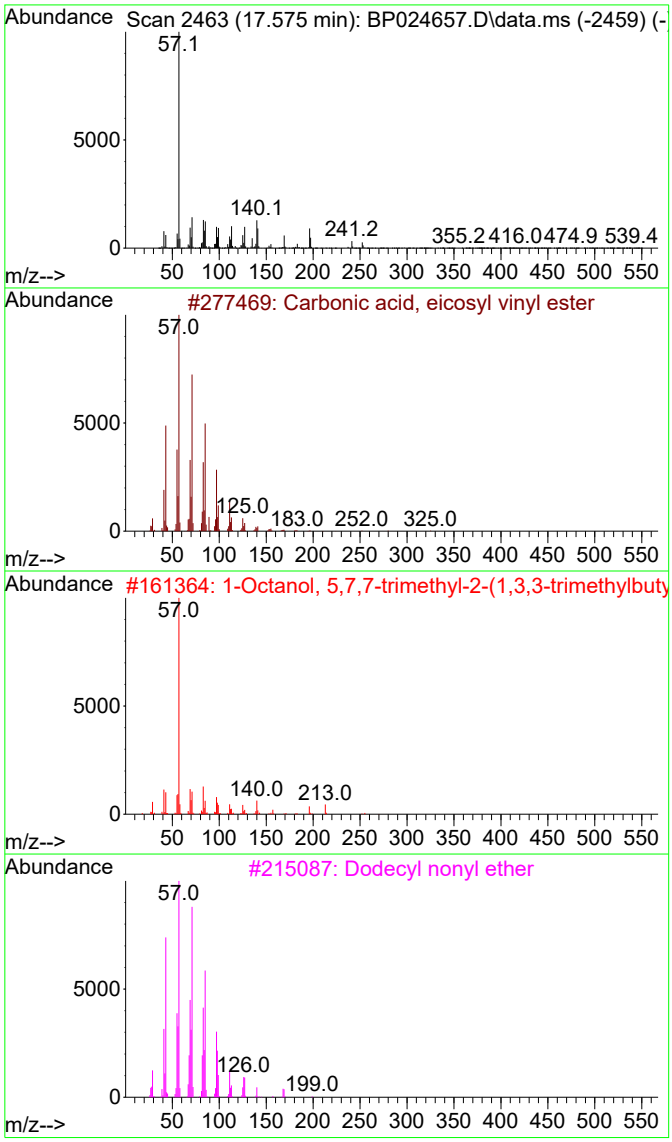
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

