LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
Data File : BP006040.D
Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-04-062121

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-BP060821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP006040.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.493	403	409	421	rBV	302472	471295	2.78%	0.730%
2	7.099	676	682	700	rVB	246347	445005	2.63%	0.689%
3	7.916	812	821	830	rBV	264193	437422	2.58%	0.677%
4	9.087	1014	1020	1034	rBV	160433	300930	1.78%	0.466%
5	10.722	1287	1298	1305	rBV	334435	594226	3.51%	0.920%
6	13.175	1709	1715	1725	rBV	526629	760332	4.49%	1.178%
7	14.275	1897	1902	1913	rVB	121800	209169	1.23%	0.324%
8	14.551	1939	1949	1955	rBV	540247	862583	5.09%	1.336%
9	15.592	2121	2126	2139	rBV	132957	290092	1.71%	0.449%
10	16.040	2194	2202	2210	rBV	480535	746559	4.41%	1.156%
11	16.257	2234	2239	2241	rBV	194465	275034	1.62%	0.426%
12	17.045	2370	2373	2378	rVV	170125	205948	1.22%	0.319%
13	17.104	2379	2383	2392	rVB2	137763	286205	1.69%	0.443%
14	17.292	2410	2415	2419	rBV	646339	957148	5.65%	1.482%
15	17.339	2419	2423	2430	rVV	925379	1309522	7.73%	2.028%
16	17.428	2434	2438	2443	rVB	318325	422947	2.50%	0.655%
17	17.786	2496	2499	2503	rVV	200312	285738	1.69%	0.443%
18	17.834	2503	2507	2511	rVV	511948	650400	3.84%	1.007%
19	17.963	2523	2529	2534	rBV	5512798	6804899	40.16%	10.539%
20	18.163	2559	2563	2564	rBV	227471	267824	1.58%	0.415%
21	18.186	2564	2567	2569	rVV	379892	443722	2.62%	0.687%
22	18.351	2589	2595	2598	rVV2	344965	608998	3.59%	0.943%
23	18.381	2598	2600	2607	rVB	168950	226312	1.34%	0.350%
24	18.457	2608	2613	2616	rBV2	182490	247751	1.46%	0.384%
25	19.063	2709	2716	2718	rBV	7699113	9819125	57.94%	15.207%
26	19.098	2718	2722	2731	rVB	11618633	16946296	100.00%	26.245%
27	19.216	2738	2742	2747	rVB	2792059	3109981	18.35%	4.816%
28	19.298	2752	2756	2763	rVB	2210761	2995398	17.68%	4.639%
29	19.569	2798	2802	2806	rVB3	327817	422002	2.49%	0.654%
30	19.622	2807	2811	2813	rVV2	380767	541898	3.20%	0.839%
31	19.651	2813	2816	2824	rVB	1768431	2372218	14.00%	3.674%
32	19.845	2844	2849	2853	rBV	1035297	1247362	7.36%	1.932%
33	20.045	2880	2883	2886	rBV4	274066	314733	1.86%	0.487%
34	20.133	2896	2898	2901	rVB2	288940	292043	1.72%	0.452%
35	20.169	2902	2904	2911	rVB4	304947	325816	1.92%	0.505%
36	20.228	2911	2914	2918	rVB	276593	291814	1.72%	0.452%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
Data File : BP006040.D
Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-04-062121

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-BP060821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	20.275	2919	2922	2927	rBV3	427456	628952	3.71%	0.974%
38	20.875	3020	3024	3030	rVB5	359327	707657	4.18%	1.096%
39	21.363	3102	3107	3112	rBV2	1229016	2619109	15.46%	4.056%
40	21.410	3112	3115	3125	rVB	910077	1213792	7.16%	1.880%
41	23.045	3389	3393	3398	rBV	506137	963901	5.69%	1.493%
42	23.674	3496	3500	3508	rVB	872520	1647703	9.72%	2.552%

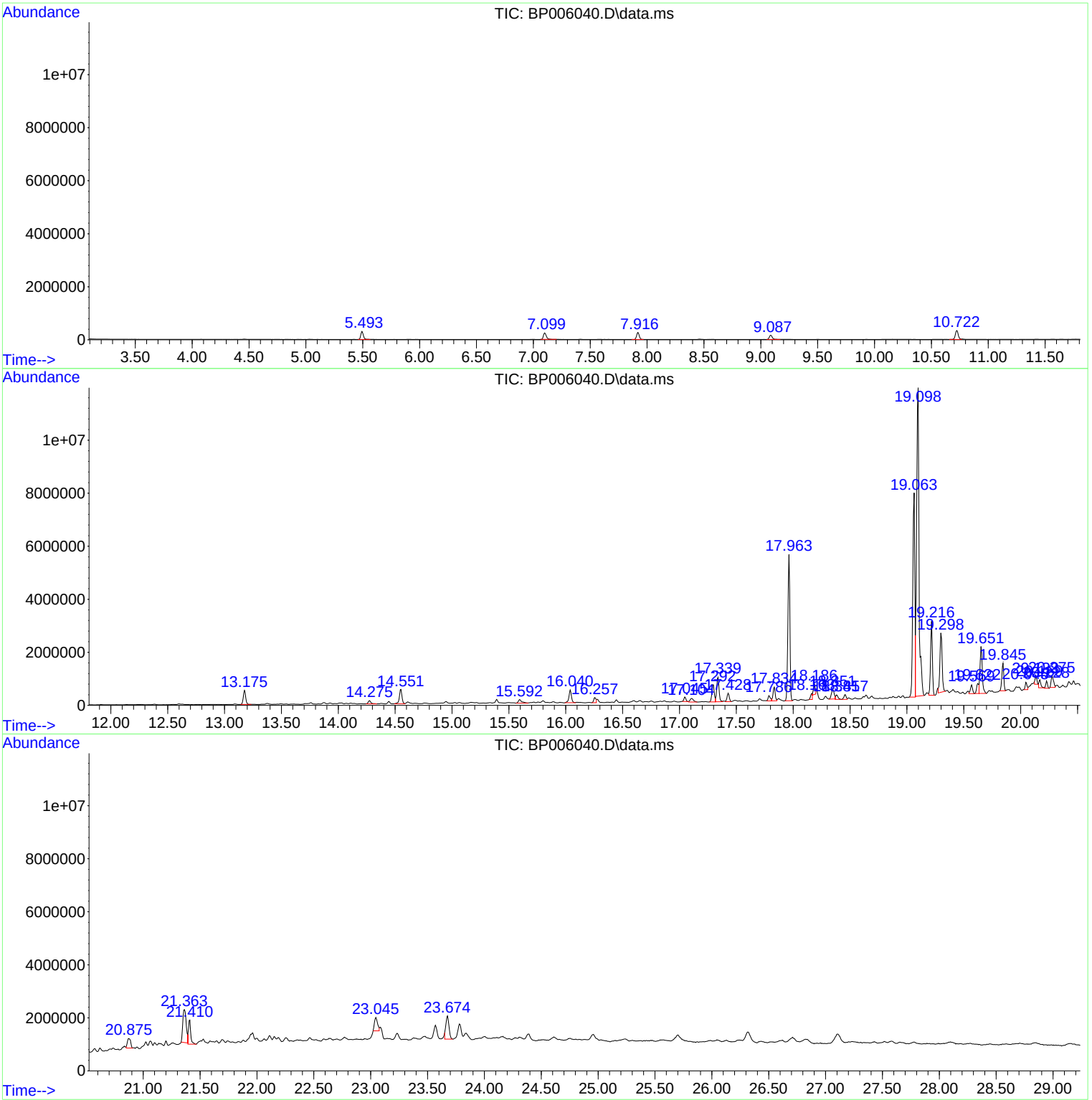
Sum of corrected areas: 64569861

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
Data File : BP006040.D
Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-062121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
Data File : BP006040.D
Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-062121

