LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

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_G\Methods\8270-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055898.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.336	679	689	703	rBV	282546	552084	1.05%	0.369%
2	11.055	1317	1322	1329	rVB	462388	822567	1.56%	0.550%
3	12.647	1587	1593	1600	rVB	391542	621930	1.18%	0.416%
4	12.864	1623	1630	1639	rVB	315352	541274	1.03%	0.362%
5	13.428	1720	1726	1734	rVB	432791	667851	1.27%	0.447%
6	14.809	1956	1961	1966	rVV	323736	538371	1.02%	0.360%
7	14.874	1966	1972	1978	rVB	582512	942258	1.79%	0.630%
8	15.203	2022	2028	2035	rVB2	481671	831653	1.58%	0.556%
9	15.849	2132	2138	2149	rVB	899451	1467161	2.78%	0.981%
10	16.290	2208	2213	2220	rVB2	404123	719482	1.37%	0.481%
11	17.553	2422	2428	2431	rBV	365188	647669	1.23%	0.433%
12	17.606	2431	2437	2442	rVV	3495145	5984346	11.36%	4.001%
13	17.688	2442	2451	2456	rVV	1031330	1633216	3.10%	1.092%
14	17.958	2488	2497	2501	rBV	407829	776508	1.47%	0.519%
15	18.052	2509	2513	2521	rVV2	501291	665571	1.26%	0.445%
16	18.211	2530	2540	2544	rVV2	9898286	22648588	42.99%	15.144%
17	18.423	2571	2576	2579	rBV	639465	1090425	2.07%	0.729%
18	18.476	2579	2585	2592	rVB2	840318	1821696	3.46%	1.218%
19	18.622	2603	2610	2614	rBV2	865516	1723800	3.27%	1.153%
20	19.345	2722	2733	2742	rBV7	10088266	52685804	100.00%	35.227%
21	19.504	2755	2760	2764	rVB	8909137	12768387	24.23%	8.537%
22	19.562	2764	2770	2772	rBV	2066782	2709240	5.14%	1.811%
23	19.615	2772	2779	2784	rVB	3261844	6735498	12.78%	4.504%
24	19.974	2830	2840	2851	rBV2	1756116	5898157	11.19%	3.944%
25	20.156	2866	2871	2875	rVB2	871396	1162257	2.21%	0.777%
26	20.291	2890	2894	2900	rBV2	257089	550673	1.05%	0.368%
27	20.456	2913	2922	2930	rVB2	1278349	3039693	5.77%	2.032%
28	20.555	2934	2939	2943	rBV2	1763763	2229225	4.23%	1.491%
29	20.614	2943	2949	2953	rVV4	922441	1769376	3.36%	1.183%
30	20.661	2954	2957	2966	rVV2	592835	1281134	2.43%	0.857%
31	20.796	2976	2980	2989	rVB3	454485	917238	1.74%	0.613%
32	20.873	2989	2993	2997	rBV3	350155	541870	1.03%	0.362%
33	21.219	3046	3052	3059	rVB3	463966	1028040	1.95%	0.687%
34	21.590	3111	3115	3125	rVB2	1069572	1573781	2.99%	1.052%
35	21.830	3150	3156	3163	rBV3	1504425	3418362	6.49%	2.286%
36	21.901	3163	3168	3179	rVB	1299579	2409462	4.57%	1.611%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

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_G\Methods\8270-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	22.823	3321	3325	3331	rVB3	370435	633701	1.20%	0.424%
38	24.151	3542	3551	3558	rBV3	581545	2185597	4.15%	1.461%
39	25.056	3699	3705	3715	rVB	473142	1325649	2.52%	0.886%

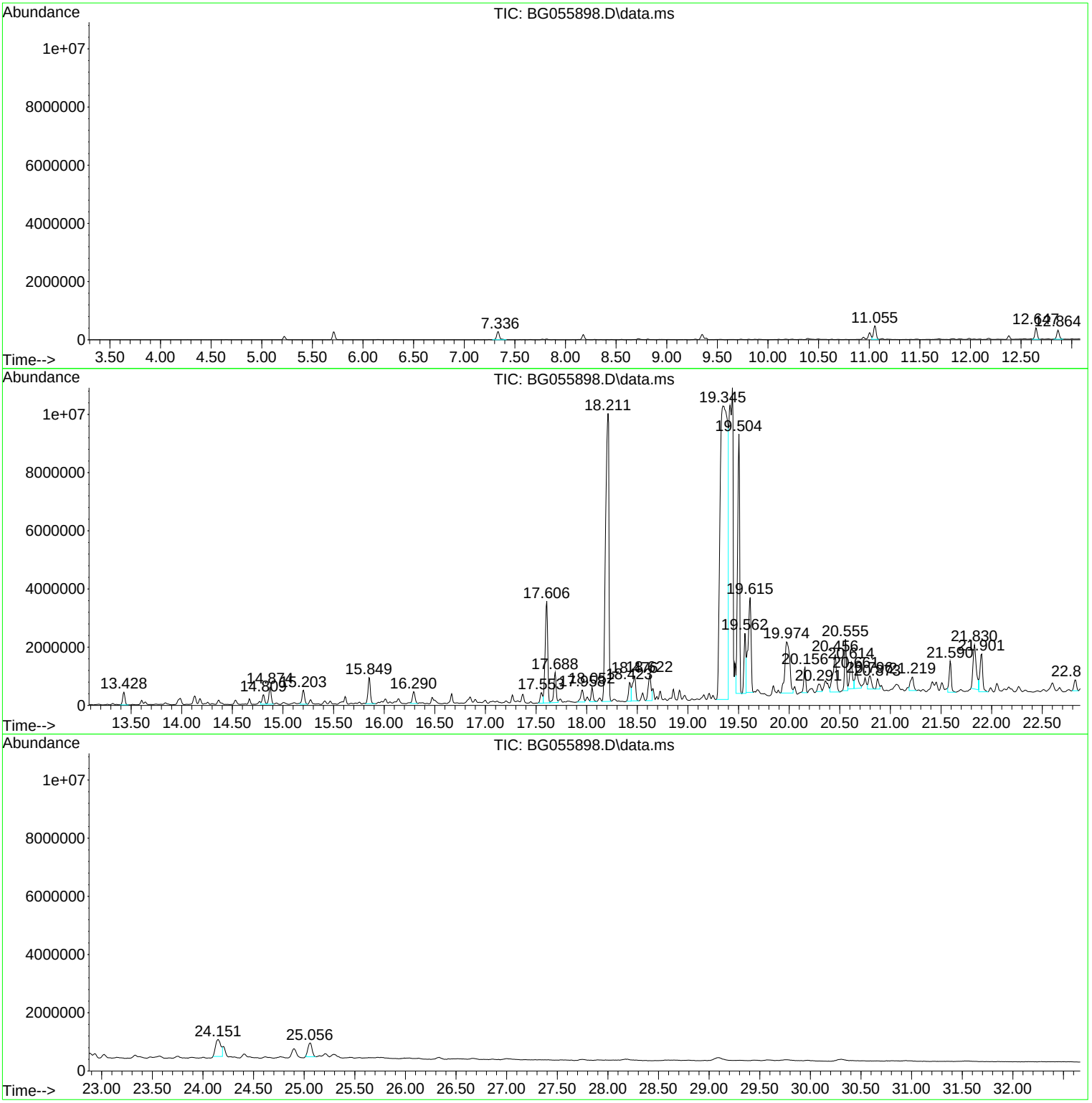
Sum of corrected areas: 149559594

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

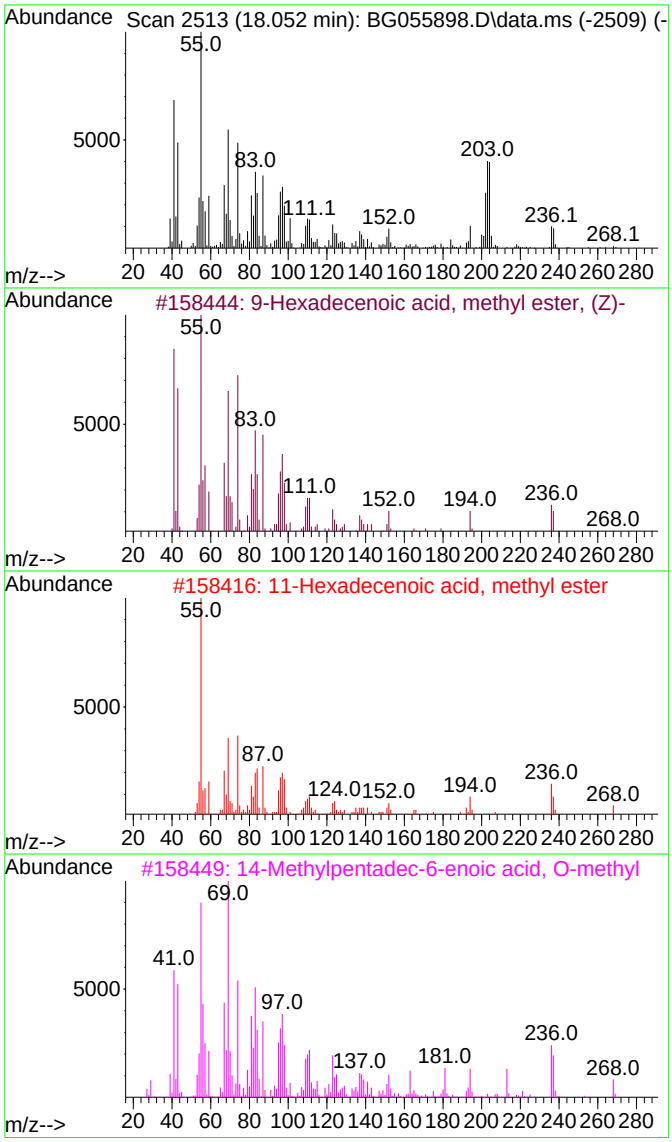
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