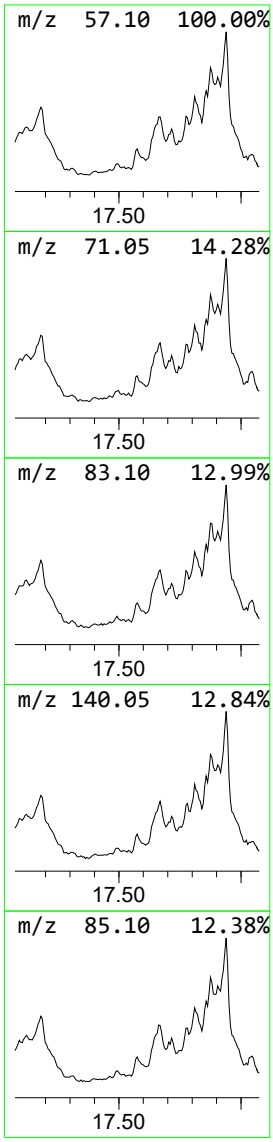
****

Peak Number 3 Carbonic acid, eicosyl viny... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.575	3.48 ng	1953750	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	64
2	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	47
3	Dodecyl nonyl ether	312	C21H44O	1000406-37-5	43
4	Triacontane	422	C30H62	000638-68-6	43
5	Pentacosane	352	C25H52	000629-99-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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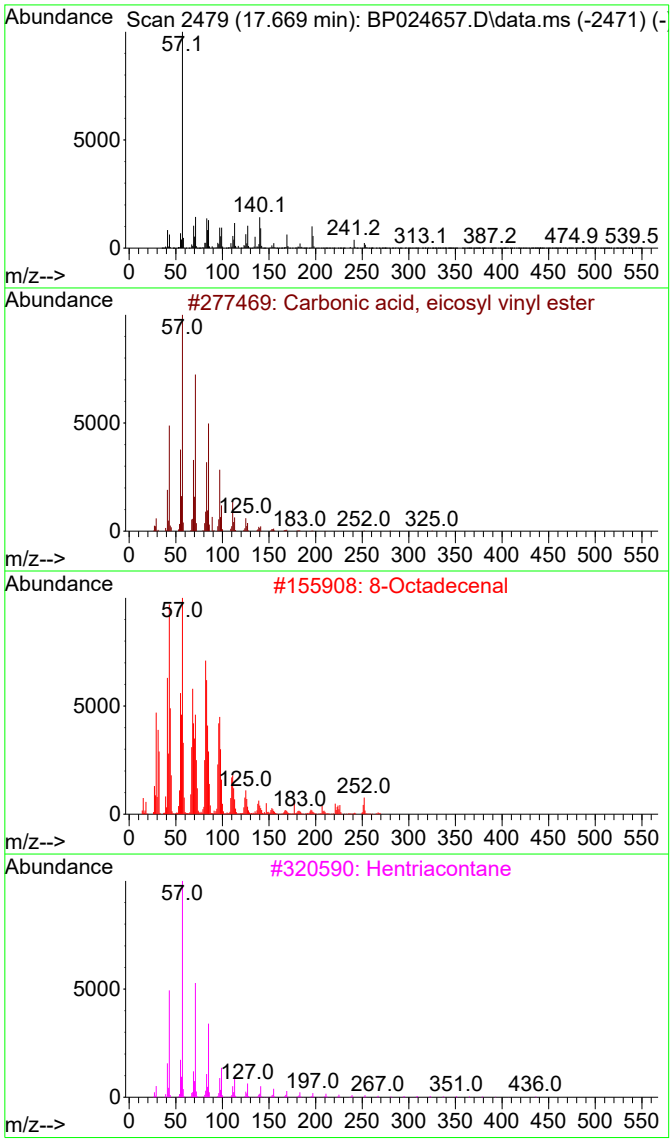
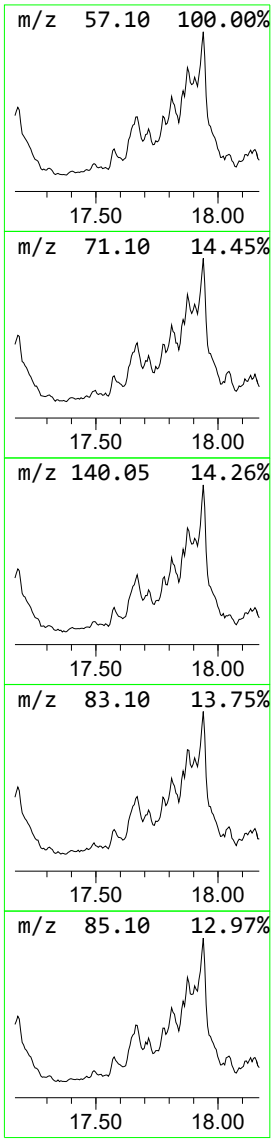
Peak Number 4 8-Octadecenal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.669	8.96 ng	5033320	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	59
2	8-Octadecenal	266	C18H34O	056554-94-0	53
3	Hentriacontane	437	C31H64	000630-04-6	43
4	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	43
5	Hexacosane	366	C26H54	000630-01-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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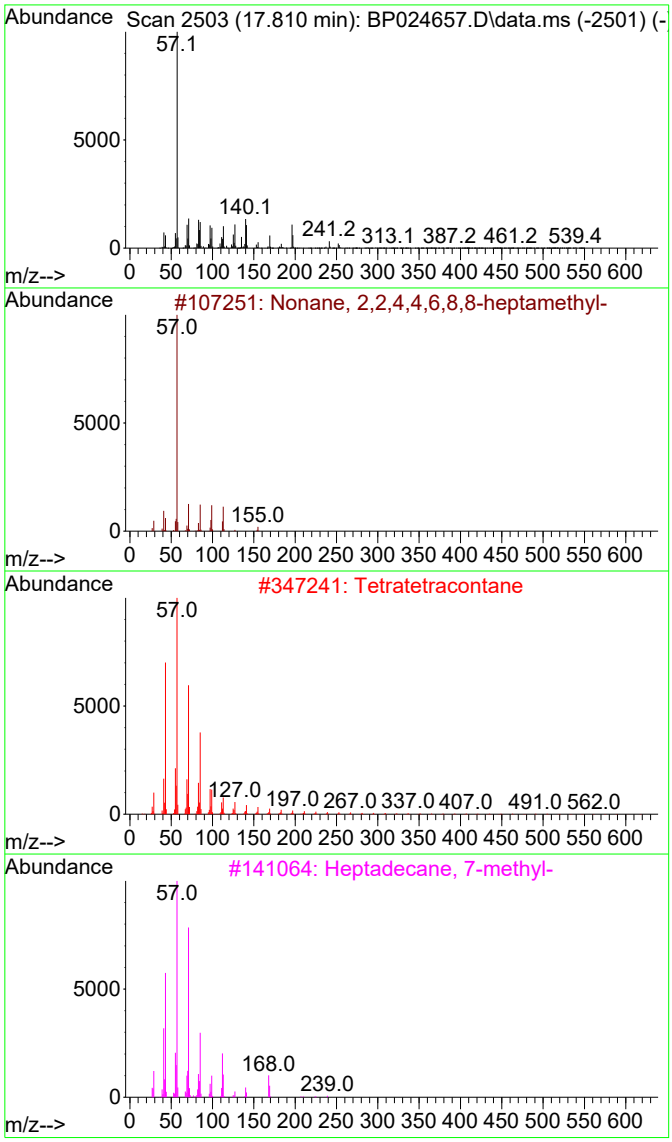
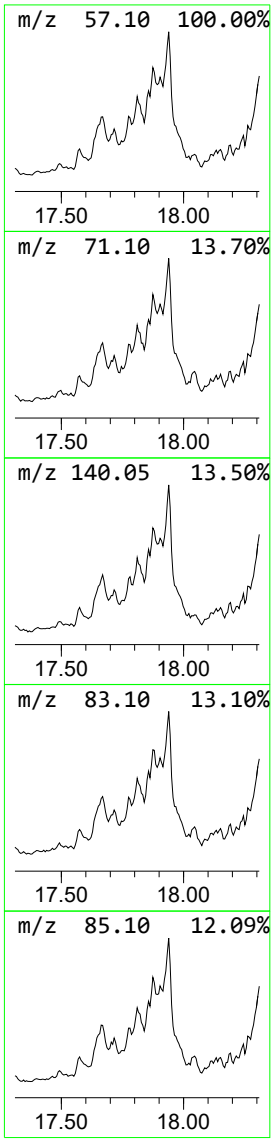
Peak Number 5 unknown17.810 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.810	2.70 ng	1518560	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	43
2	Tetratetracontane	619	C44H90	007098-22-8	43
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	43
4	Dodecyl nonyl ether	312	C21H44O	1000406-37-5	43
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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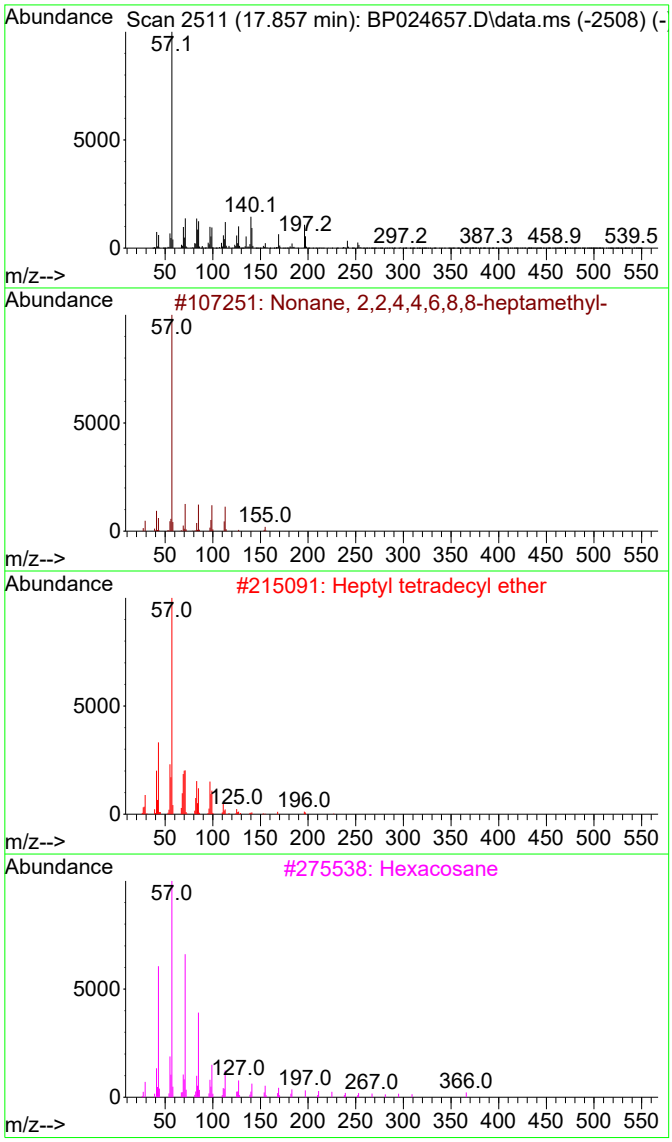
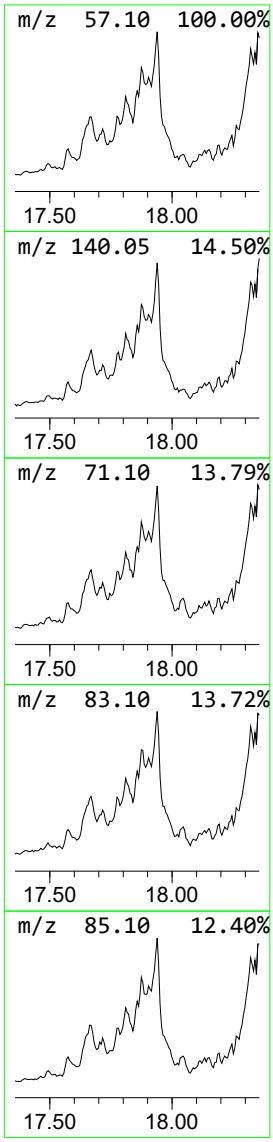
Peak Number 6 unknown17.857 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.857	2.50 ng	1406360	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	43
2	Heptyl tetradecyl ether	312	C21H44O	1000406-39-3	43
3	Hexacosane	366	C26H54	000630-01-3	43
4	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	38
5	Dodecyl heptyl ether	284	C19H40O	1010406-39-2	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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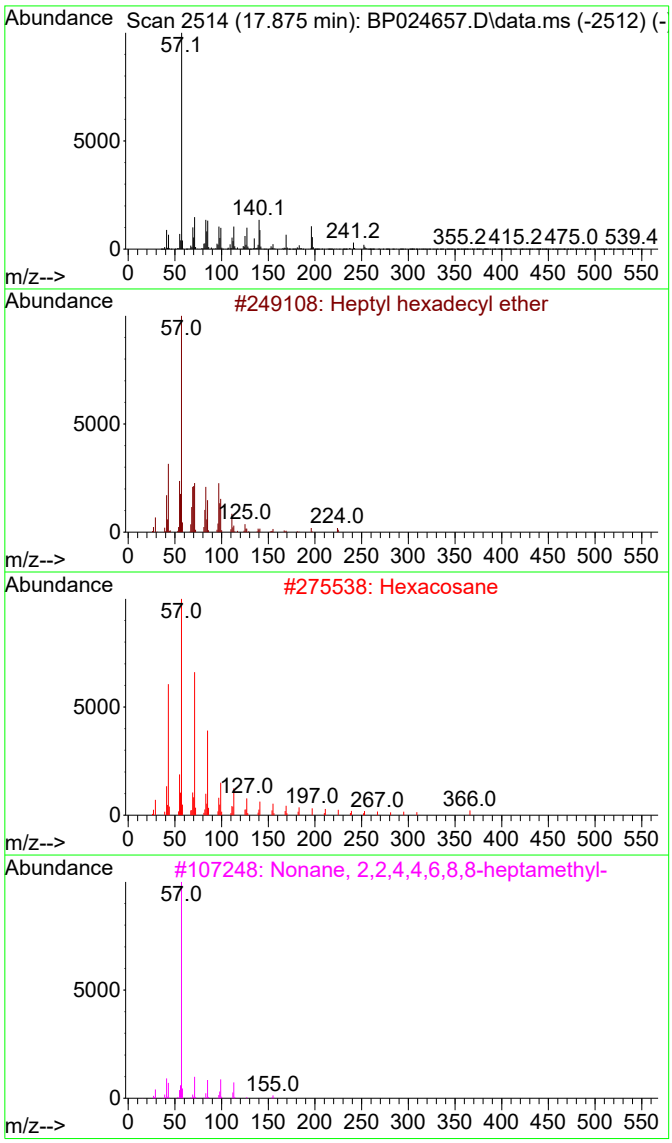
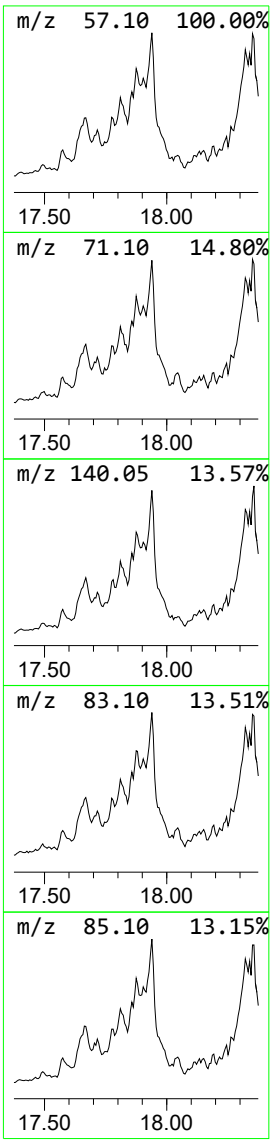
Peak Number 7 unknown17.875 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.875	2.67 ng	1497550	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptyl hexadecyl ether	340	C23H48O	1000406-39-4	38
2	Hexacosane	366	C26H54	000630-01-3	38
3	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	38
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	35
5	Carbonic acid, hexadecyl isobuty...	342	C21H42O3	1010314-61-3	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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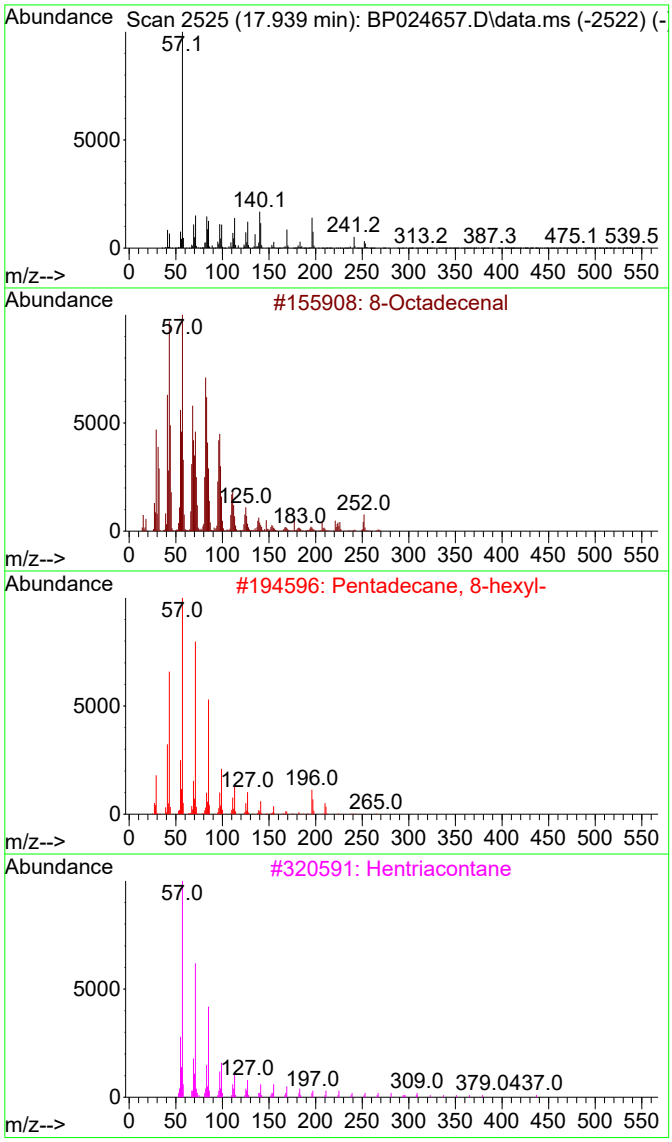
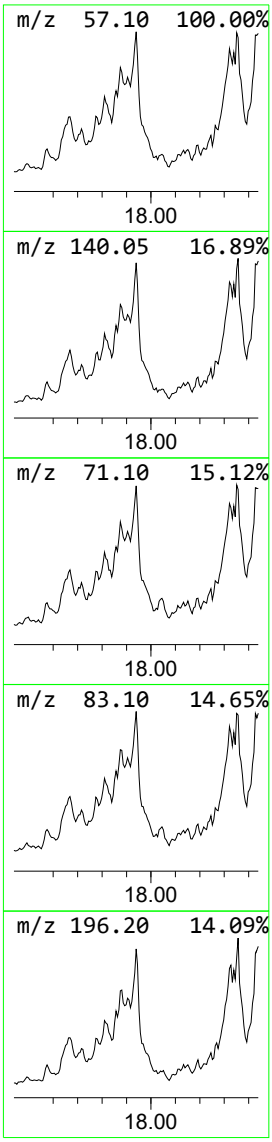
Peak Number 8 Pentadecane, 8-hexyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	19.79 ng	11113000	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenal	266	C18H34O	056554-94-0	53
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	50
3	Hentriacontane	437	C31H64	000630-04-6	47
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	47
5	Pentacosane	352	C25H52	000629-99-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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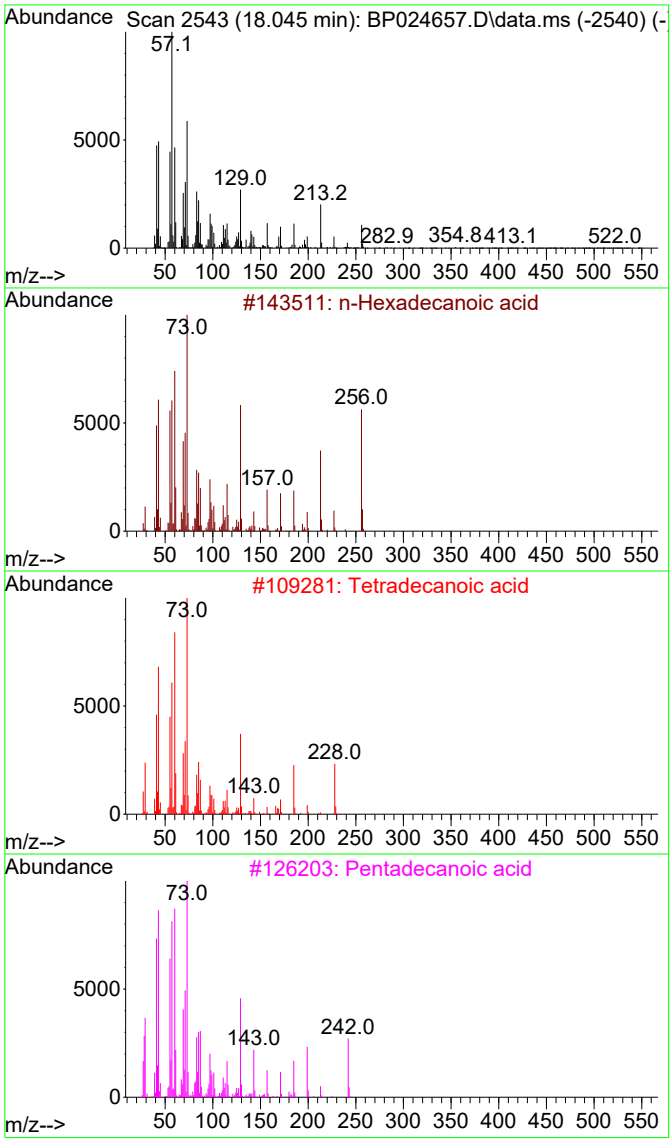
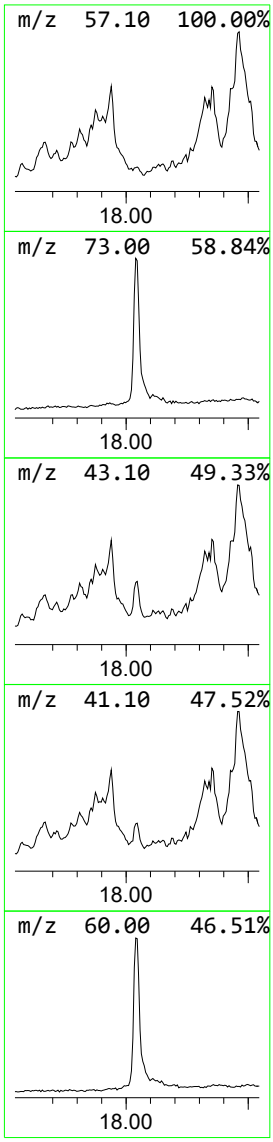
Peak Number 9 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	2.69 ng	1513180	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	30