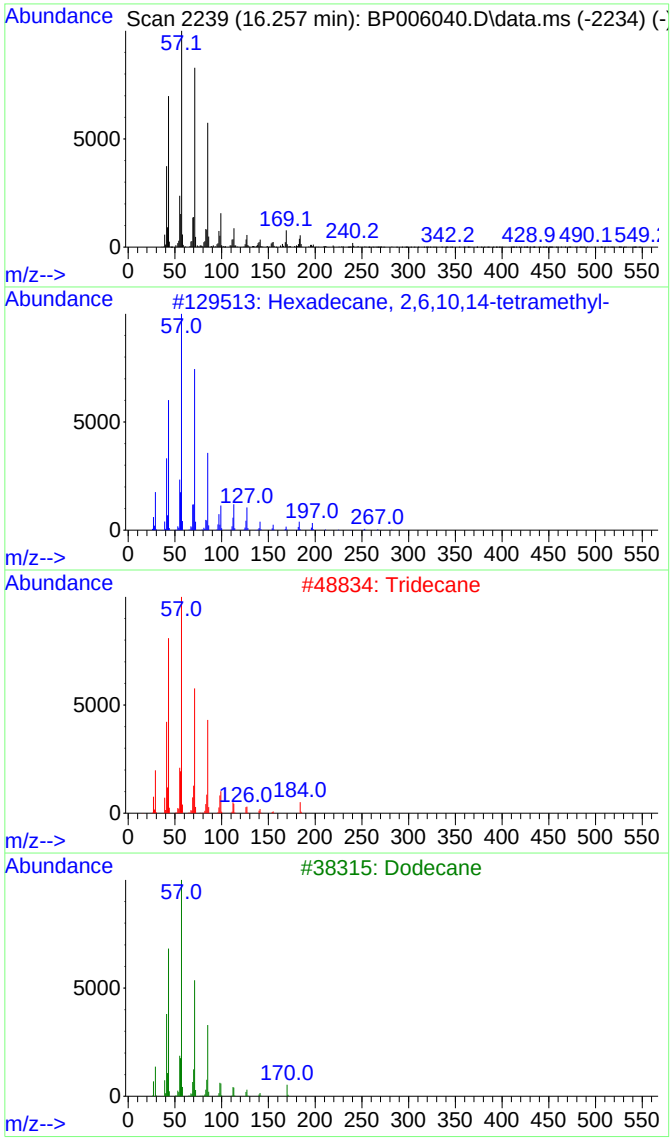
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

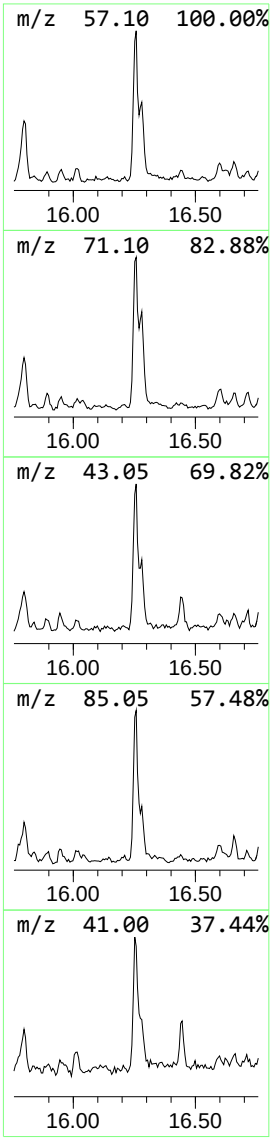
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexadecane, 2,6,10,14-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.257	5.75 ng	275034	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Dodecane	170	C12H26	000112-40-3	87
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
5	Octadecane	254	C18H38	000593-45-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
Data File : BP006040.D
Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-062121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

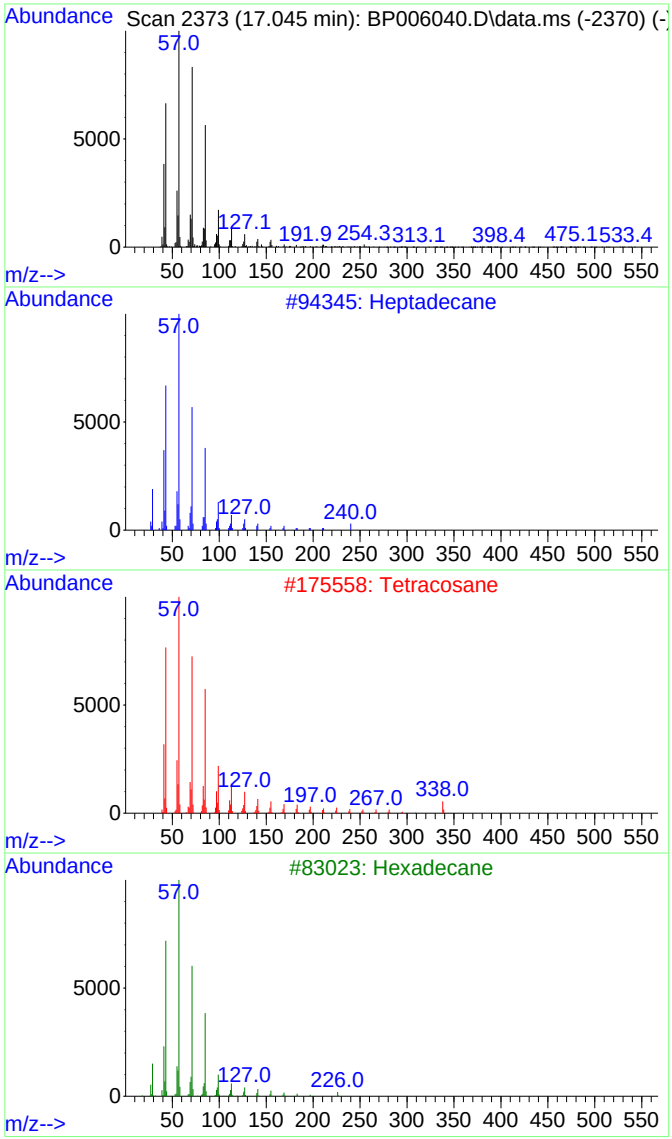
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

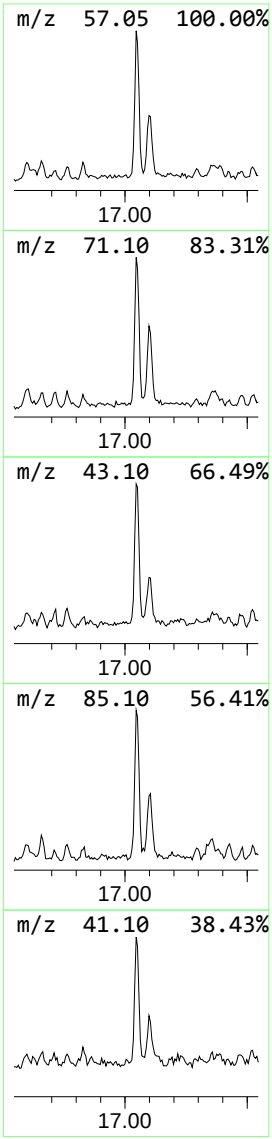
****

Peak Number 2 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.045	4.30 ng	205948	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Octadecane	254	C18H38	000593-45-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
Data File : BP006040.D
Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-062121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

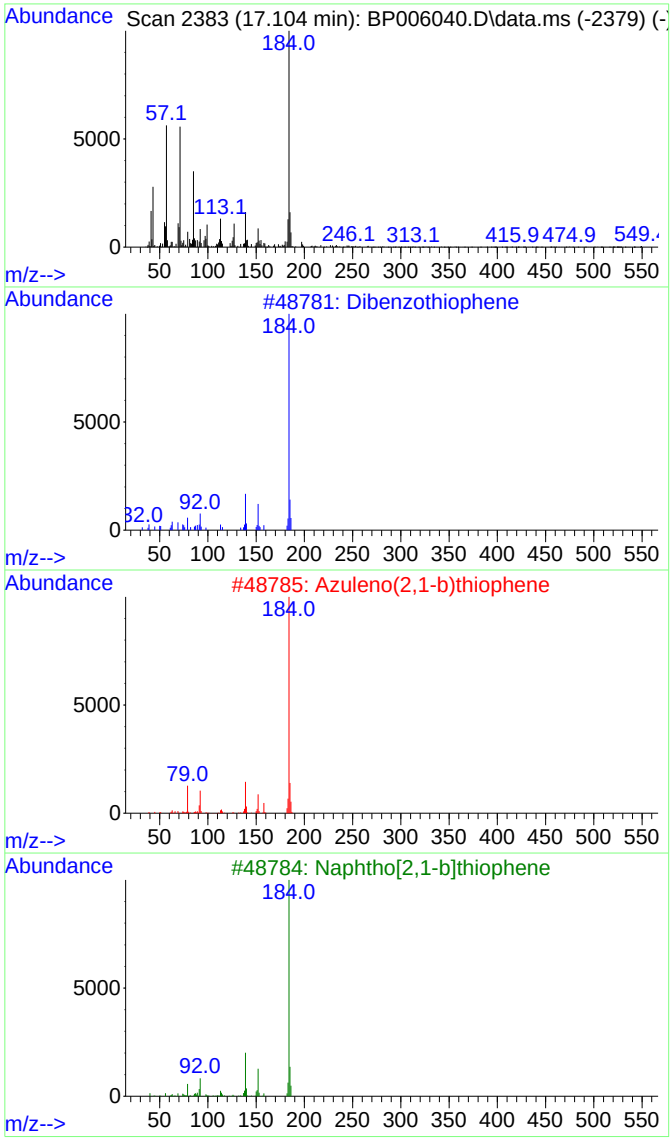
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