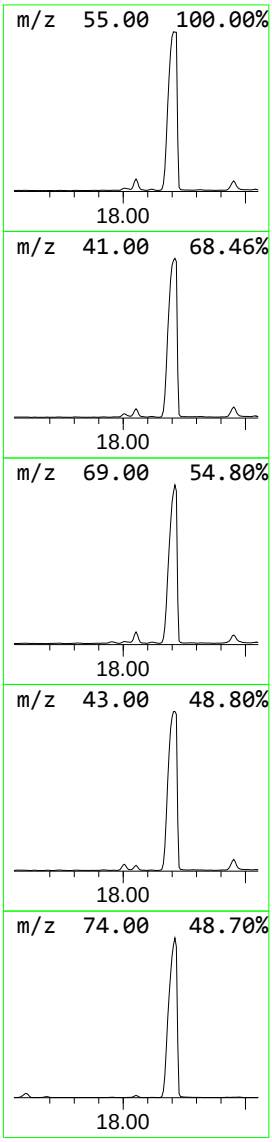
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 9-Hexadecenoic acid, methyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.052	20.55 ng	665571	Phenanthrene-d10	17.553

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	98
2	11-Hexadecenoic acid, methyl ester	268	C17H32O2	055000-42-5	87
3	14-Methylpentadec-6-enoic acid, ...	268	C17H32O2	1000505-98-4	86
4	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	50
5	(Z)-Methyl hexadec-11-enoate	268	C17H32O2	000822-05-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

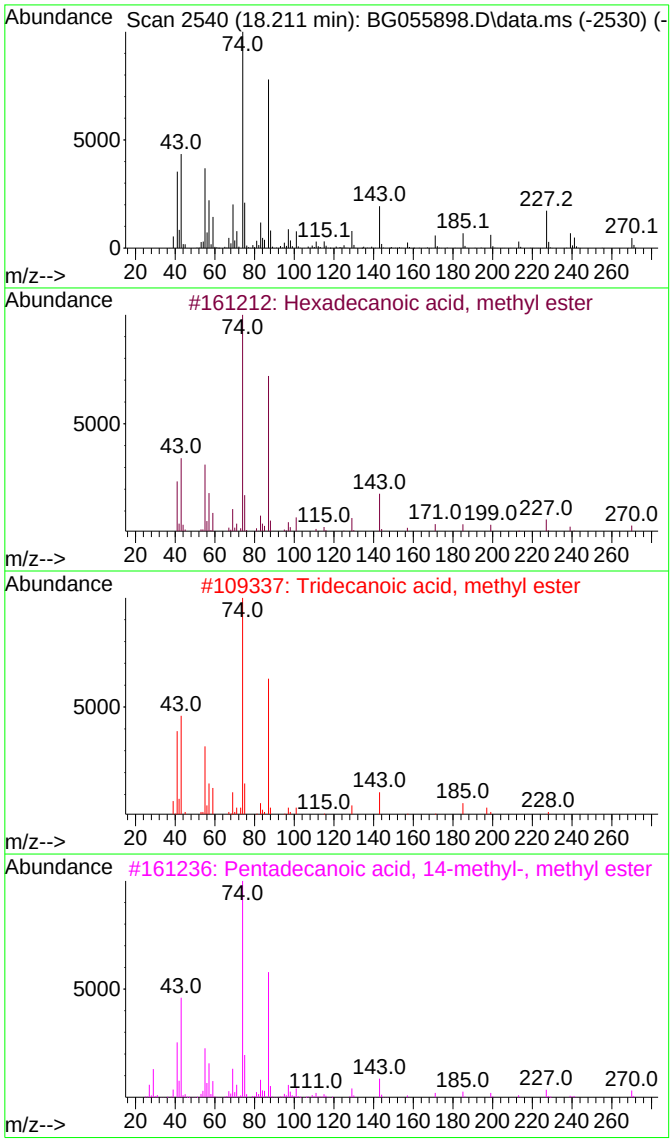
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

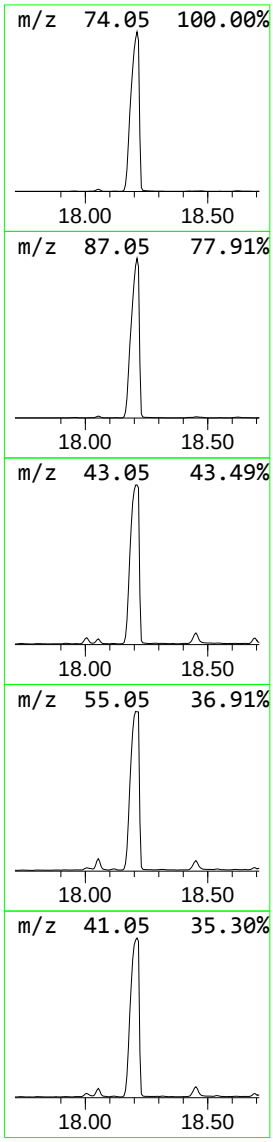
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.211	699.39 ng	22648600	Phenanthrene-d10	17.553

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	96
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	94
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

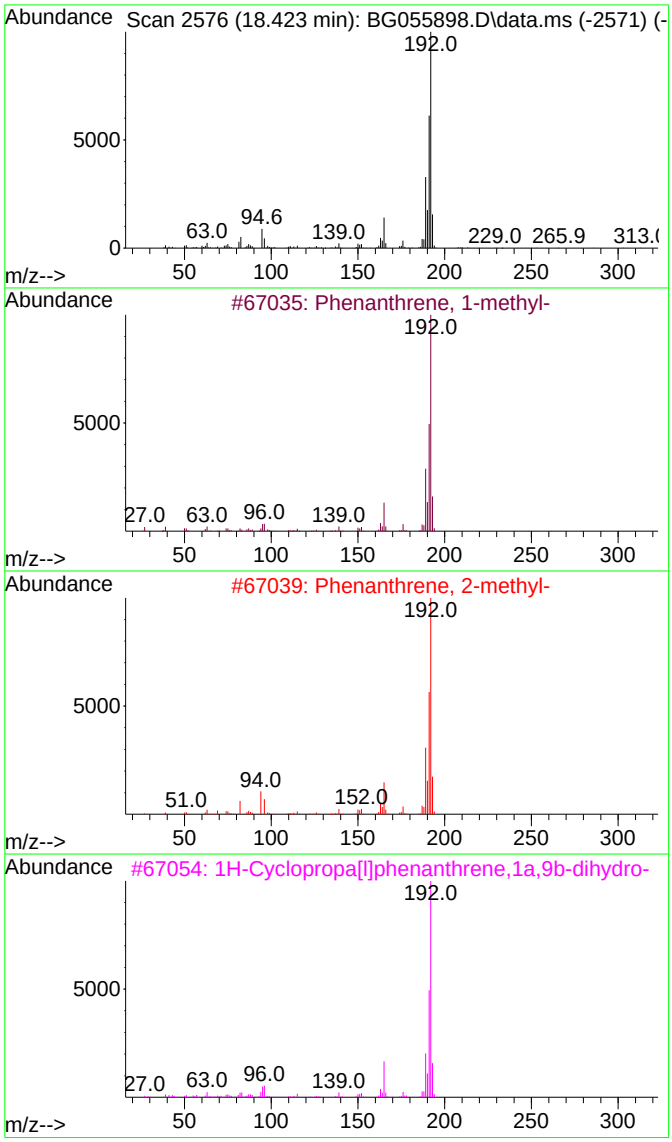
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

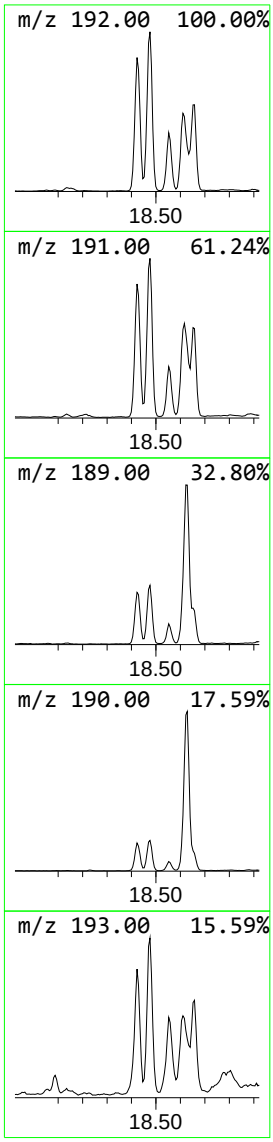
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.423	33.67 ng	1090430	Phenanthrene-d10	17.553