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Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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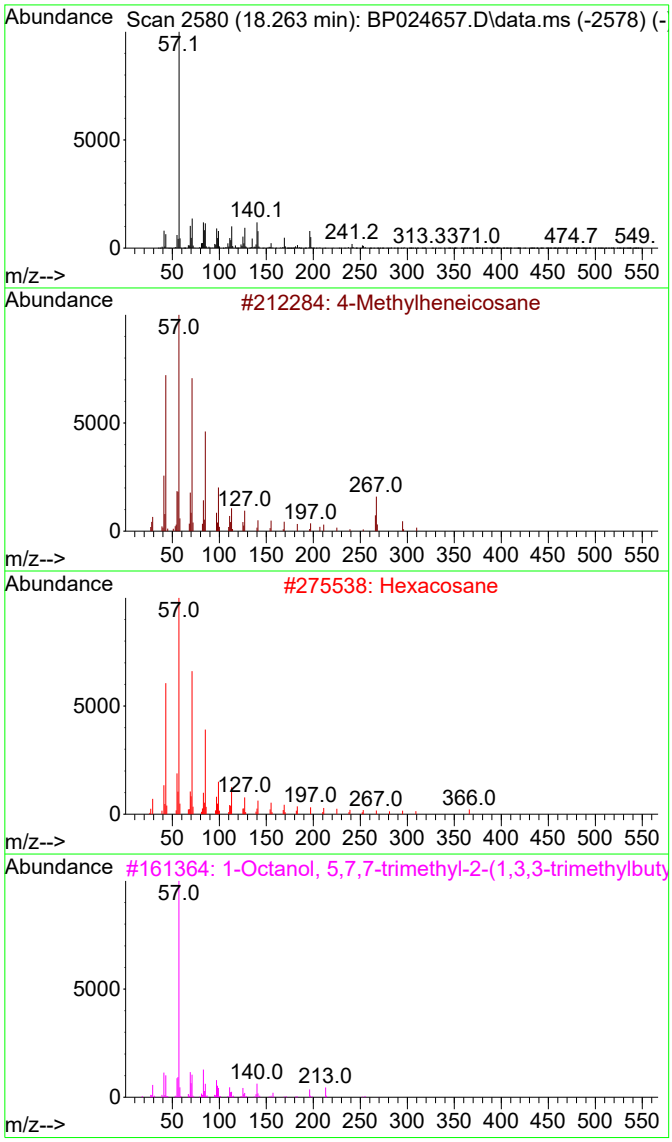
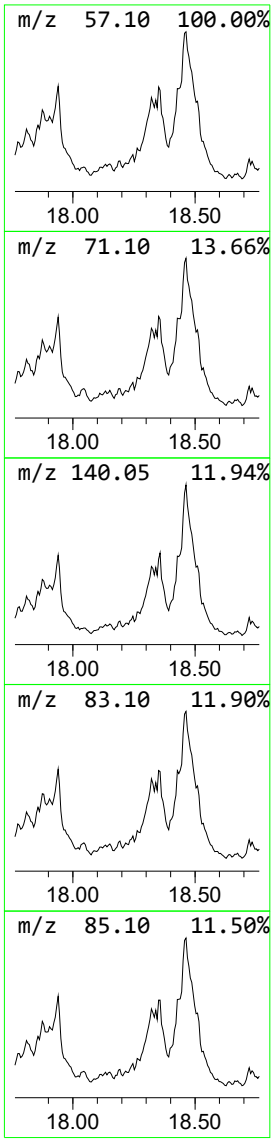
Peak Number 10 4-Methylheneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.263	2.92 ng	1637930	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylheneicosane	310	C22H46	025117-29-7	50
2	Hexacosane	366	C26H54	000630-01-3	47
3	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	47
4	Dodecyl nonyl ether	312	C21H44O	1000406-37-5	47
5	Decyl heptyl ether	256	C17H36O	1000406-39-1	43