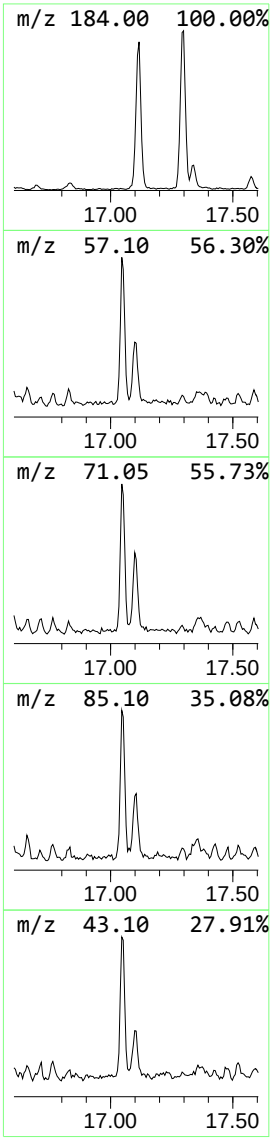
****

Peak Number 3 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	5.98 ng	286205	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	90
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	60
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	55
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	55
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
Data File : BP006040.D
Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-062121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

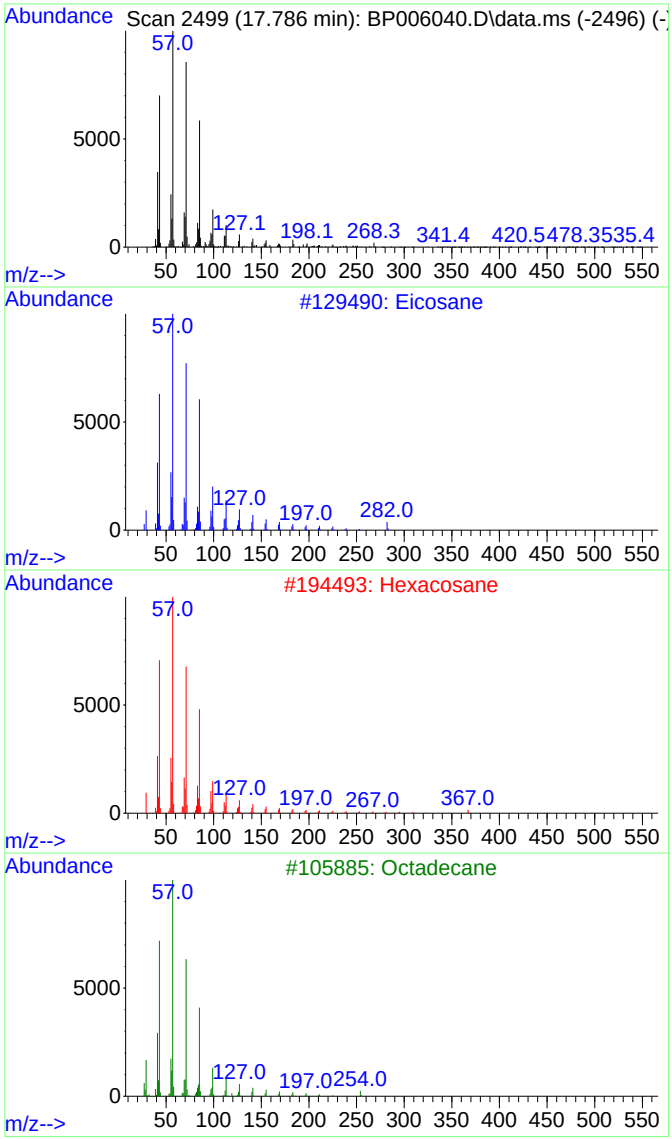
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

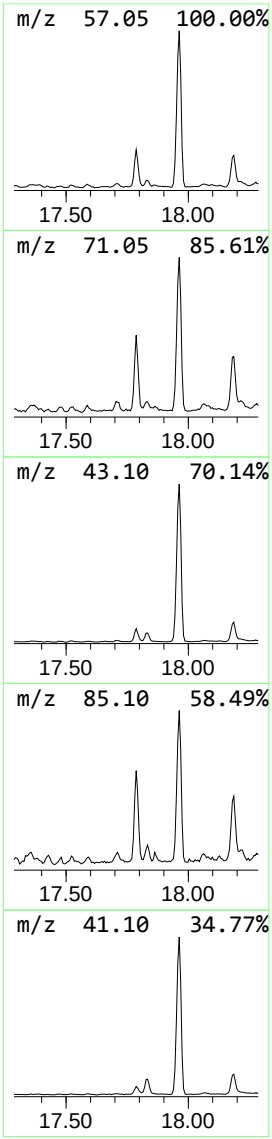
****

Peak Number 4 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.787	5.97 ng	285738	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5	Tridecane	184	C13H28	000629-50-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
Data File : BP006040.D
Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-062121

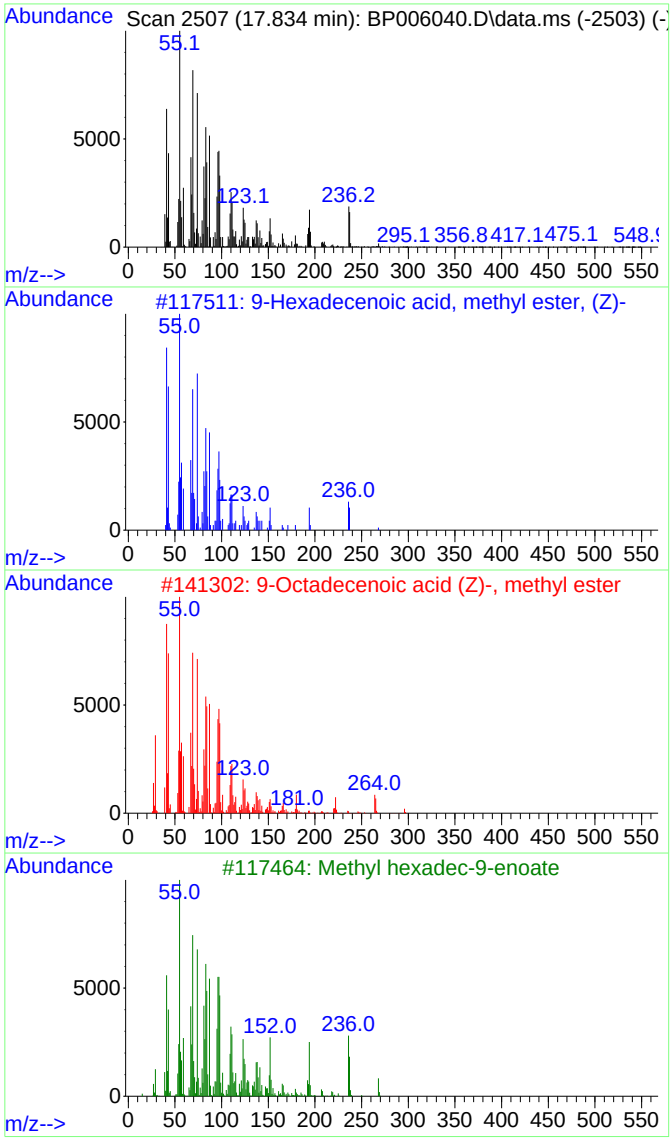
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

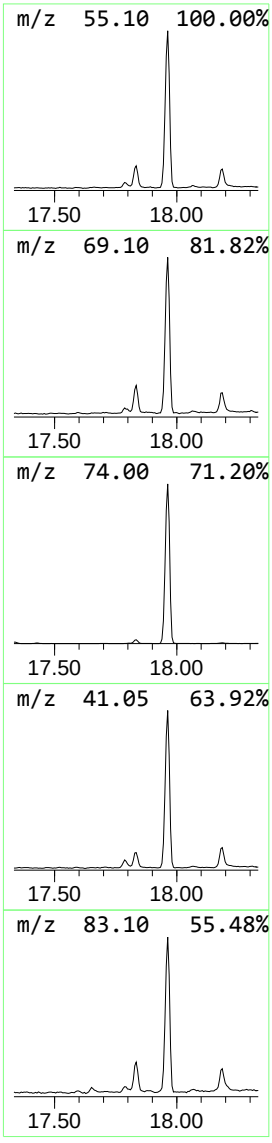
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9-Hexadecenoic acid, methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.834	13.59 ng	650400	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	99
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
3	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	91
4	14-Methylpentadec-9-enoic acid m...	268	C17H32O2	1000365-89-7	80
5	11-Hexadecenoic acid, methyl ester	268	C17H32O2	055000-42-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
Data File : BP006040.D
Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-062121