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

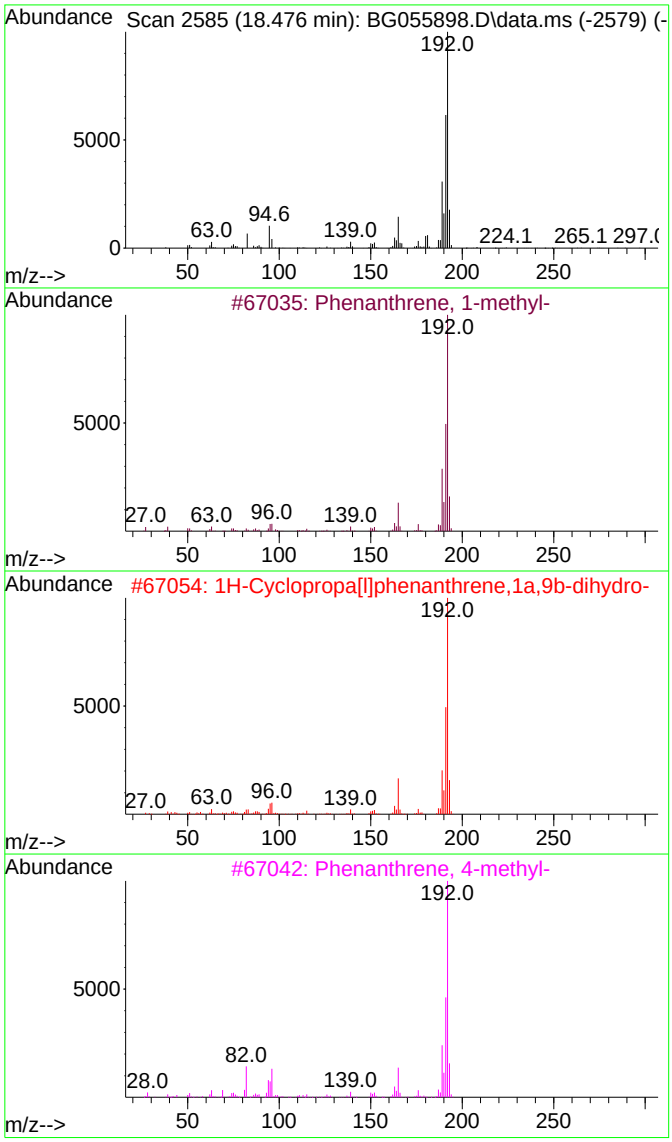
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

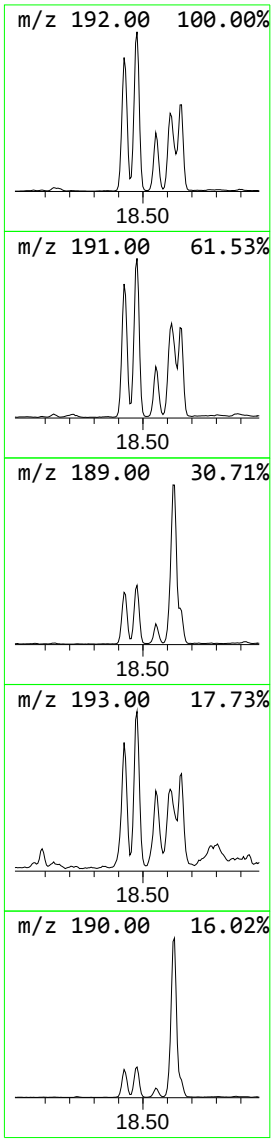
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.476	56.25 ng	1821700	Phenanthrene-d10	17.553

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

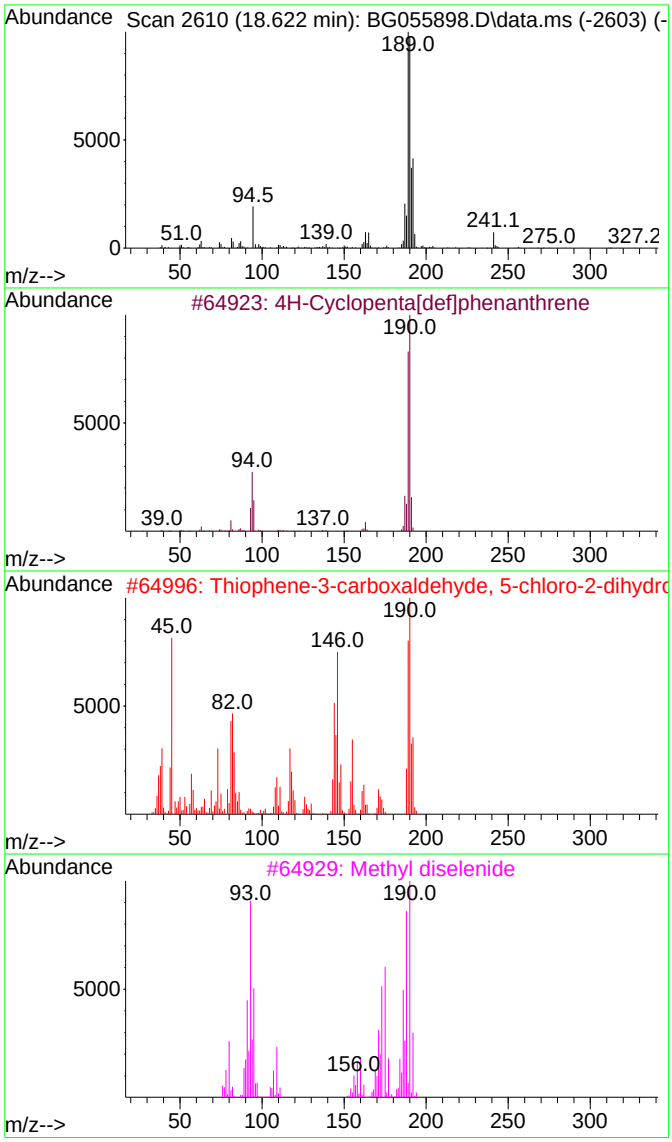
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

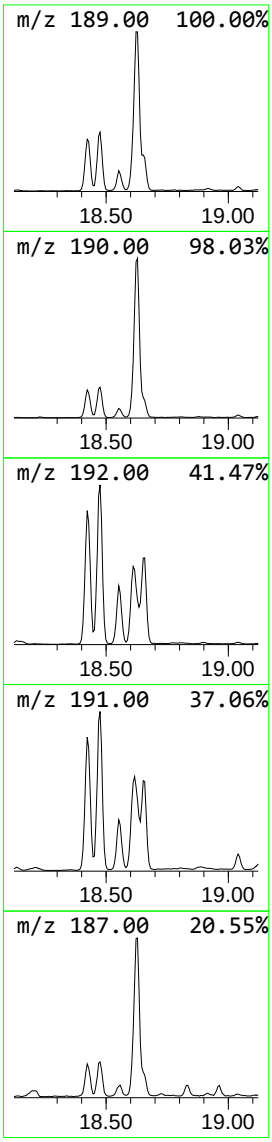
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.622	53.23 ng	1723800	Phenanthrene-d10	17.553

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

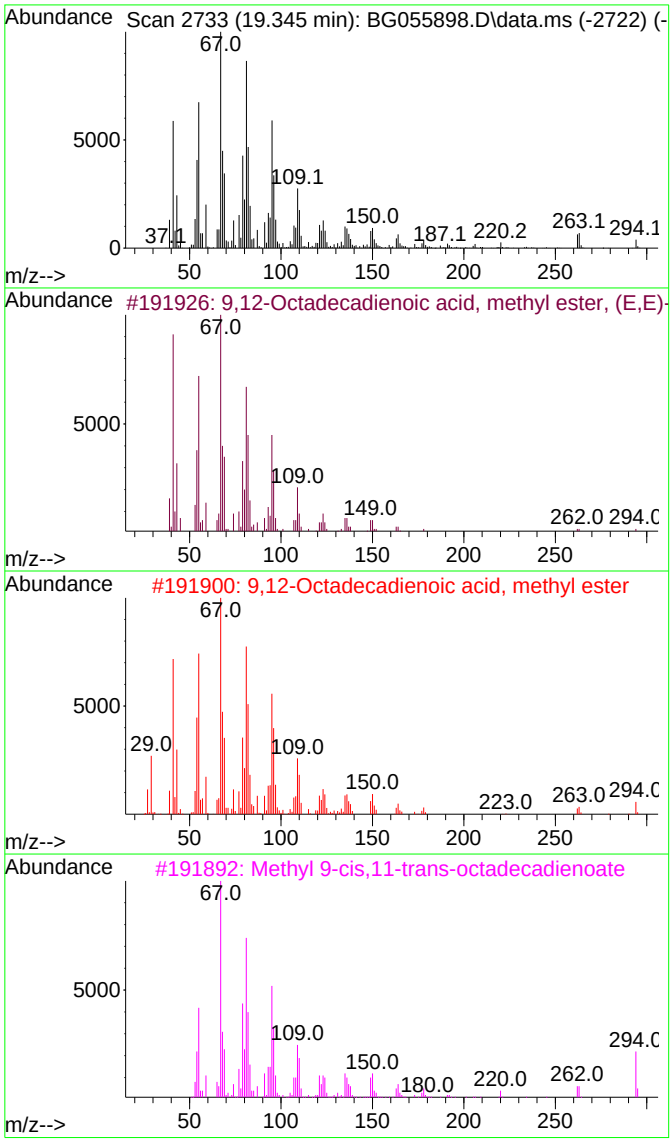
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