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Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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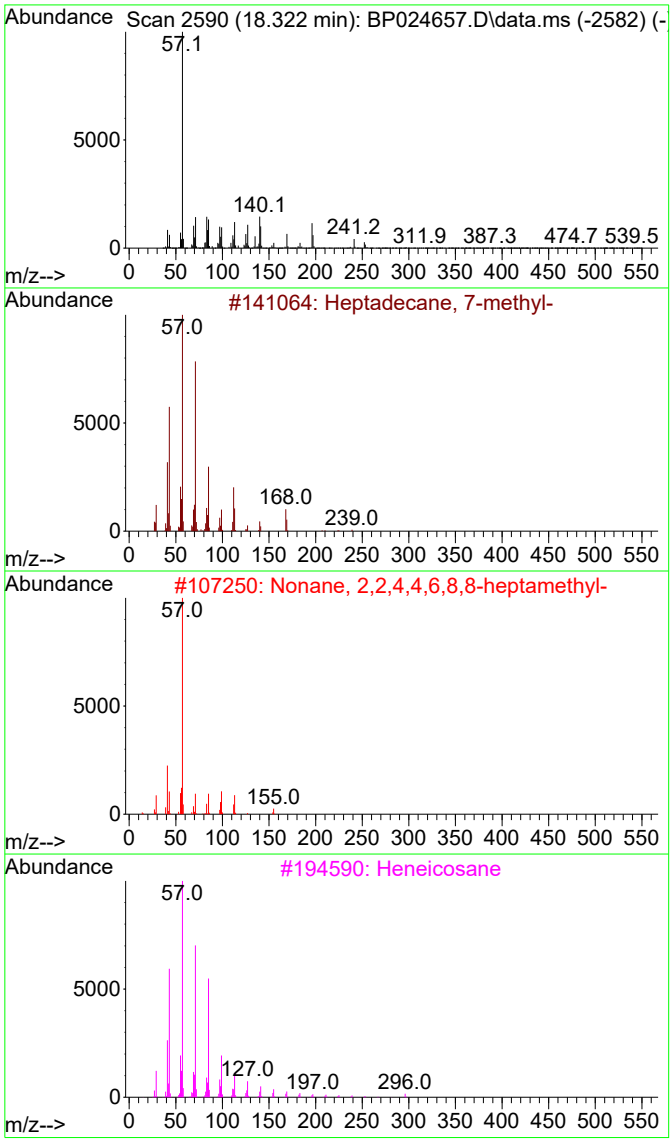
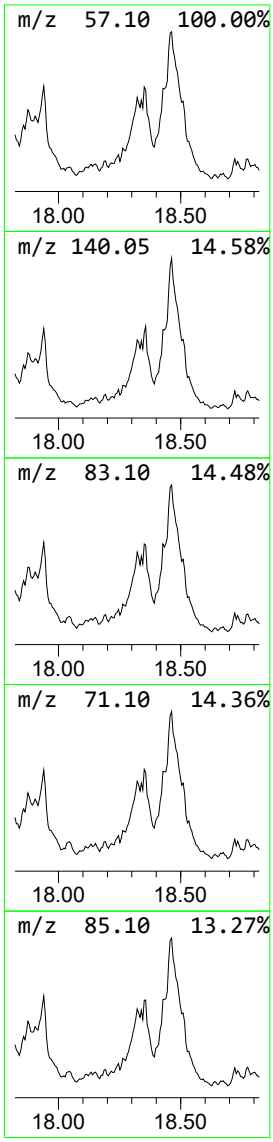
Peak Number 11 unknown18.322 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.322	21.22 ng	11917900	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	43
2	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	38
3	Heneicosane	296	C21H44	000629-94-7	38
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	30
5	Octanoic acid, 2-propenyl ester	184	C11H20O2	004230-97-1	30





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Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-3-20250508-A