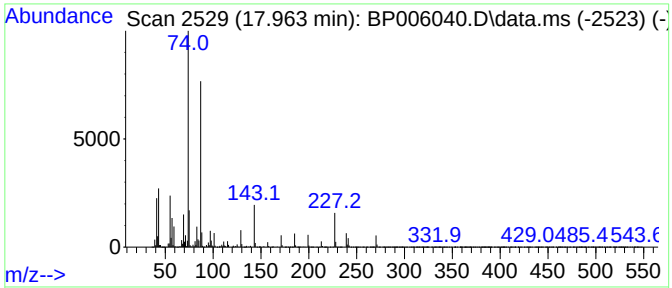
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

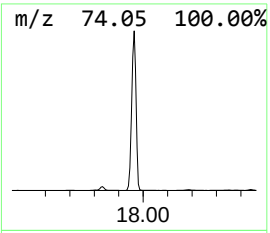
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

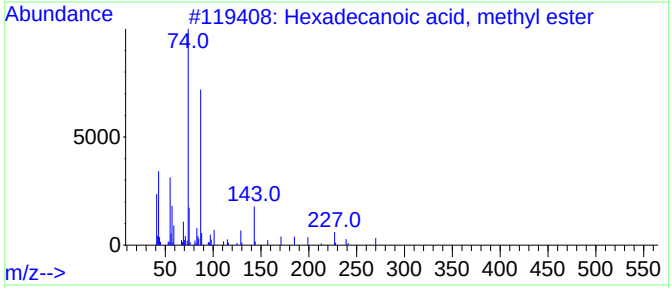
****
Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 3

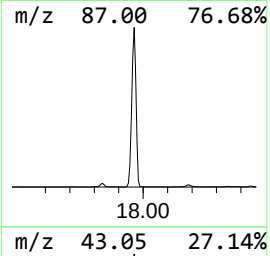
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.963	142.19 ng	6804900	Phenanthrene-d10	17.298

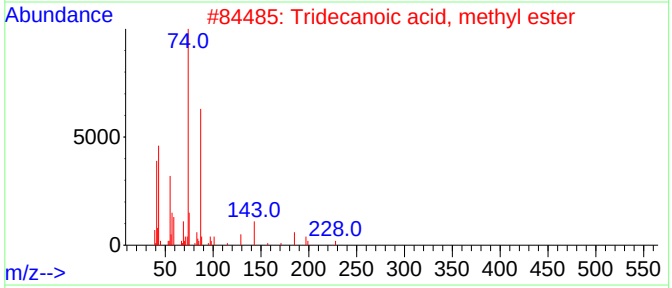
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	81
4	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80

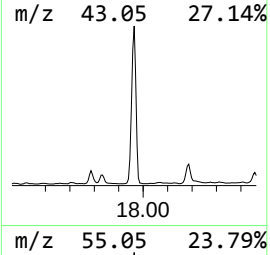


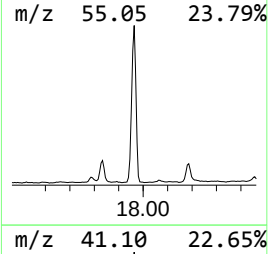


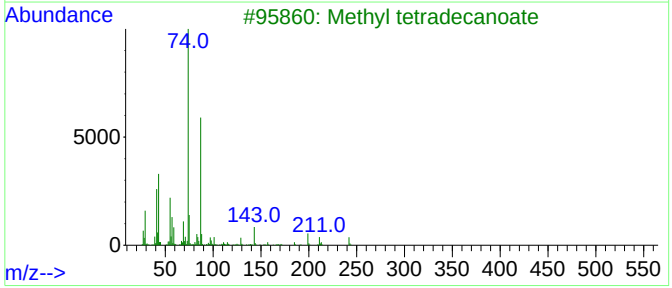


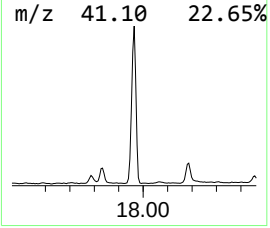












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
Data File : BP006040.D
Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-062121

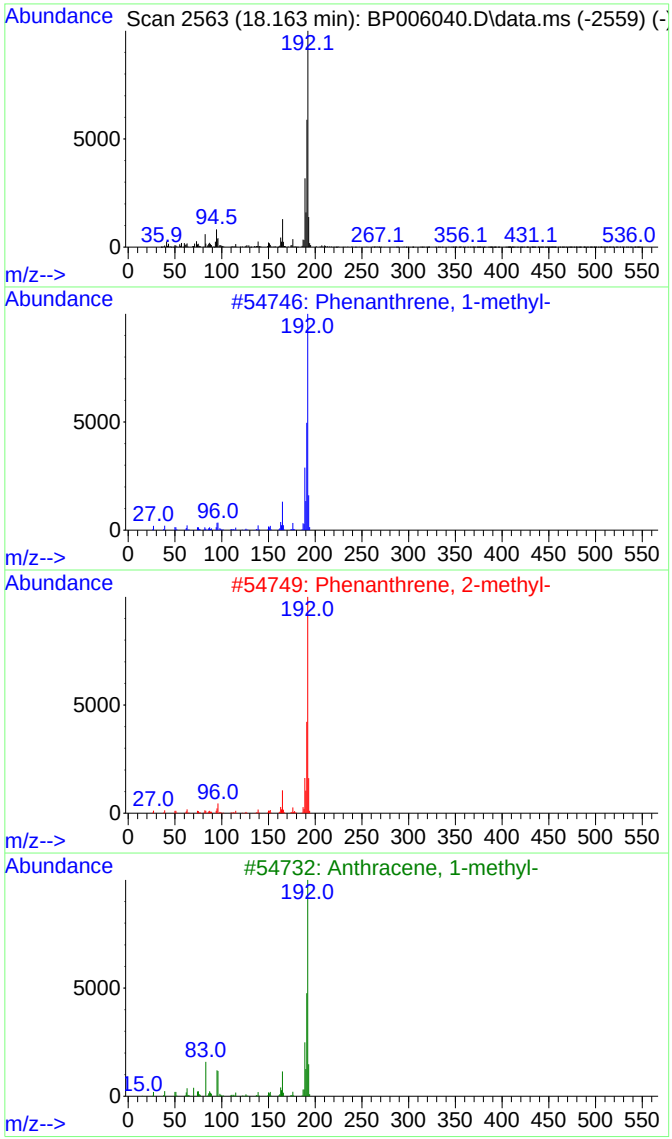
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

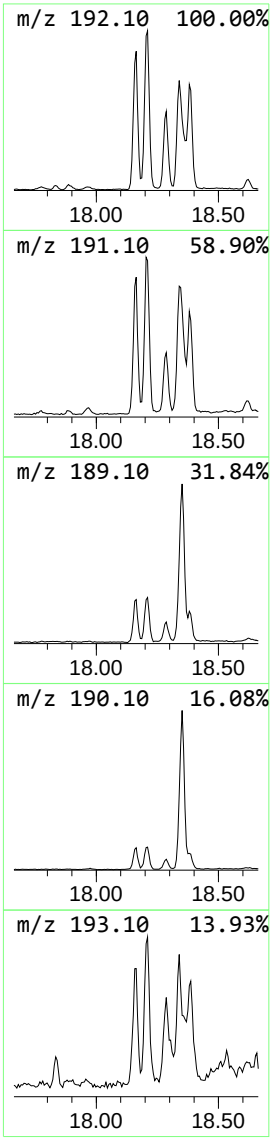
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	5.60 ng	267824	Phenanthrene-d10	17.298

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	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Data File : BP006040.D
Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-062121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

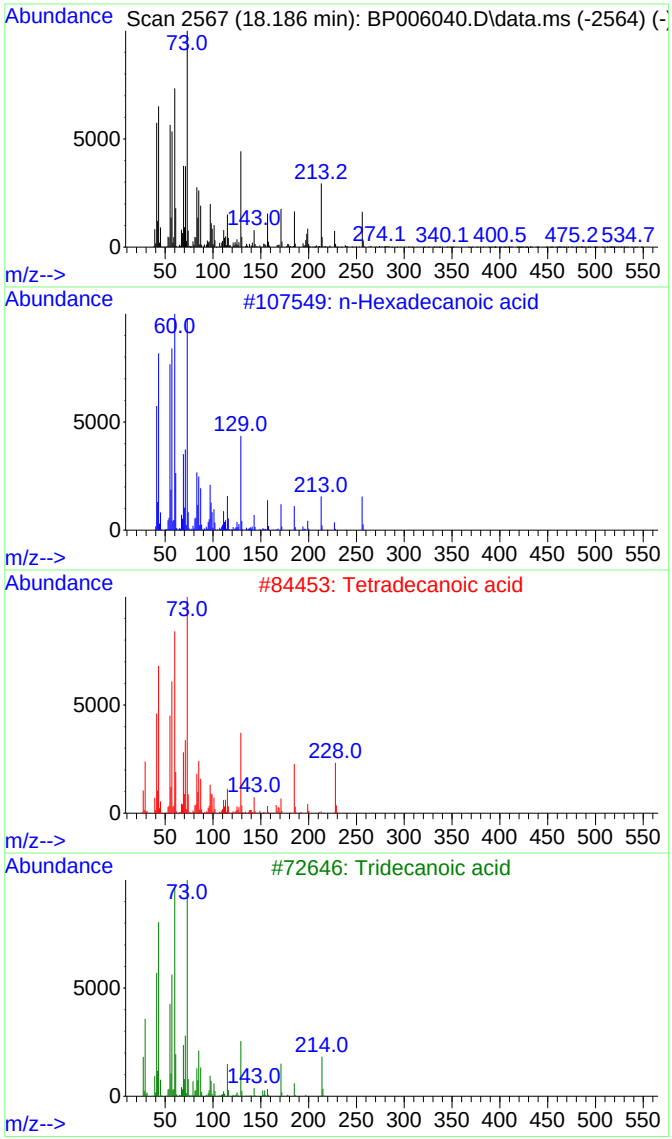
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