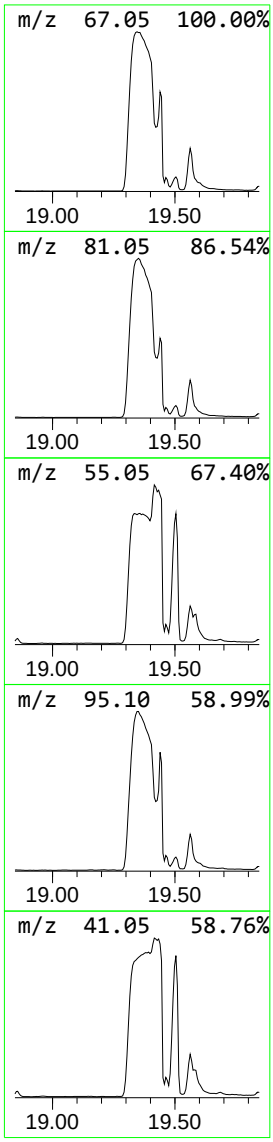
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.345	1626.94 ng	52685800	Phenanthrene-d10	17.553

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

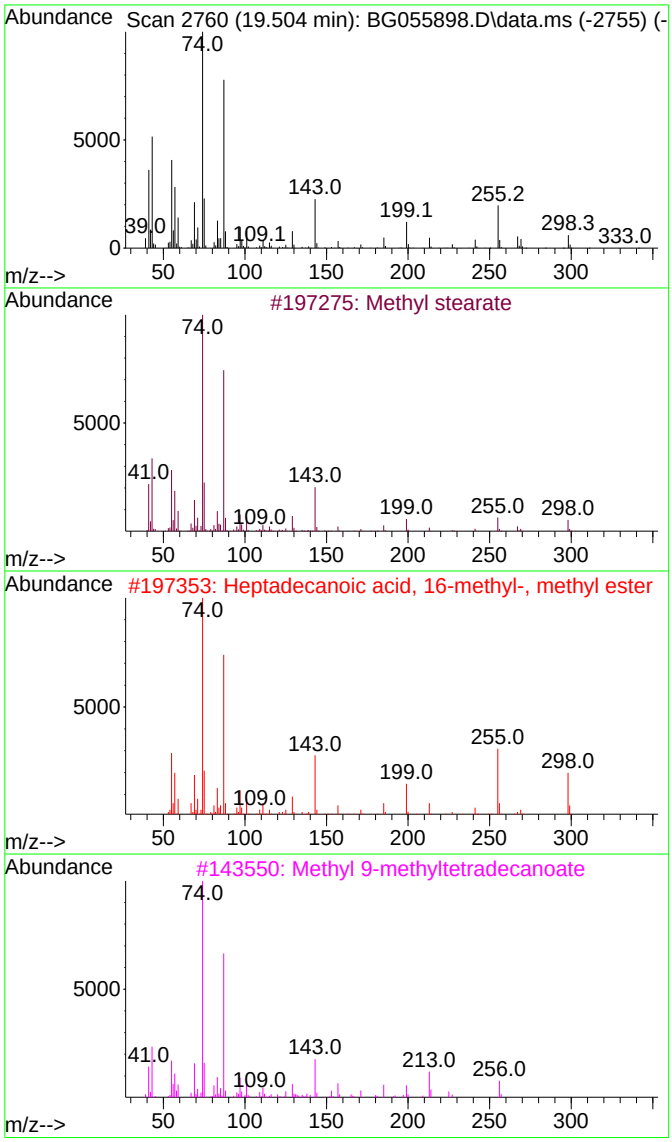
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

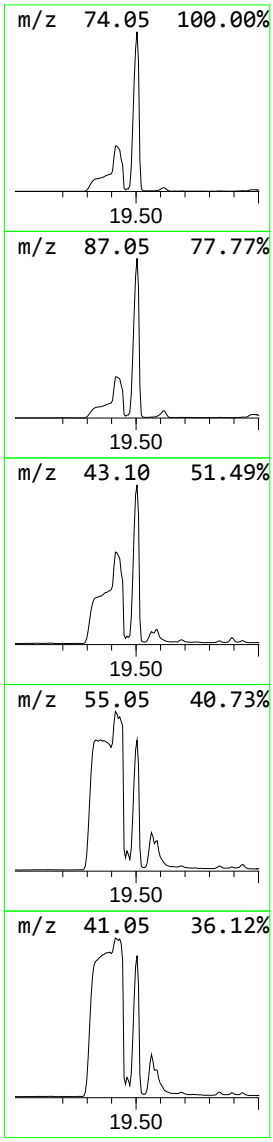
****

Peak Number 7 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.504	394.29 ng	12768400	Phenanthrene-d10	17.553

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3	Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	87
4	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

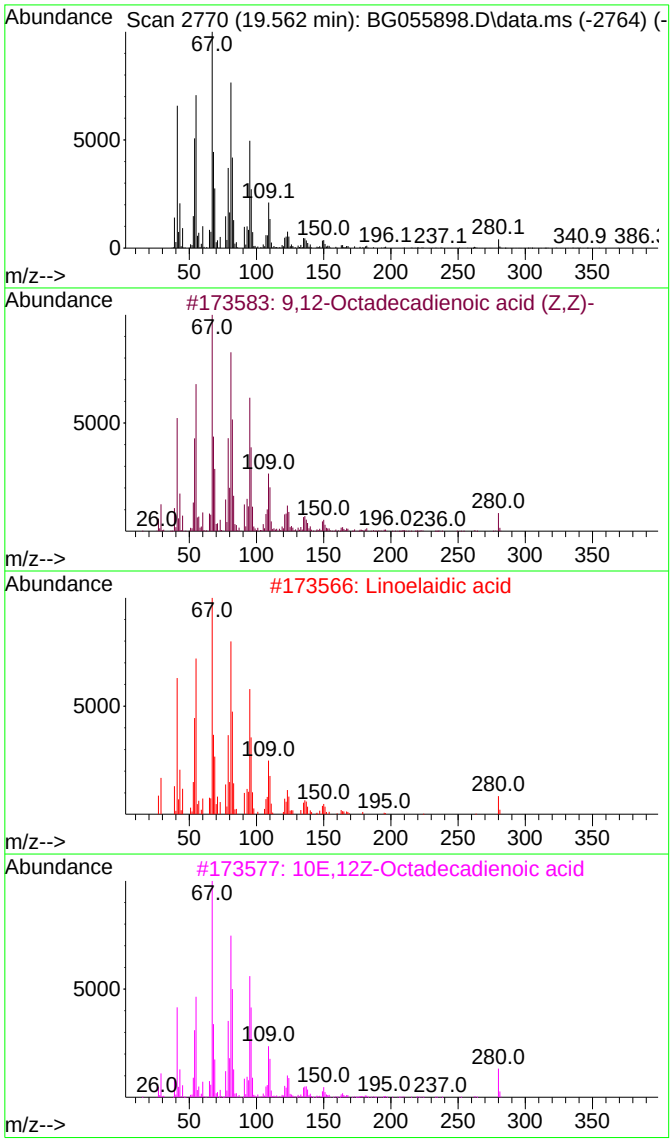
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

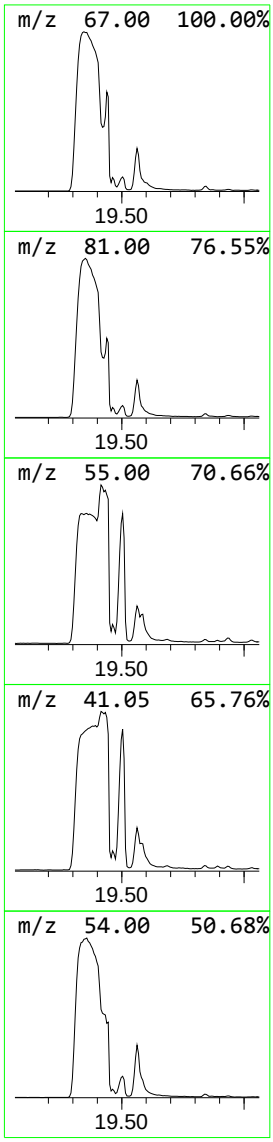
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,12-Octadecadienoic acid (... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.563	83.66 ng	2709240	Phenanthrene-d10	17.553

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	Linoelaidic acid	280	C18H32O2	000506-21-8	98
3	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	97
4	(9E,11E)-Octadecadienoic acid	280	C18H32O2	000544-71-8	97
5	Cyclodecene, (Z)-	138	C10H18	000935-31-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

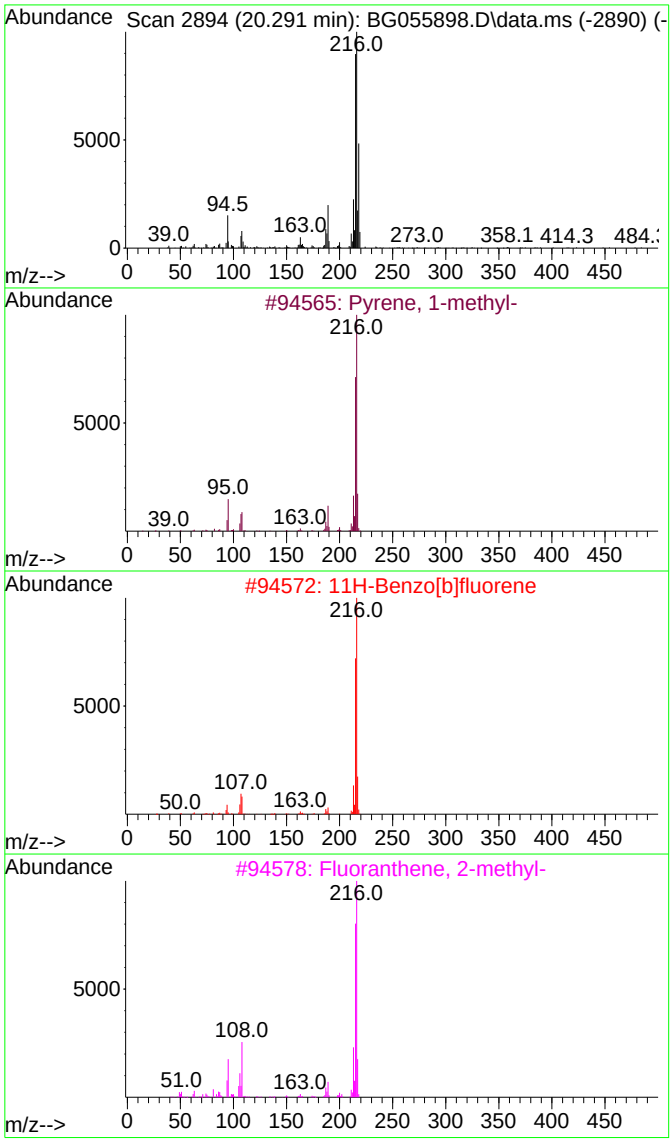
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