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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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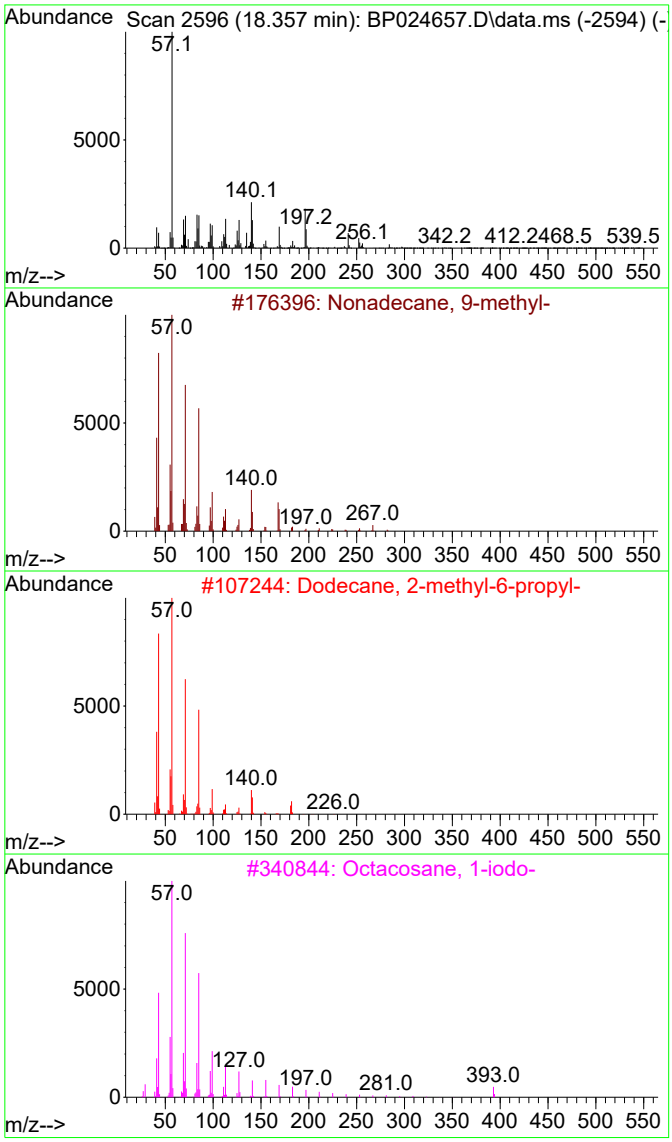
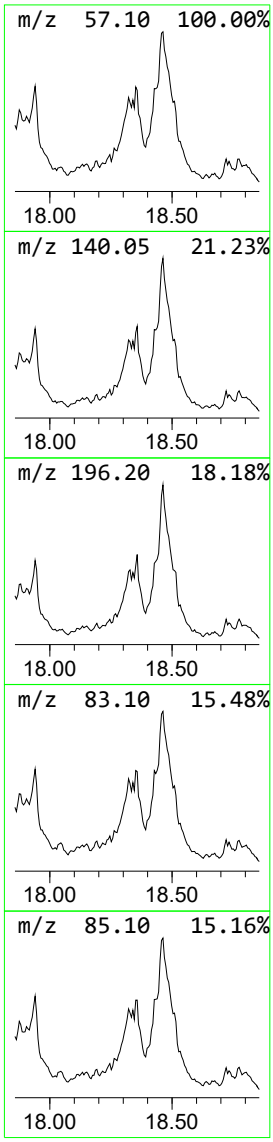
Peak Number 12 Nonadecane, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.357	17.84 ng	10021900	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	50
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	38
3	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	38
4	Carbonic acid, decyl 2-ethylhexy...	314	C19H38O3	1000383-13-7	27
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	25





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Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

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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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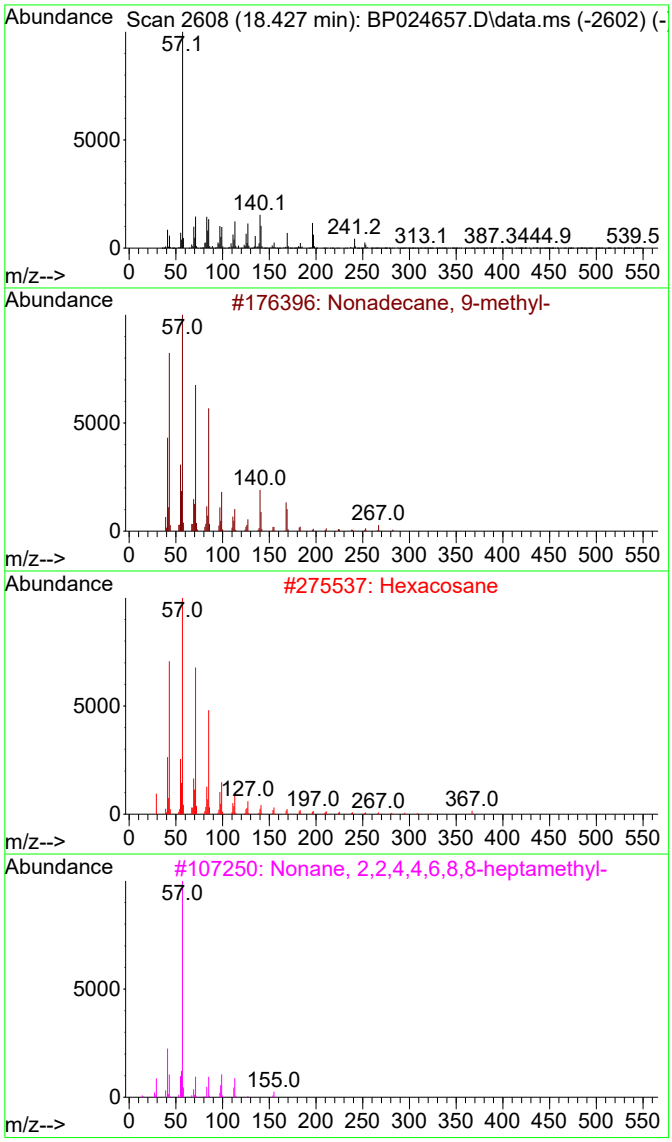
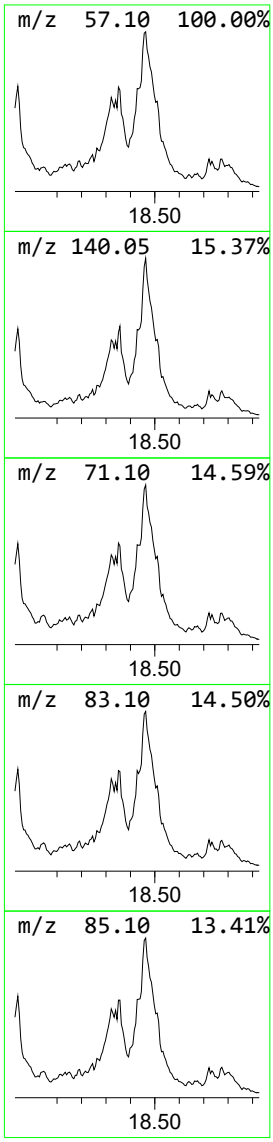
Peak Number 13 unknown18.427 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.427	16.51 ng	9274340	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	47
2	Hexacosane	366	C26H54	000630-01-3	43
3	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	38
4	Carbonic acid, dodecyl prop-1-en...	270	C16H30O3	1000382-90-7	38
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	38





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Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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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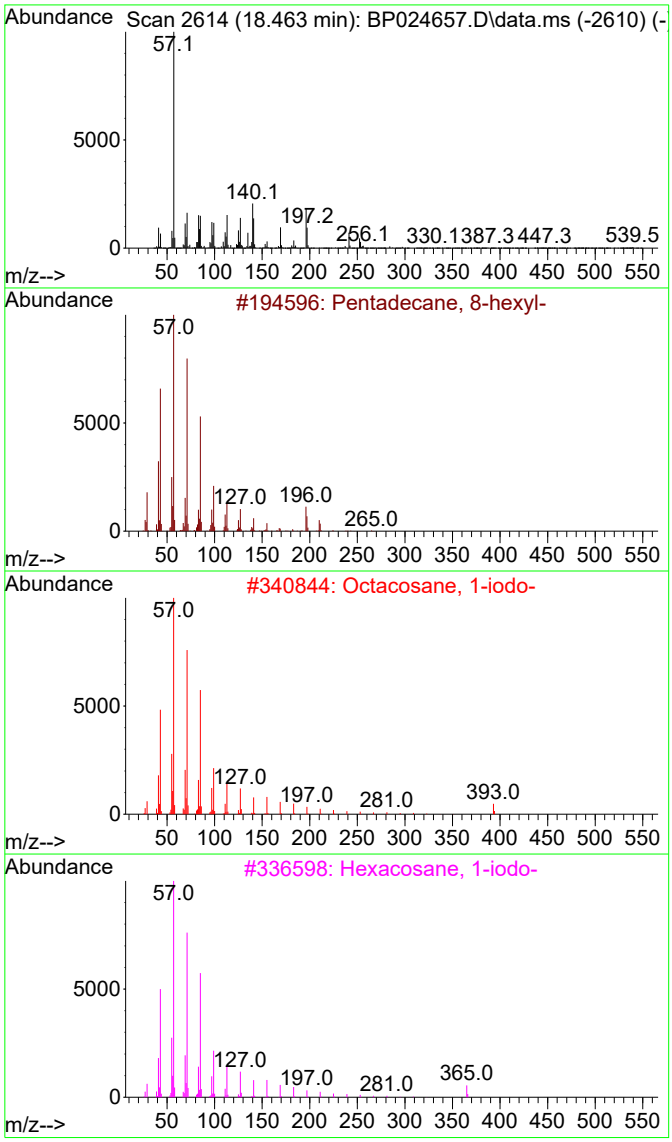
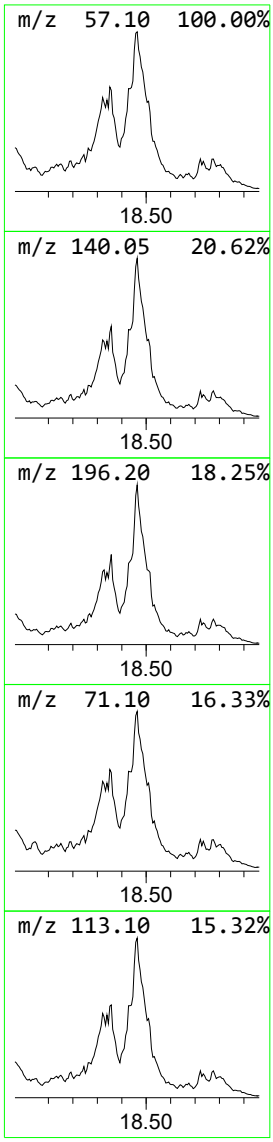
Peak Number 14 unknown18.463 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	69.02 ng	38764900	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	35
2	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	27
3	Hexacosane, 1-iodo-	492	C26H53I	1000406-32-1	27
4	Triacontane, 1-iodo-	548	C30H61I	1000406-32-3	27
5	Hentriacontane	437	C31H64	000630-04-6	22