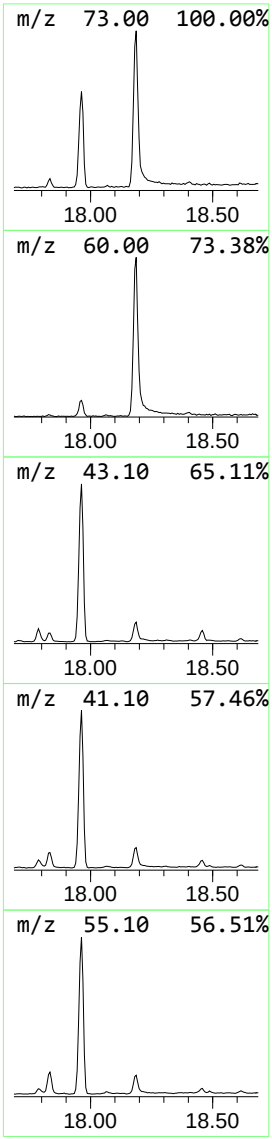
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	9.27 ng	443722	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-04-062121

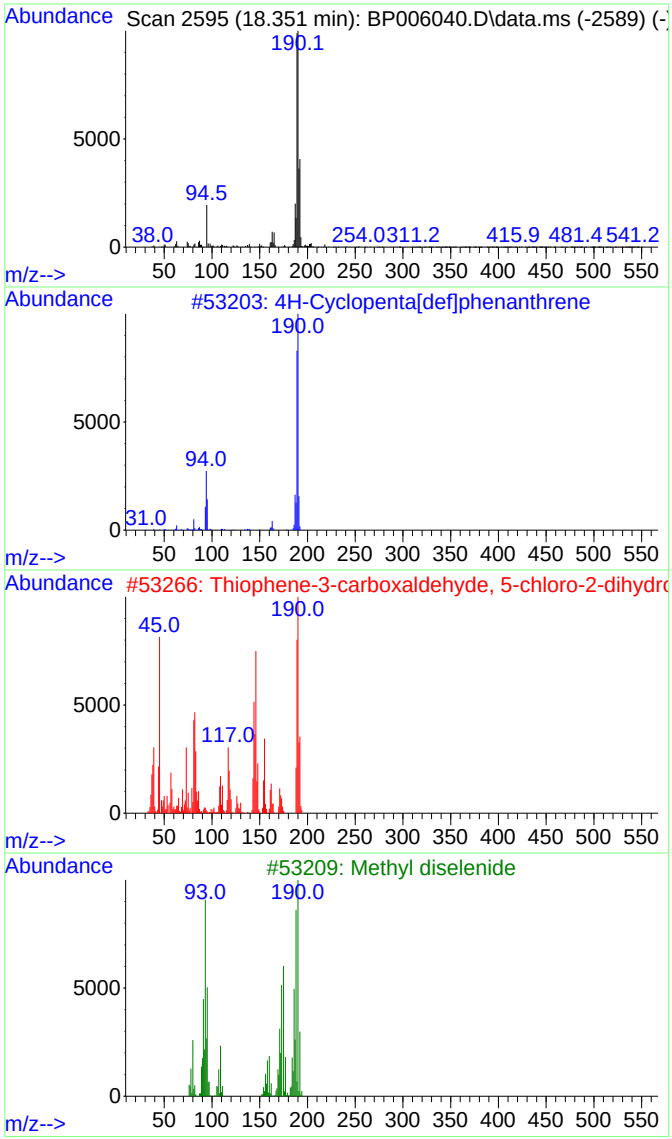
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

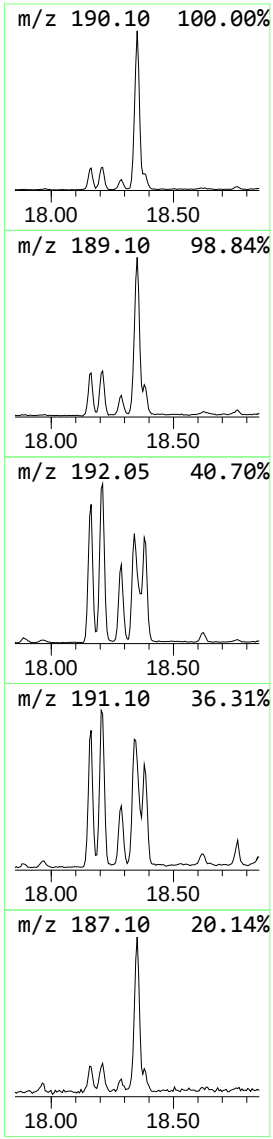
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	12.73 ng	608998	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	1-Aminocyclopentanecarboxylic ac...	361	C18H32ClNO4	1000329-17-0	25





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Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-062121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

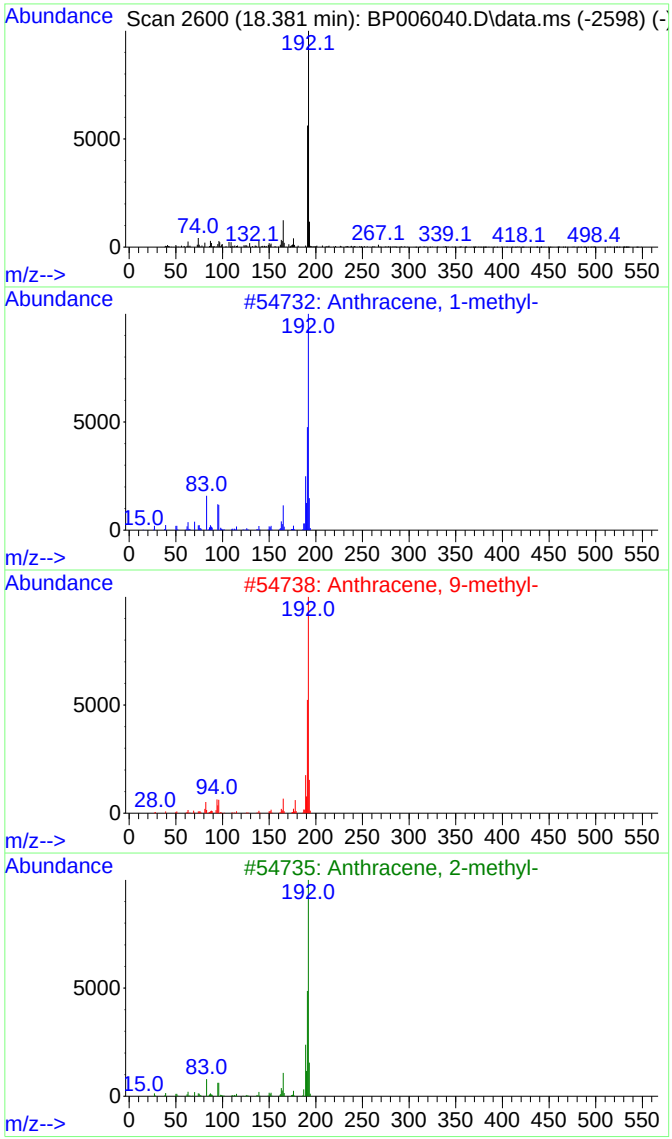
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

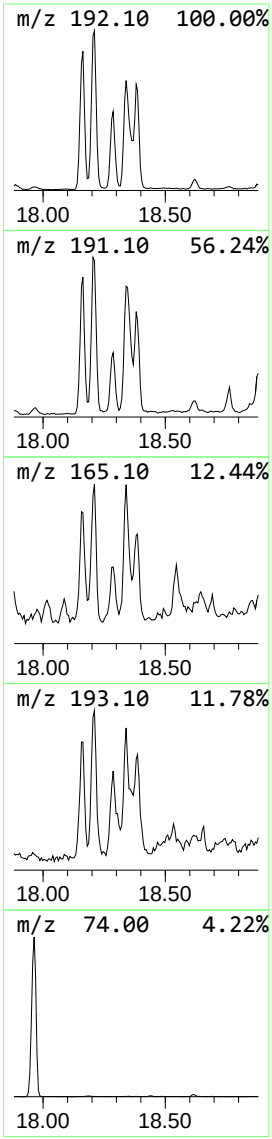
****

Peak Number 10 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.381	4.73 ng	226312	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	83