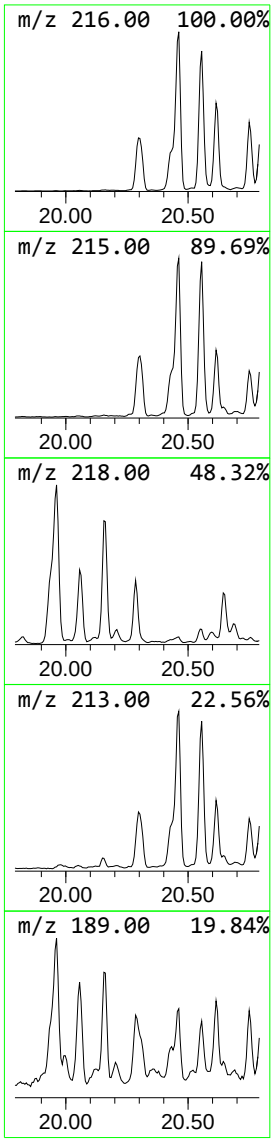
****

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.291	3.22 ng	550673	Chrysene-d12	21.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	59
5	4-Trifluoromethylcinnamic acid	216	C10H7F3O2	002062-26-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

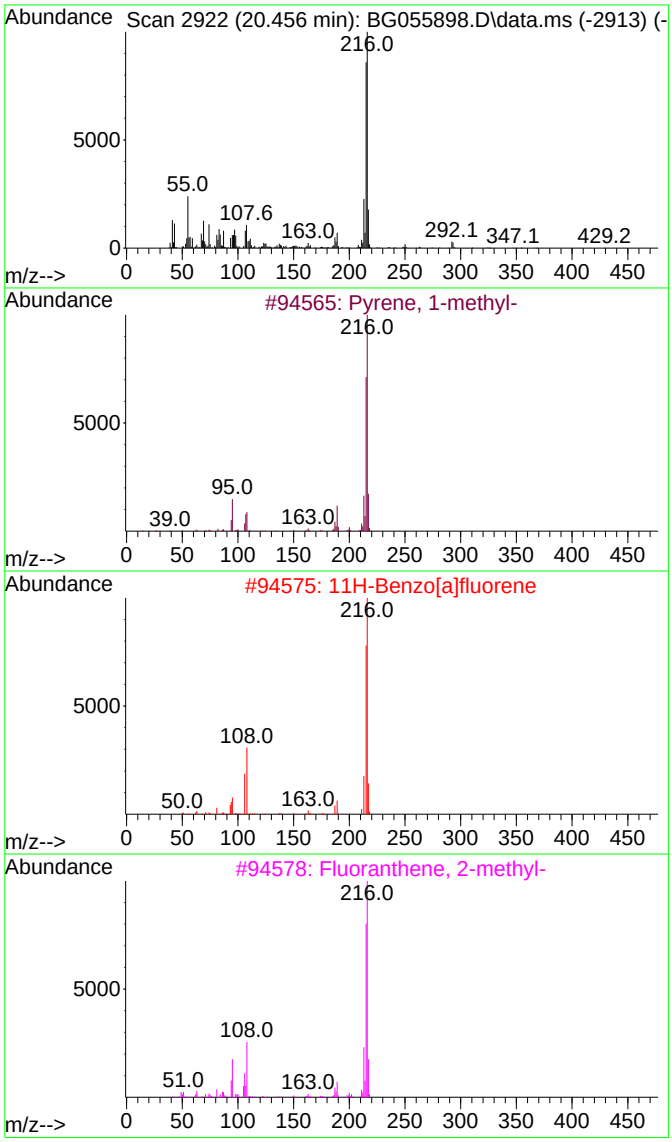
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

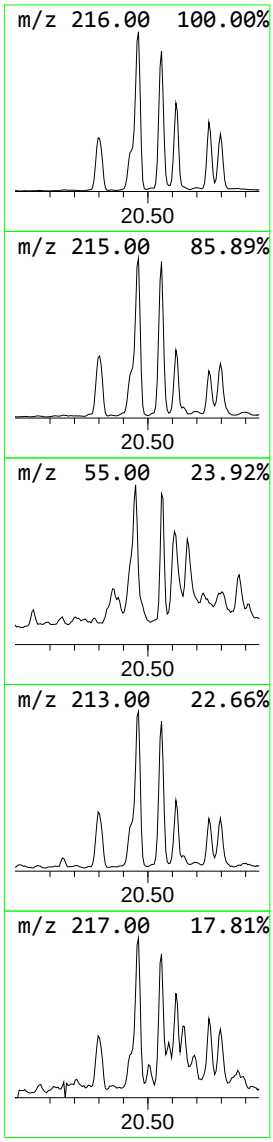
****

Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.456	17.78 ng	3039690	Chrysene-d12	21.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

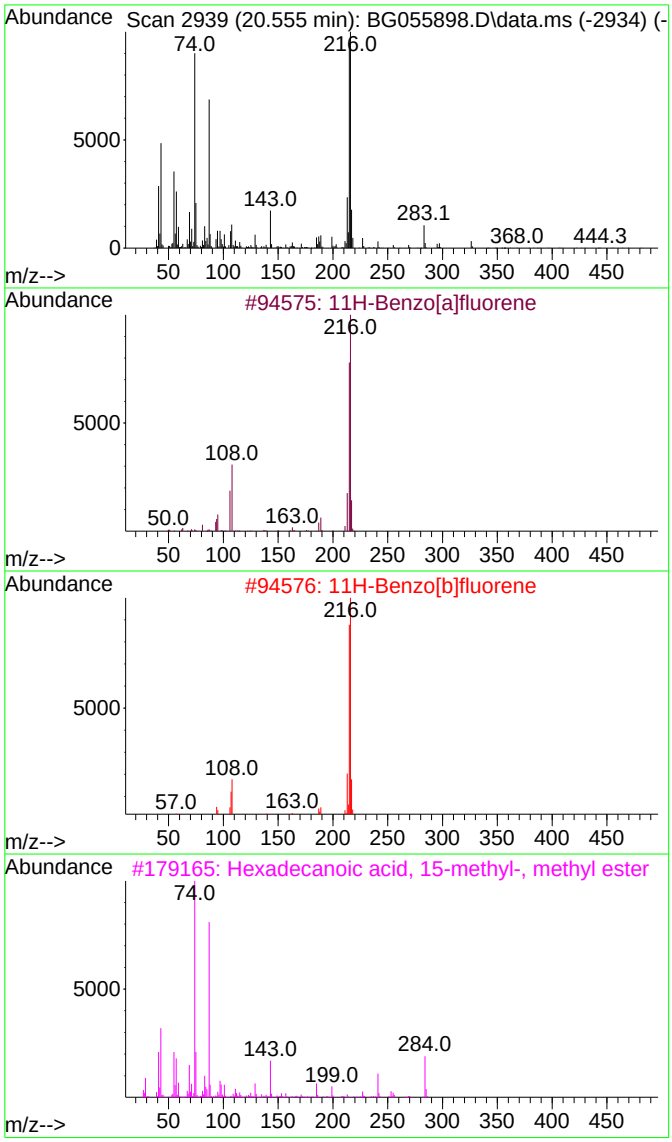
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

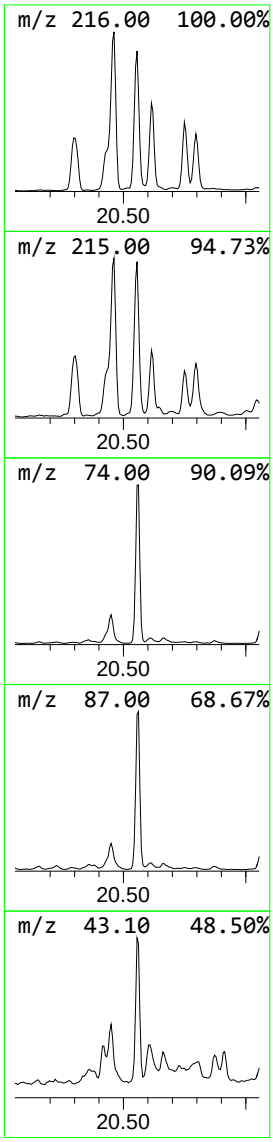
****

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.555	13.04 ng	2229230	Chrysene-d12	21.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	78
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	55
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	51