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Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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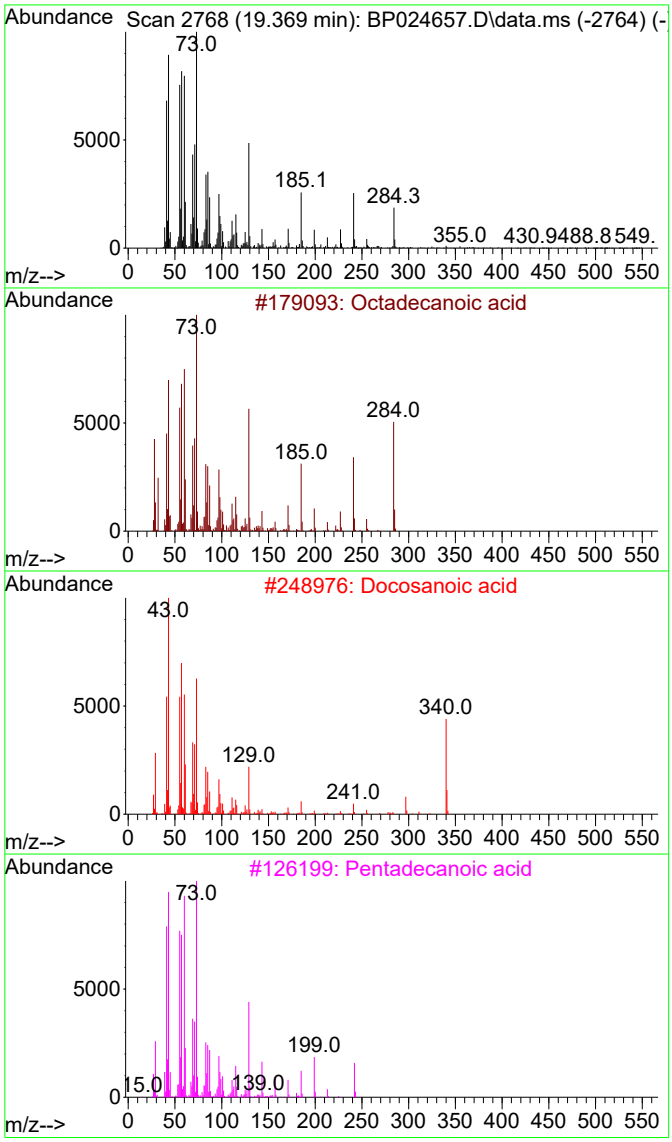
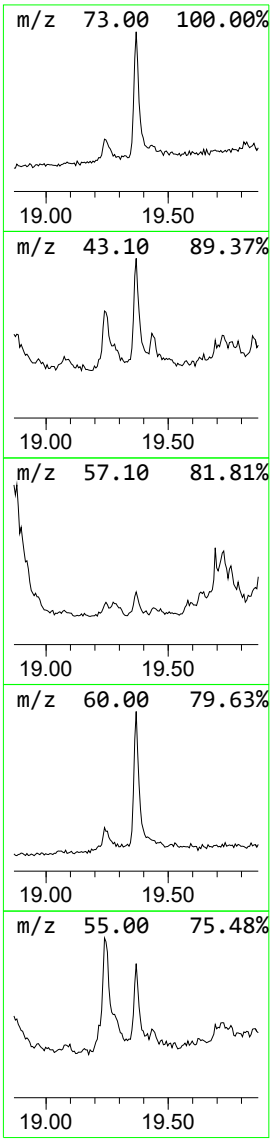
Peak Number 15 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.369	4.58 ng	518587	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Docosanoic acid	340	C22H44O2	000112-85-6	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





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Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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BNA_P
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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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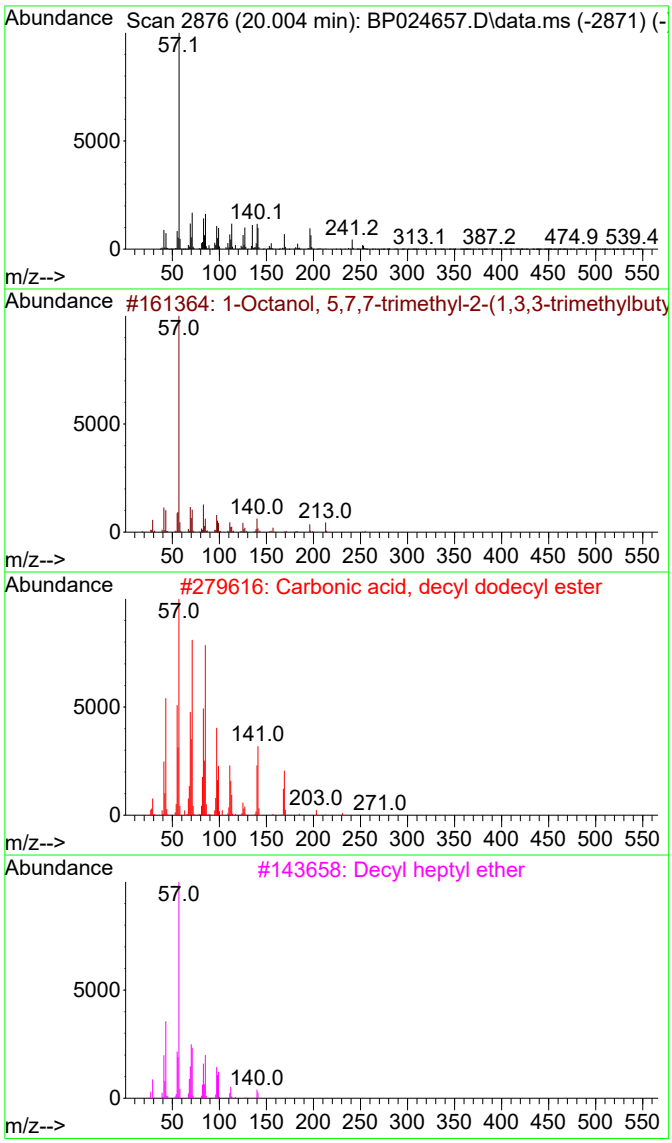
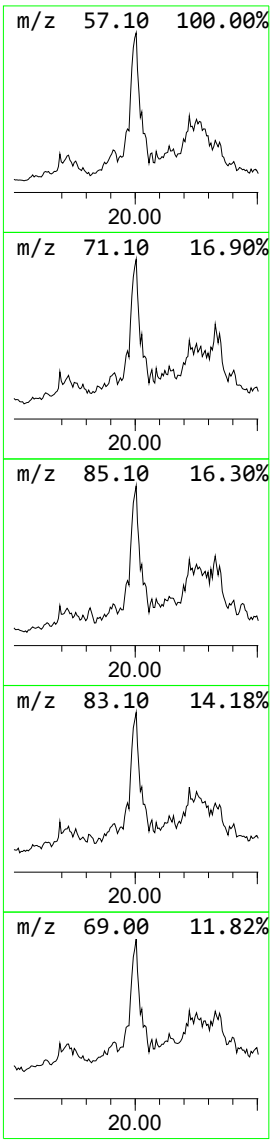
Peak Number 16 unknown20.004 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.004	21.76 ng	2462810	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	46
2	Carbonic acid, decyl dodecyl ester	370	C23H46O3	1000383-16-1	38
3	Decyl heptyl ether	256	C17H36O	1000406-39-1	38
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	30
5	Carbonic acid, decyl tridecyl ester	384	C24H48O3	1000383-16-2	30