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Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-062121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

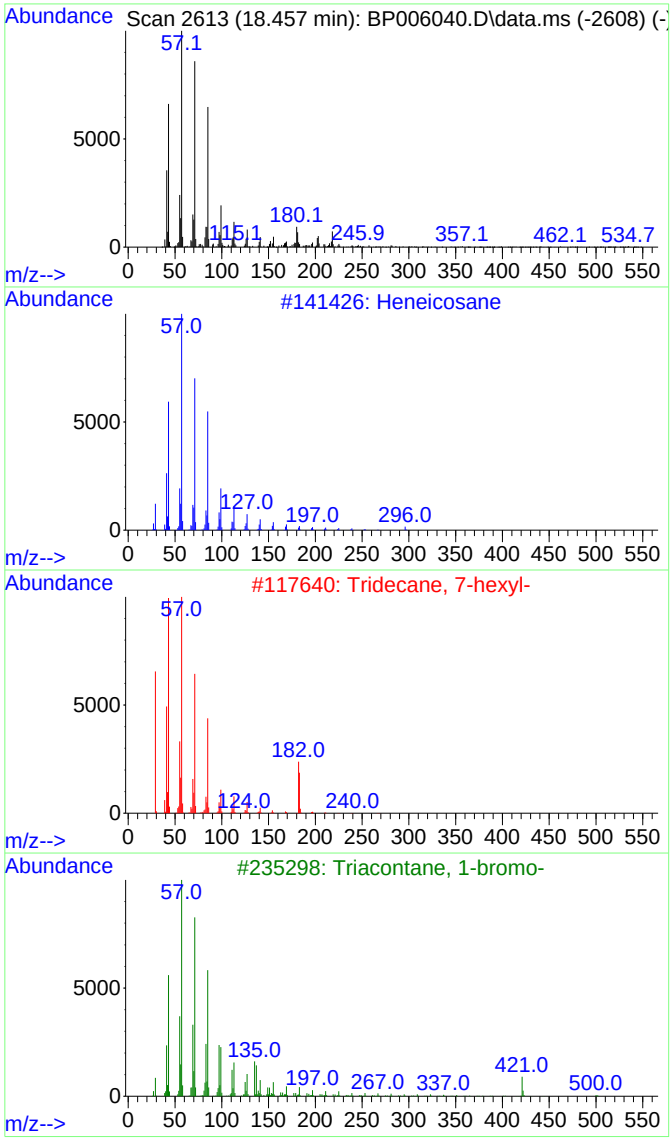
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

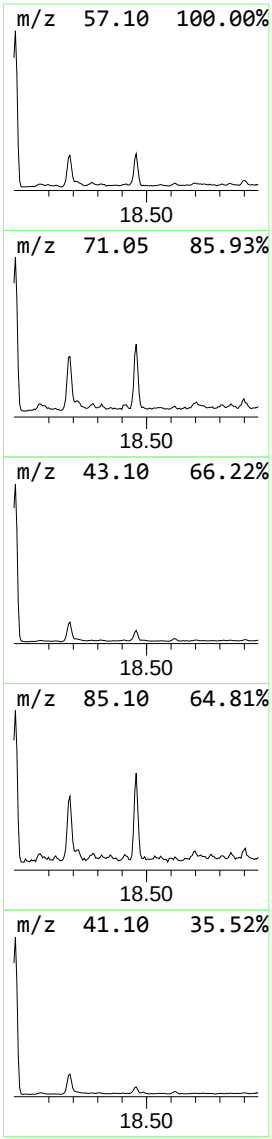
****

Peak Number 11 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.457	5.18 ng	247751	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
3	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	87
4	Octadecane	254	C18H38	000593-45-3	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-04-062121

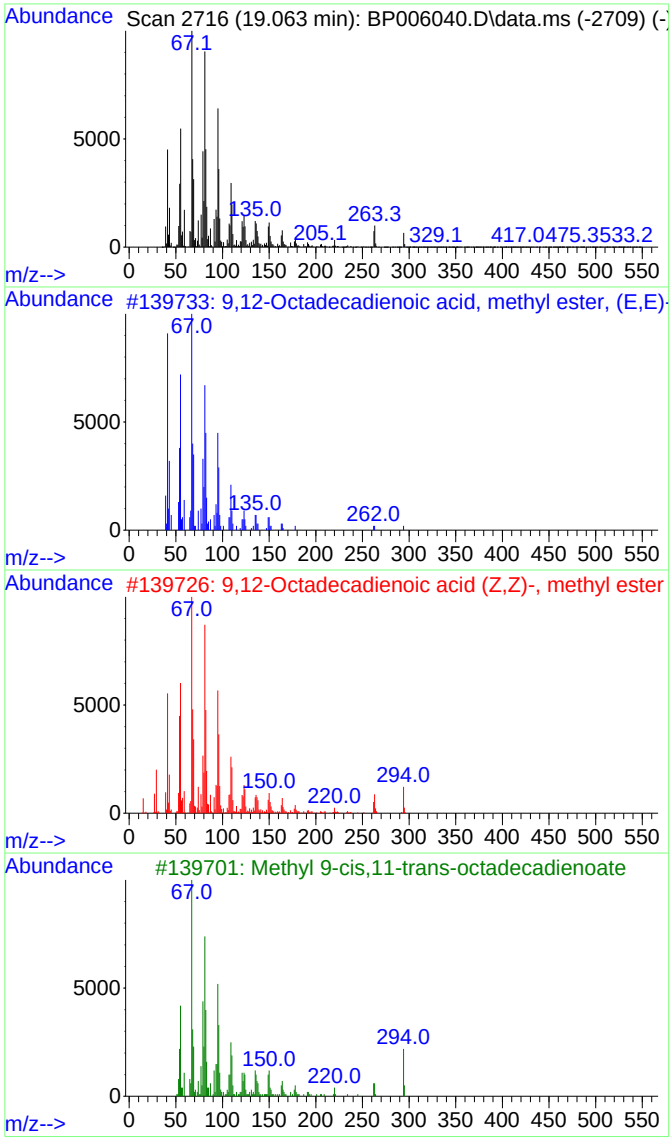
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

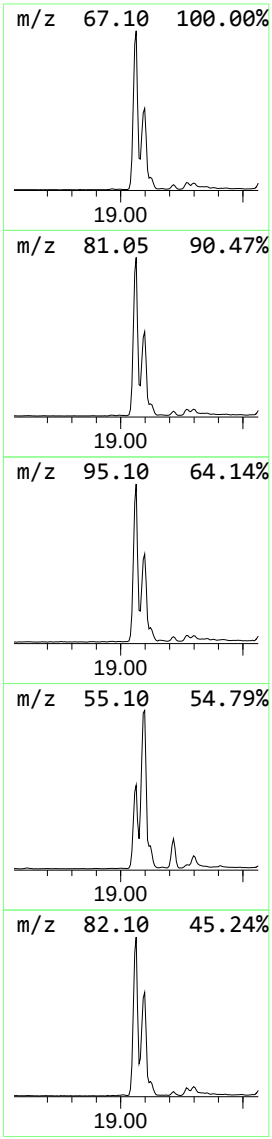
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.063	205.18 ng	9819130	Phenanthrene-d10	17.298

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 (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
Data File : BP006040.D
Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-04-062121