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

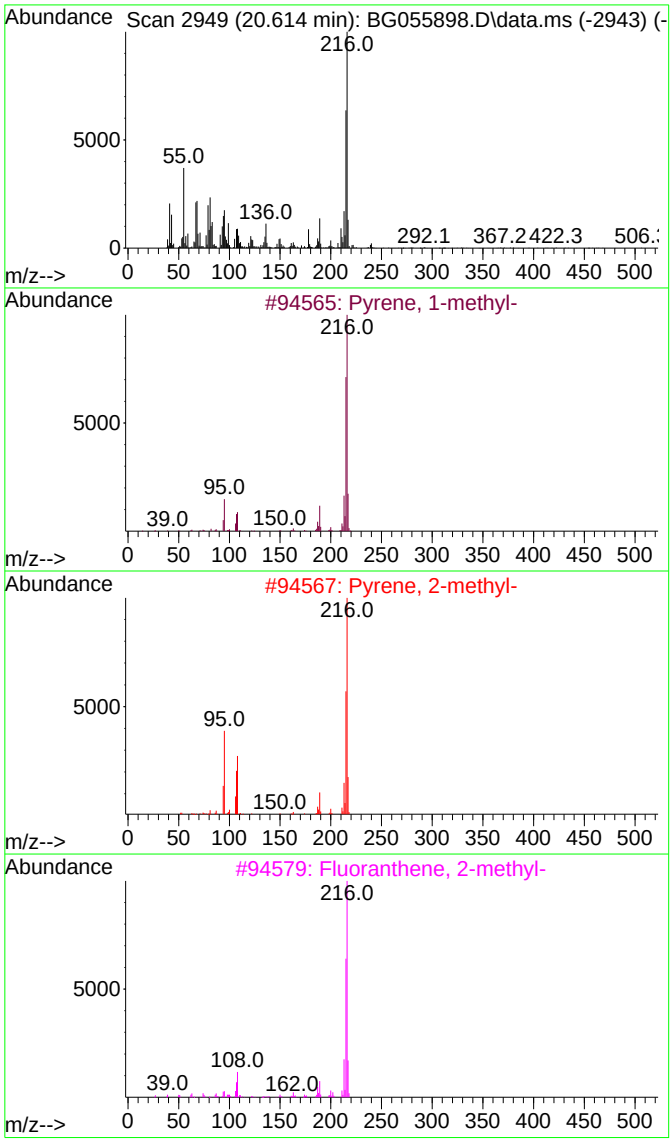
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

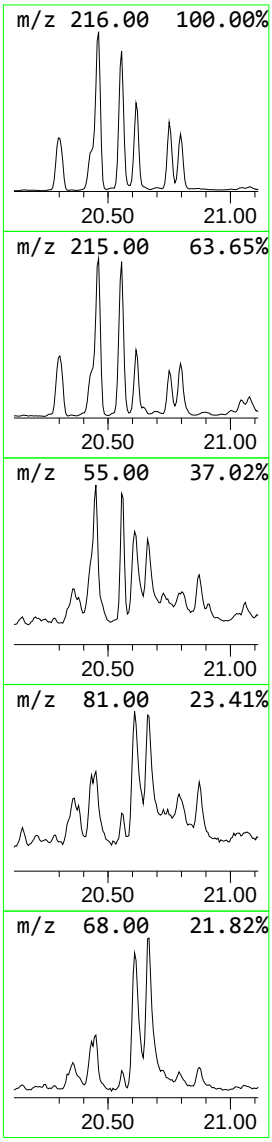
****

Peak Number 12 Pyrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.614	10.35 ng	1769380	Chrysene-d12	21.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

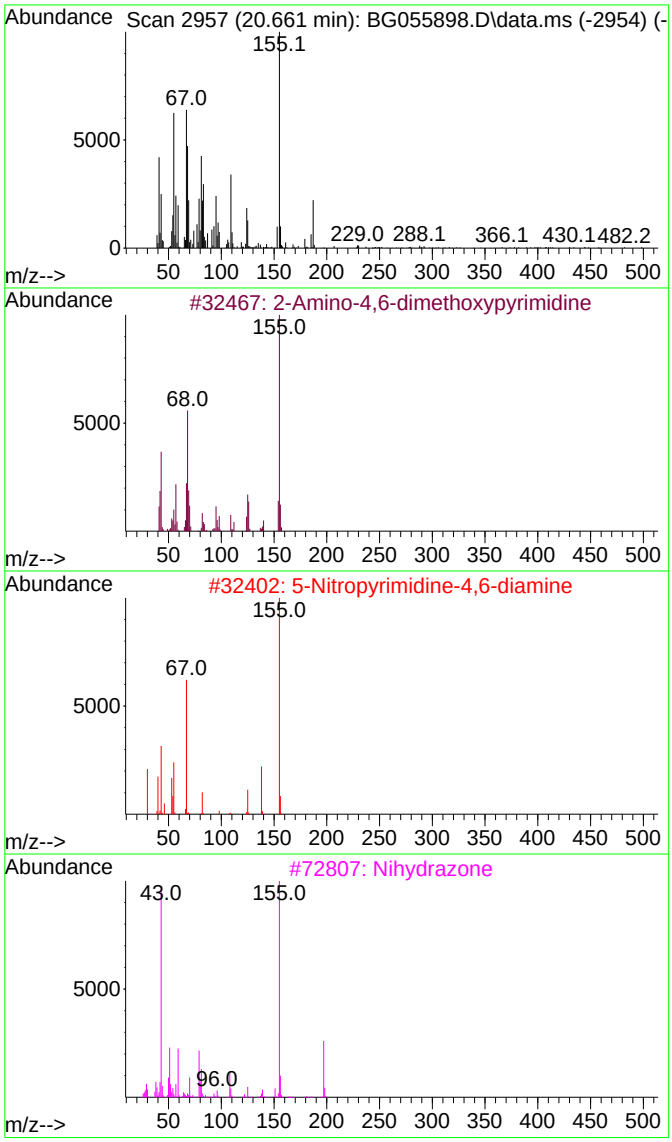
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

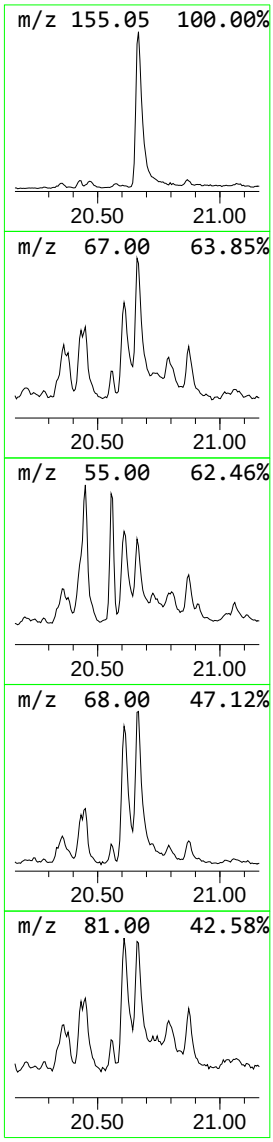
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 unknown20.661 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.661	7.50 ng	1281130	Chrysene-d12	21.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-4,6-dimethoxypyrimidine	155	C6H9N3O2	036315-01-2	47
2	5-Nitropyrimidine-4,6-diamine	155	C4H5N5O2	1000436-21-6	38
3	Nihydrazone	197	C7H7N3O4	000067-28-7	35
4	2-Amino-3-hydroxy-5-nitropyridine	155	C5H5N3O3	1000289-29-0	35
5	1,2-Cyclohexanedicarboxylic acid...	382	C18H23BrO4	1010339-62-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

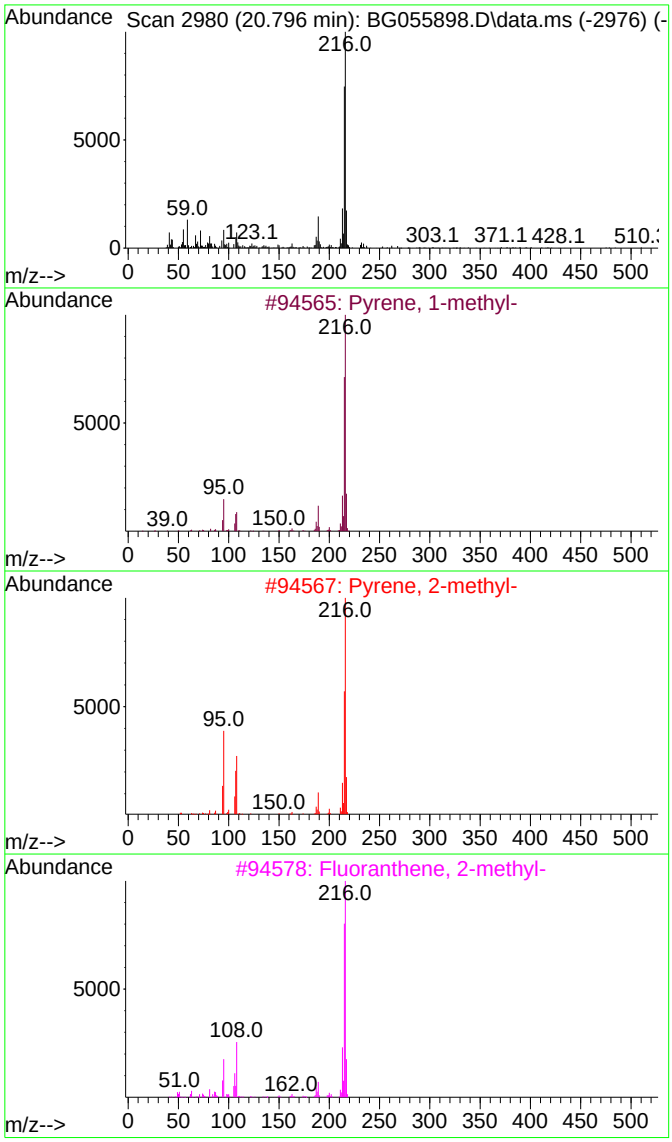
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