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Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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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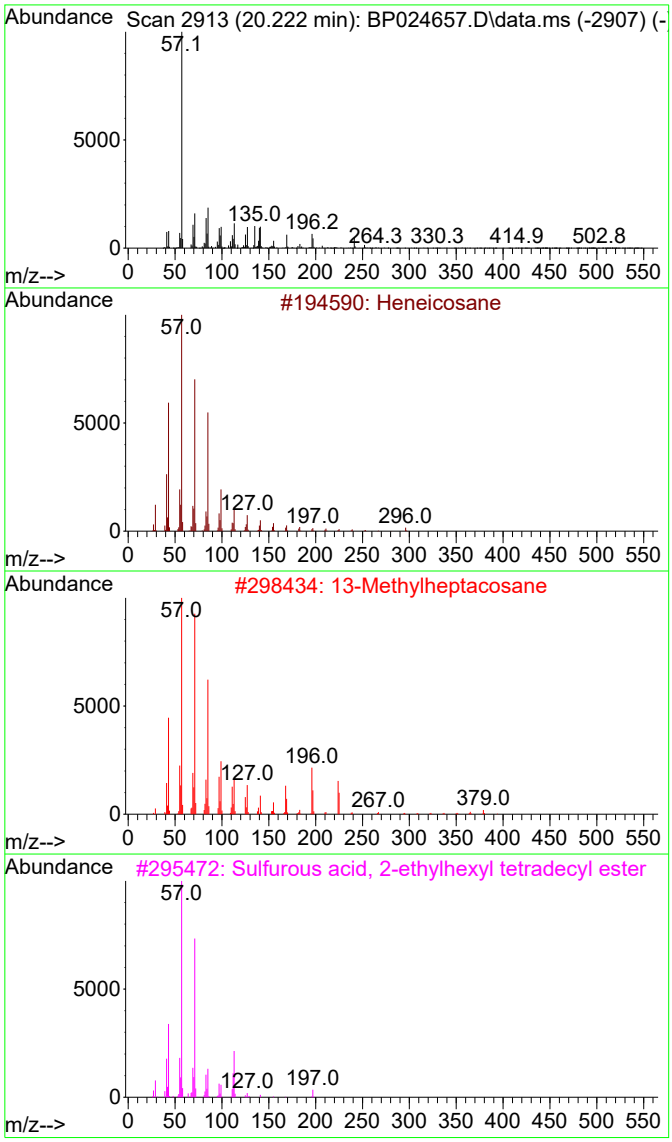
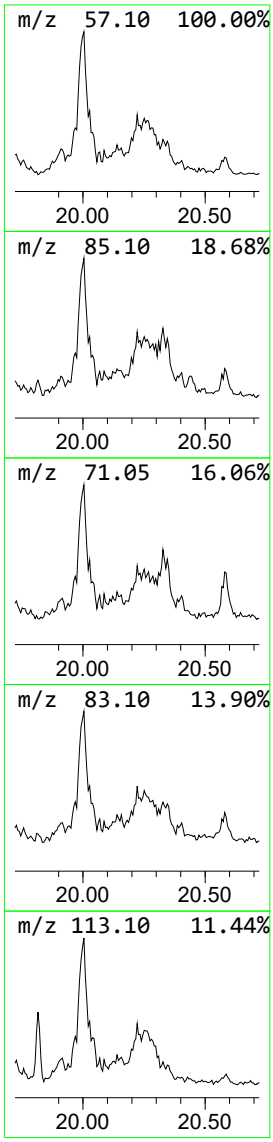
Peak Number 17 unknown20.221 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.221	6.78 ng	767351	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	43
2	13-Methylheptacosane	394	C28H58	015689-72-2	43
3	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	38
4	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	38
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	38





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Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-3-20250508-A

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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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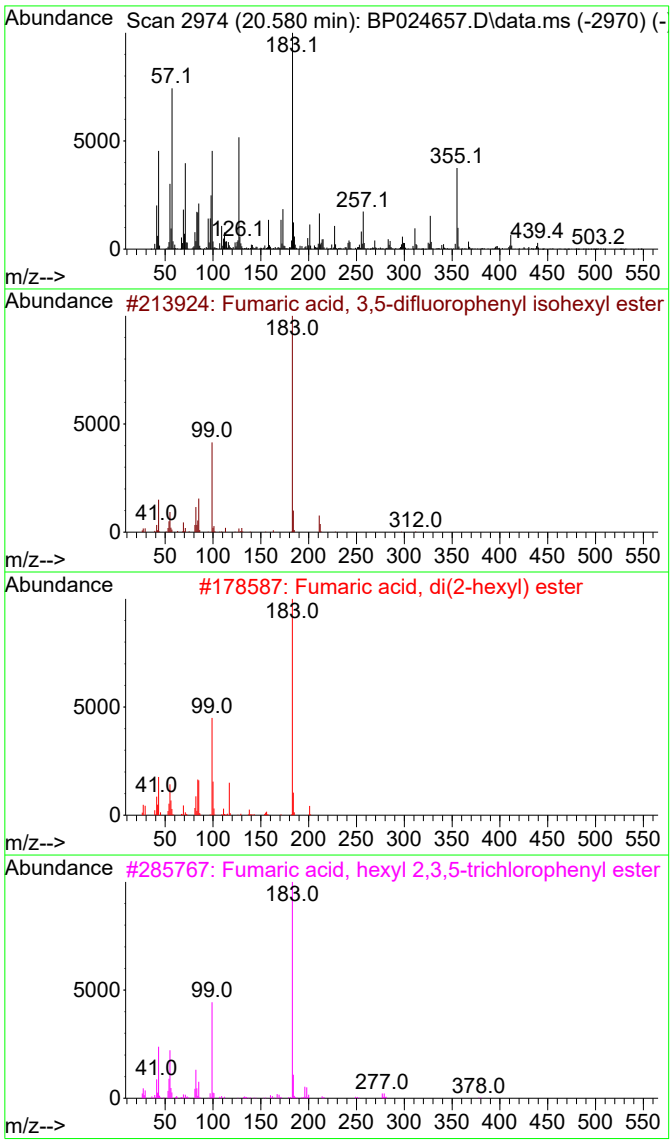
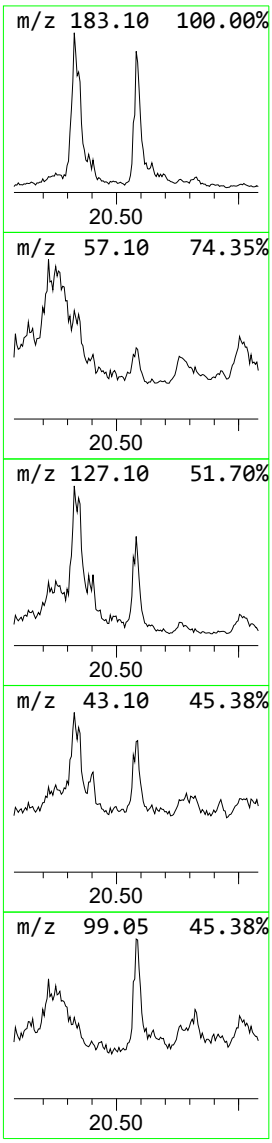
Peak Number 18 Fumaric acid, 3,5-difluorop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.580	9.41 ng	1065050	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 3,5-difluorophenyl...	312	C16H18F2O4	1000339-37-2	55
2	Fumaric acid, di(2-hexyl) ester	284	C16H28O4	1000348-75-8	38
3	Fumaric acid, hexyl 2,3,5-trichl...	378	C16H17Cl3O4	1000348-14-5	38
4	{[3-(ethylsulfanyl)propyl]sulfan...	212	C11H16S2	004911-42-6	38
5	Fumaric acid, 2-formylphenyl iso...	304	C17H20O5	1000344-88-8	38





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Sample : Q1993-04
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ALS Vial : 8 Sample Multiplier: 1