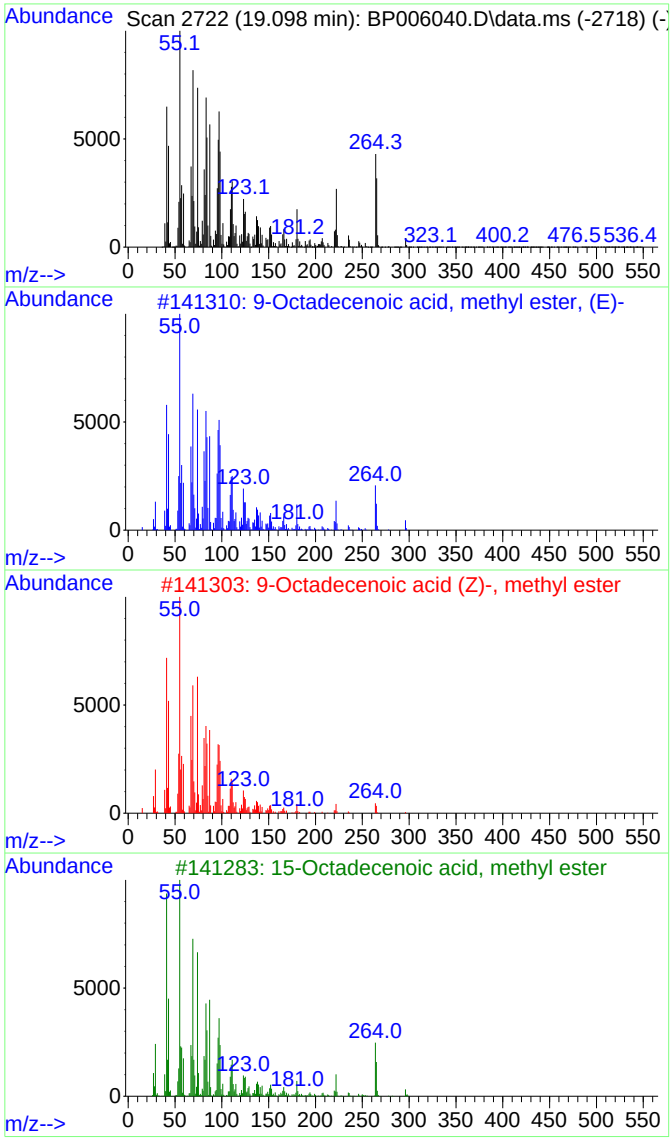
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

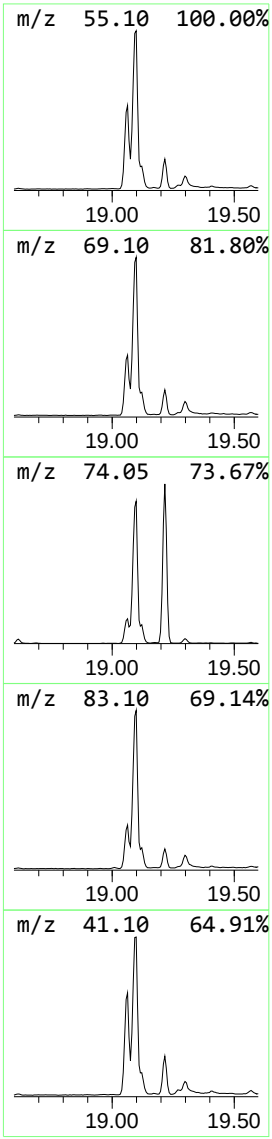
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.098	354.10 ng	16946300	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
Data File : BP006040.D
Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-062121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

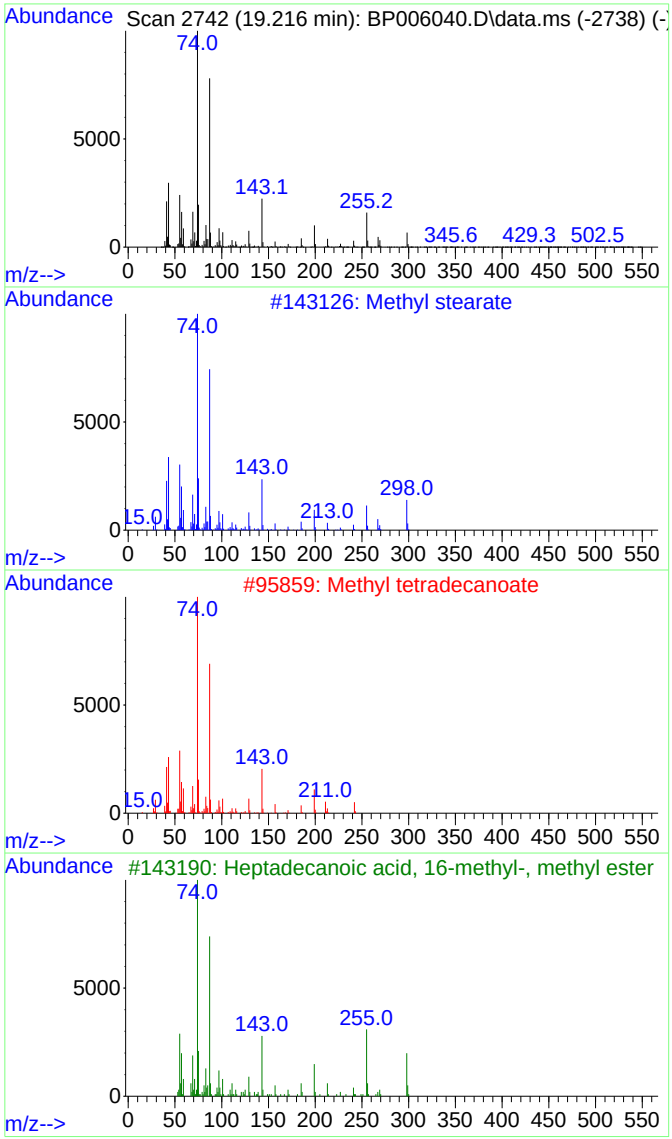
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

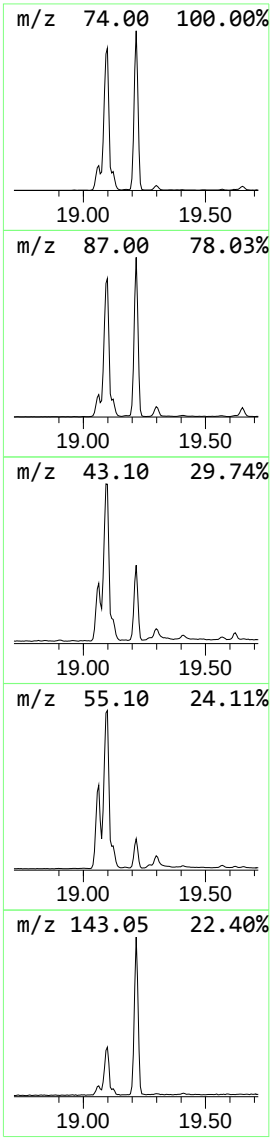
****

Peak Number 14 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.216	64.98 ng	3109980	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	99
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
Data File : BP006040.D
Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-062121

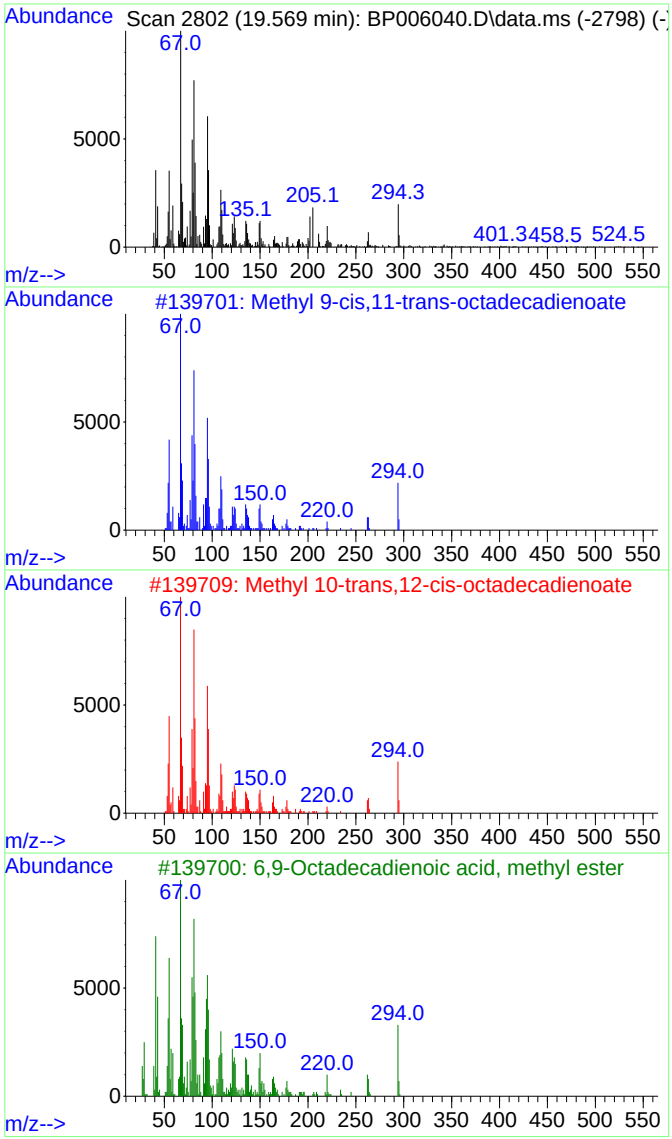
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