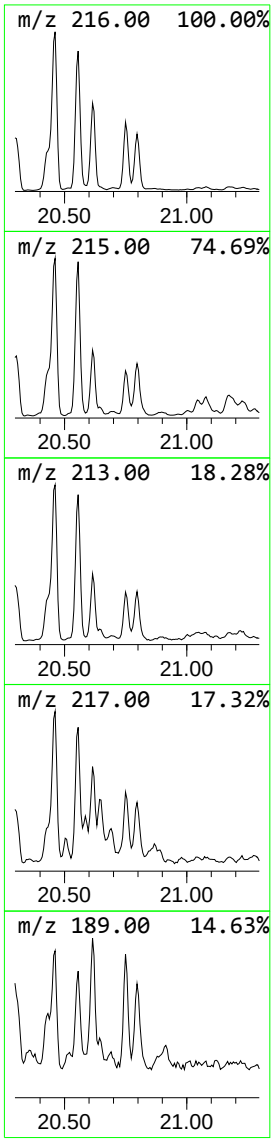
****

Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.796	5.37 ng	917238	Chrysene-d12	21.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

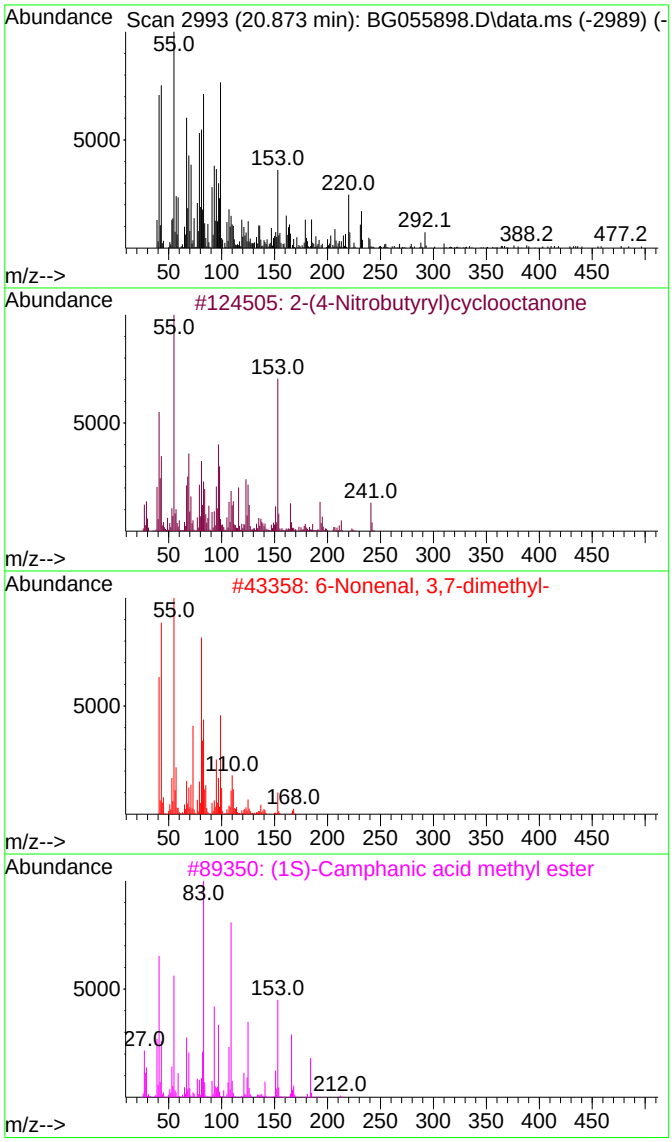
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

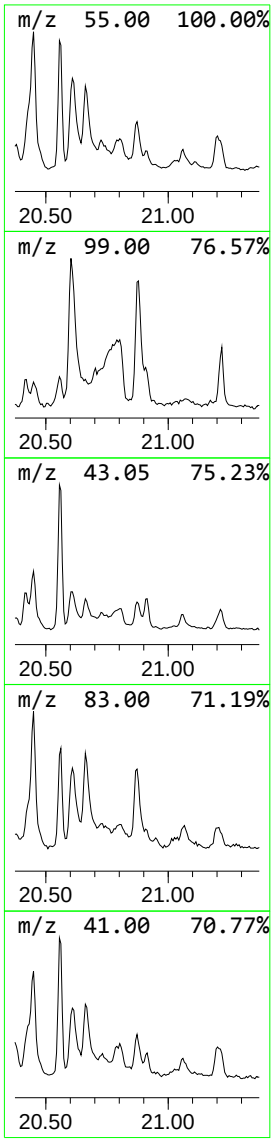
****

Peak Number 15 unknown20.873 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.873	3.17 ng	541870	Chrysene-d12	21.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Nitrobutyryl)cyclooctanone	241	C12H19NO4	079630-93-6	46
2	6-Nonenal, 3,7-dimethyl-	168	C11H20O	1000132-43-9	46
3	(1S)-Camphanic acid methyl ester	212	C11H16O4	054200-35-0	30
4	2H-Pyran-2-one, tetrahydro-6-nonyl-	226	C14H26O2	002721-22-4	20
5	Thiazole, 5-methyl-	99	C4H5NS	003581-89-3	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

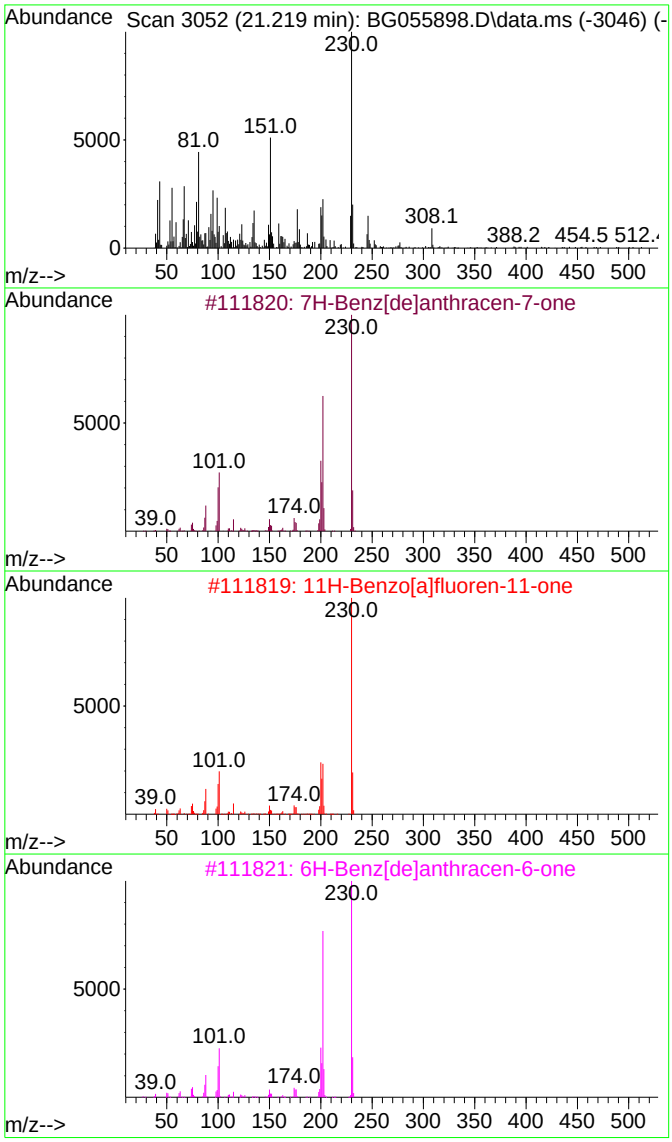
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

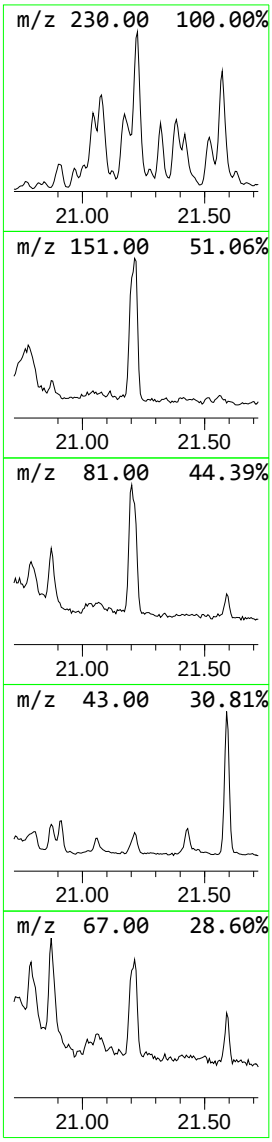
****

Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.219	6.01 ng	1028040	Chrysene-d12	21.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	55
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	49
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	45
4	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	38
5	1,3,4-Oxadiazole, 2-[3-(4-fluoro...	230	C11H7FN4O	1000338-11-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