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MW-3-20250508-A

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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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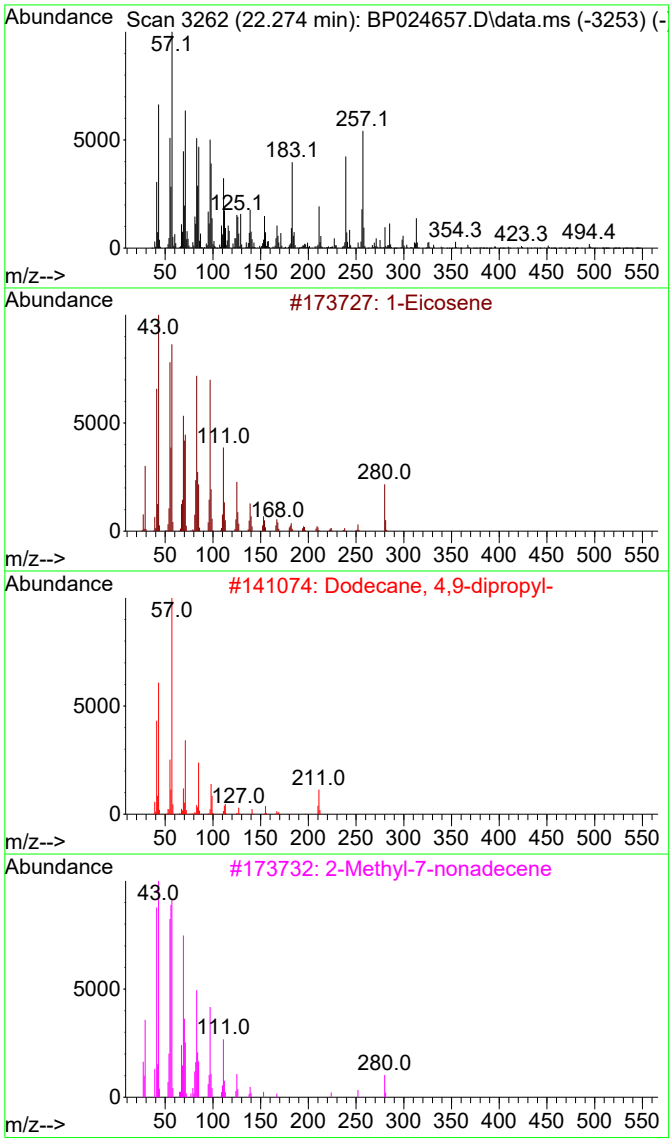
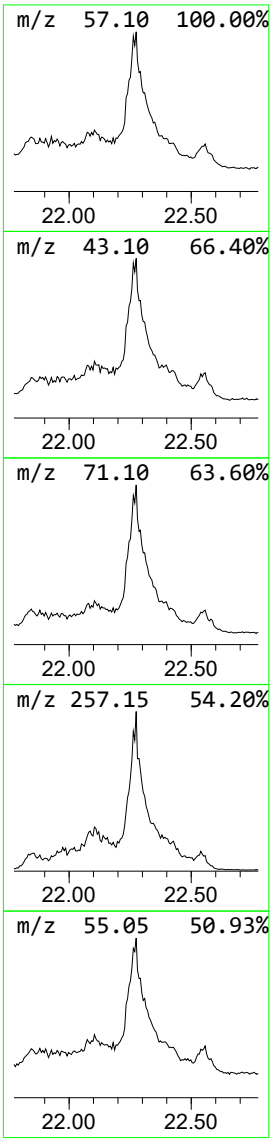
Peak Number 19 unknown22.274 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.274	80.36 ng	9095260	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	35
2	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	20
3	2-Methyl-7-nonadecene	280	C20H40	219750-68-2	20
4	2-Octyldodecyl isobutyrate	368	C24H48O2	1000368-55-5	20
5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	15





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Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

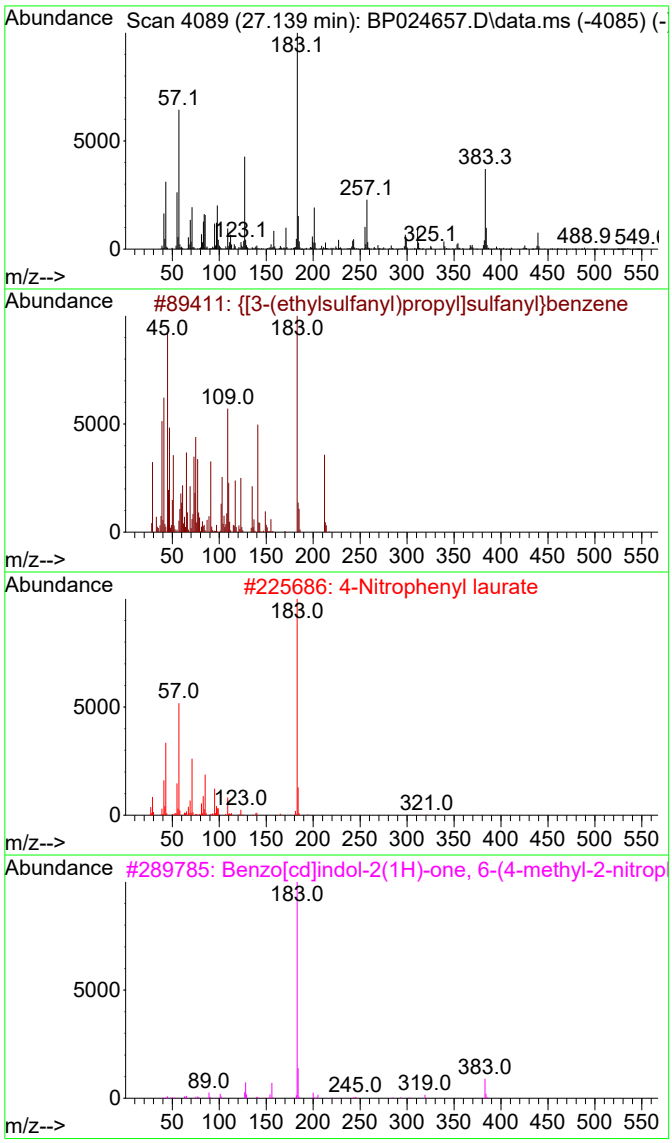
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

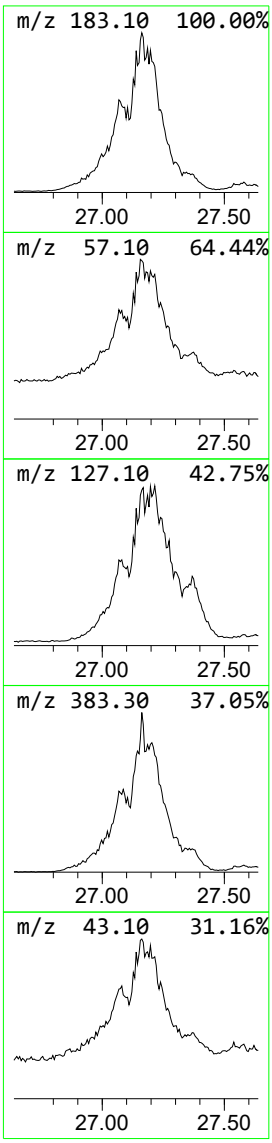
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 {[3-(ethylsulfanyl)propyl]s... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.139	3.86 ng	504860	Perylene-d12	24.821

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	{[3-(ethylsulfanyl)propyl]sulfan...	212	C11H16S2	004911-42-6	74
2	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	51
3	Benzo[cd]indol-2(1H)-one, 6-(4-m...	383	C18H13N3O5S	327043-60-7	38
4	2-(3-Bromobenzyl)-3-(3-bromophen...	438	C18H16Br2O3	1000202-01-4	38
5	Lauric anhydride	382	C24H46O3	000645-66-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024657.D
Acq On : 16 May 2025 14:55
Operator : RC/JU
Sample : Q1993-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-3-20250508-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.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
Dodecanoic acid	14.757	8.6	ng	668885	3	14.298	1552690	20.0
Dodecyl nonyl e...	16.022	4.0	ng	2265940	4	17.098	11232700	20.0
Carbonic acid, ...	17.575	3.5	ng	1953750	4	17.098	11232700	20.0
8-Octadecenal	17.669	9.0	ng	5033320	4	17.098	11232700	20.0
unknown17.810	17.810	2.7	ng	1518560	4	17.098	11232700	20.0
unknown17.857	17.857	2.5	ng	1406360	4	17.098	11232700	20.0
unknown17.875	17.875	2.7	ng	1497550	4	17.098	11232700	20.0
Pentadecane, 8-...	17.939	19.8	ng	11113000	4	17.098	11232700	20.0
n-Hexadecanoic ...	18.045	2.7	ng	1513180	4	17.098	11232700	20.0
4-Methylheneico...	18.263	2.9	ng	1637930	4	17.098	11232700	20.0
unknown18.322	18.322	21.2	ng	11917900	4	17.098	11232700	20.0
Nonadecane, 9-m...	18.357	17.8	ng	10021900	4	17.098	11232700	20.0
unknown18.427	18.427	16.5	ng	9274340	4	17.098	11232700	20.0
unknown18.463	18.463	69.0	ng	38764900	4	17.098	11232700	20.0
Octadecanoic acid	19.369	4.6	ng	518587	5	21.527	2263510	20.0
unknown20.004	20.004	21.8	ng	2462810	5	21.527	2263510	20.0
unknown20.221	20.221	6.8	ng	767351	5	21.527	2263510	20.0
Fumaric acid, 3...	20.580	9.4	ng	1065050	5	21.527	2263510	20.0
unknown22.274	22.274	80.4	ng	9095260	5	21.527	2263510	20.0
{[3-(ethylsulfa...	27.139	3.9	ng	504860	6	24.821	2617910	20.0