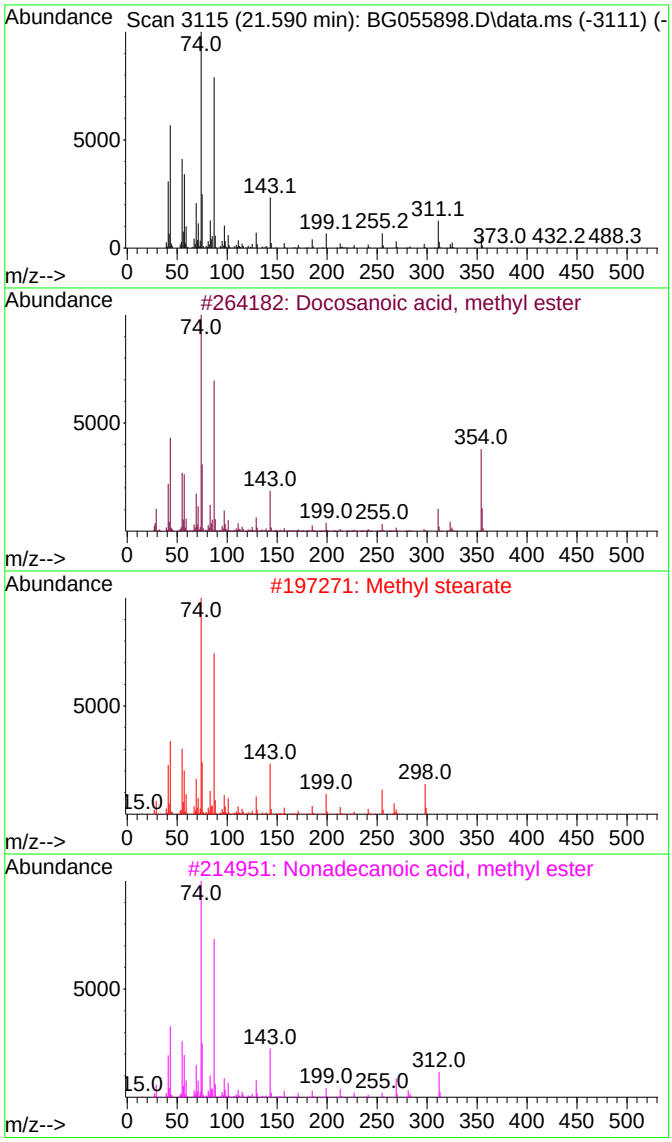
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

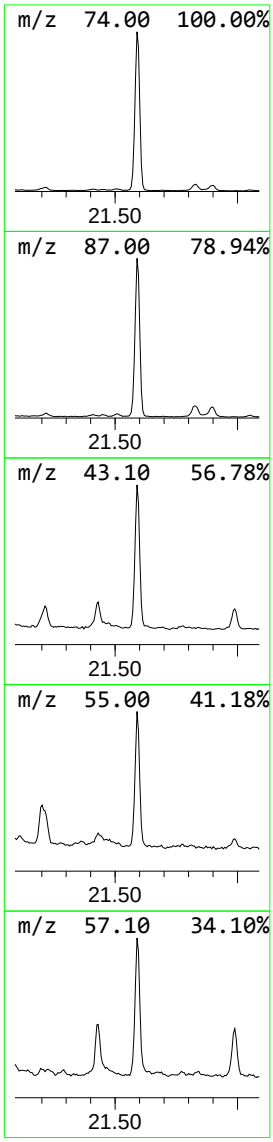
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Docosanoic acid, methyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.590	9.21 ng	1573780	Chrysene-d12	21.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	97
2	Methyl stearate	298	C19H38O2	000112-61-8	96
3	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	93
4	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	91
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

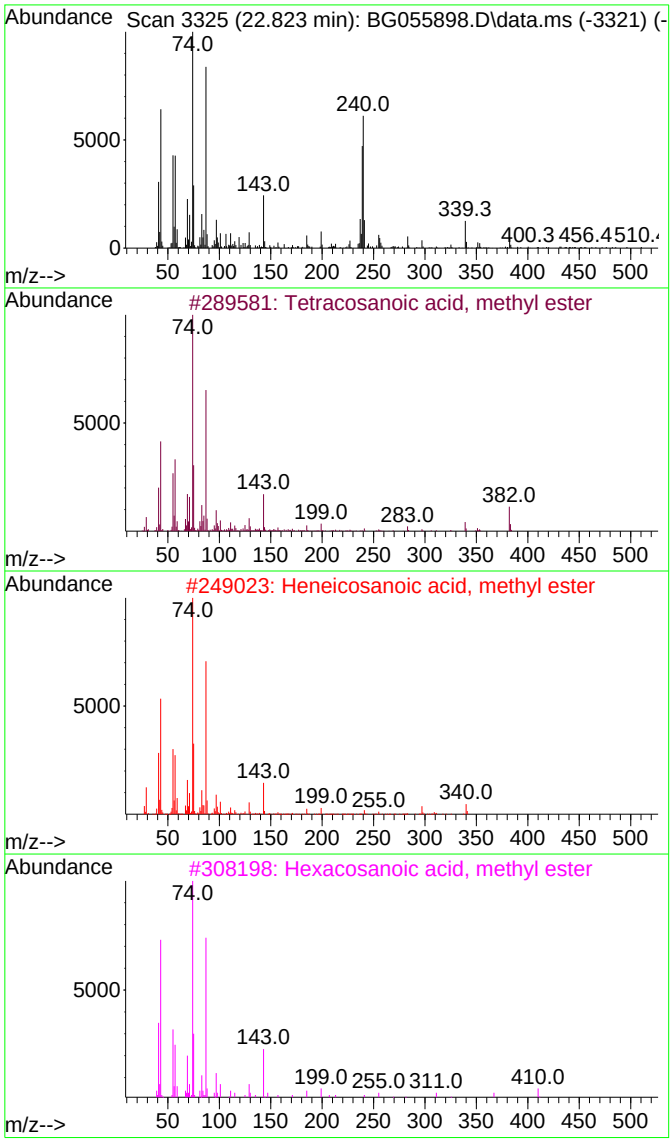
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

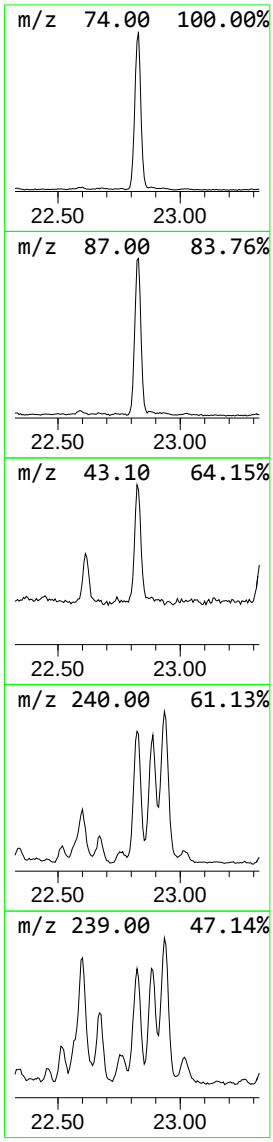
****

Peak Number 18 Tetracosanoic acid, methyl ... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.823	3.71 ng	633701	Chrysene-d12	21.848

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid, methyl ester	382	C25H50O2	002442-49-1	97
2	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	92
3	Hexacosanoic acid, methyl ester	410	C27H54O2	005802-82-4	60
4	Methyl stearate	298	C19H38O2	000112-61-8	49
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055898.D
Acq On : 5 Dec 2022 23:57
Operator : CG/JU
Sample : N5849-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TR-5-120222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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
9-Hexadecenoic ...	18.052	20.6	ng	665571	4	17.553	647669	20.0
Hexadecanoic ac...	18.211	699.4	ng	22648600	4	17.553	647669	20.0
Phenanthrene, 1...	18.423	33.7	ng	1090430	4	17.553	647669	20.0
1H-Cyclopropa[l...	18.476	56.3	ng	1821700	4	17.553	647669	20.0
4H-Cyclopenta[d...	18.622	53.2	ng	1723800	4	17.553	647669	20.0
9,12-Octadecadi...	19.345	1626.9	ng	52685800	4	17.553	647669	20.0
Methyl stearate	19.504	394.3	ng	12768400	4	17.553	647669	20.0
9,12-Octadecadi...	19.563	83.7	ng	2709240	4	17.553	647669	20.0
Pyrene, 1-methyl-	20.291	3.2	ng	550673	5	21.848	3418360	20.0
11H-Benzo[a]flu...	20.456	17.8	ng	3039690	5	21.848	3418360	20.0
11H-Benzo[b]flu...	20.555	13.0	ng	2229230	5	21.848	3418360	20.0
Pyrene, 2-methyl-	20.614	10.4	ng	1769380	5	21.848	3418360	20.0
unknown20.661	20.661	7.5	ng	1281130	5	21.848	3418360	20.0
Fluoranthene, 2...	20.796	5.4	ng	917238	5	21.848	3418360	20.0
unknown20.873	20.873	3.2	ng	541870	5	21.848	3418360	20.0
7H-Benz[de]anth...	21.219	6.0	ng	1028040	5	21.848	3418360	20.0
Docosanoic acid...	21.590	9.2	ng	1573780	5	21.848	3418360	20.0
Tetracosanoic a...	22.823	3.7	ng	633701	5	21.848	3418360	20.0