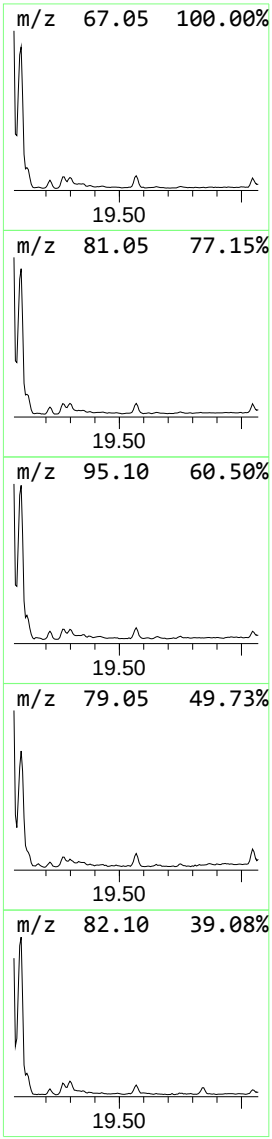
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Methyl 9-cis,11-trans-octad... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.569	3.22 ng	422002	Chrysene-d12	21.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	97
2	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	95
3	6,9-Octadecadienoic acid, methyl...	294	C19H34O2	056599-55-4	94
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	94
5	Methyl 6,11-octadecadienoate	294	C19H34O2	1000336-43-2	93





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Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-04-062121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

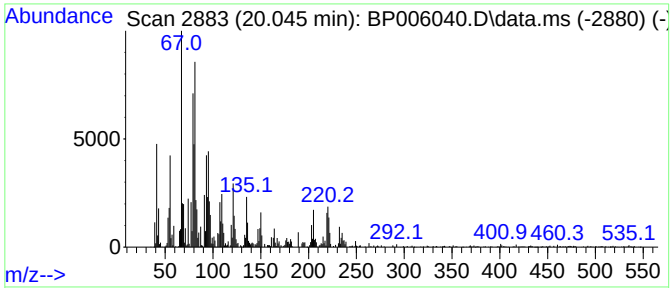
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

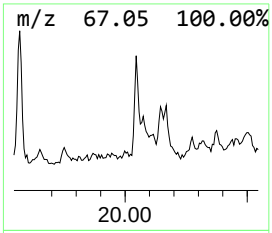
****

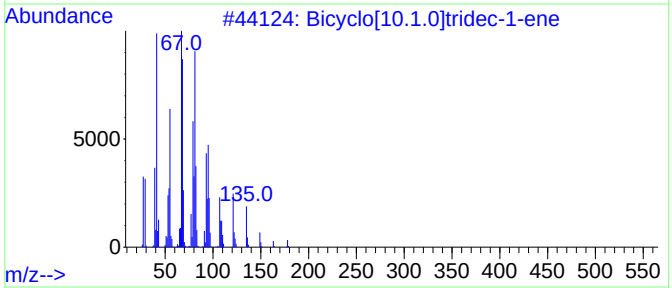
Peak Number 16 Bicyclo[10.1.0]tridec-1-ene Concentration Rank 19

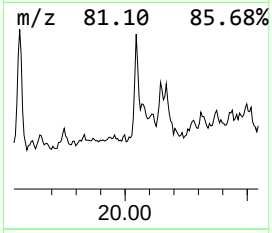
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.045	2.40 ng	314733	Chrysene-d12	21.369

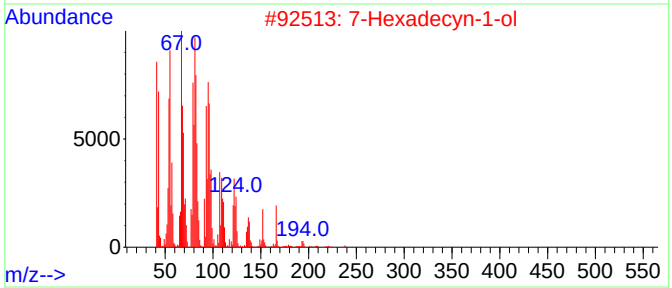
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	80
2	7-Hexadecyn-1-ol	238	C16H30O	000822-21-9	72
3	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	70
4	(7R,8S)-cis-anti-cis-7,8-Epoxytr...	178	C12H18O	073285-35-5	64
5	Cis-4-methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-29-2	62

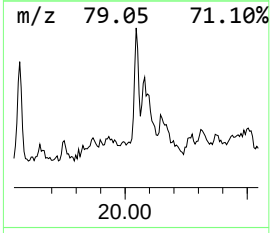


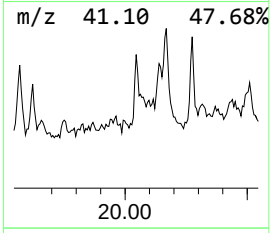


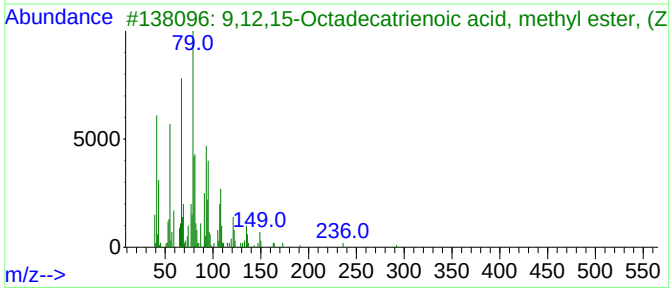


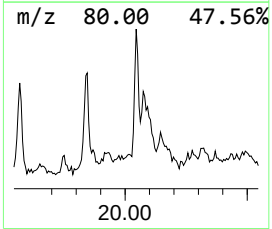












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Data File : BP006040.D
Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-04-062121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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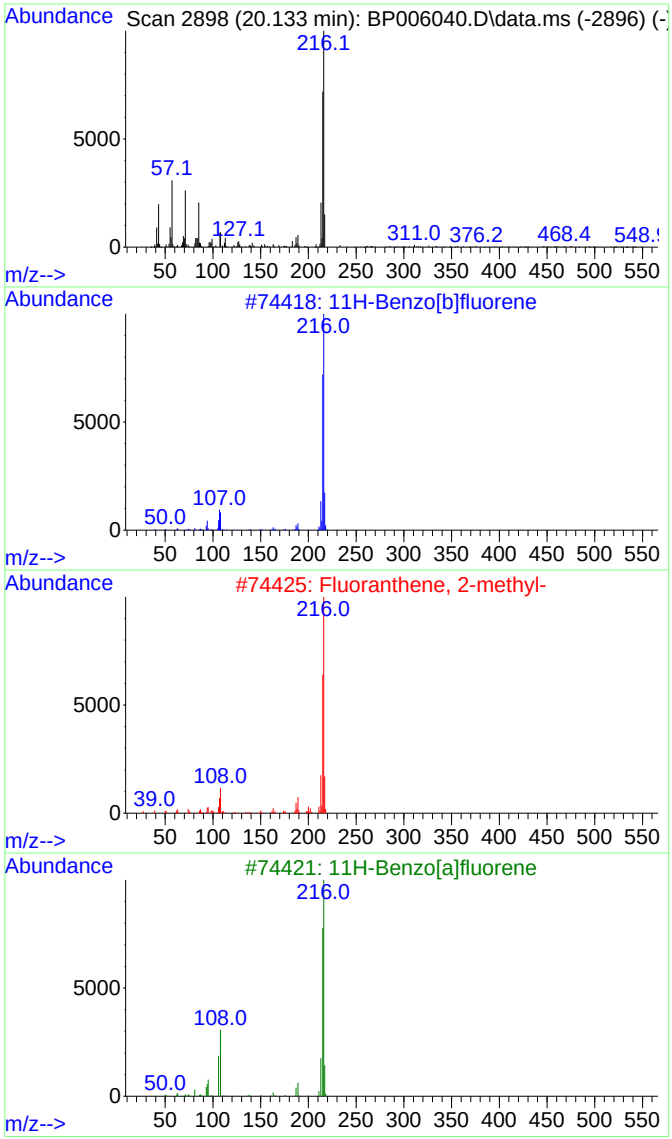
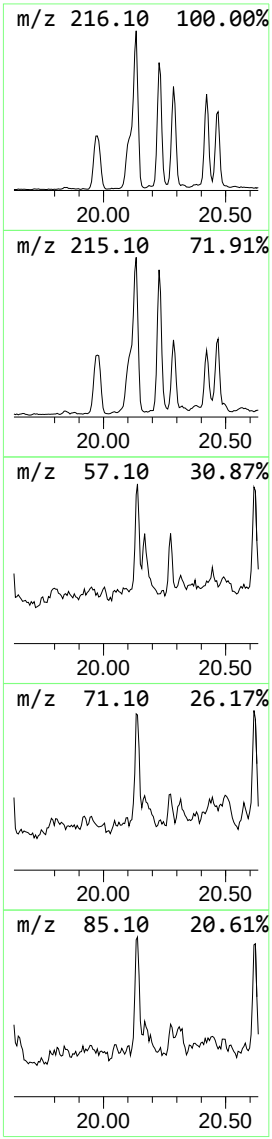
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.133	2.23 ng	292043	Chrysene-d12	21.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	59
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	58
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
Data File : BP006040.D
Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-062121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

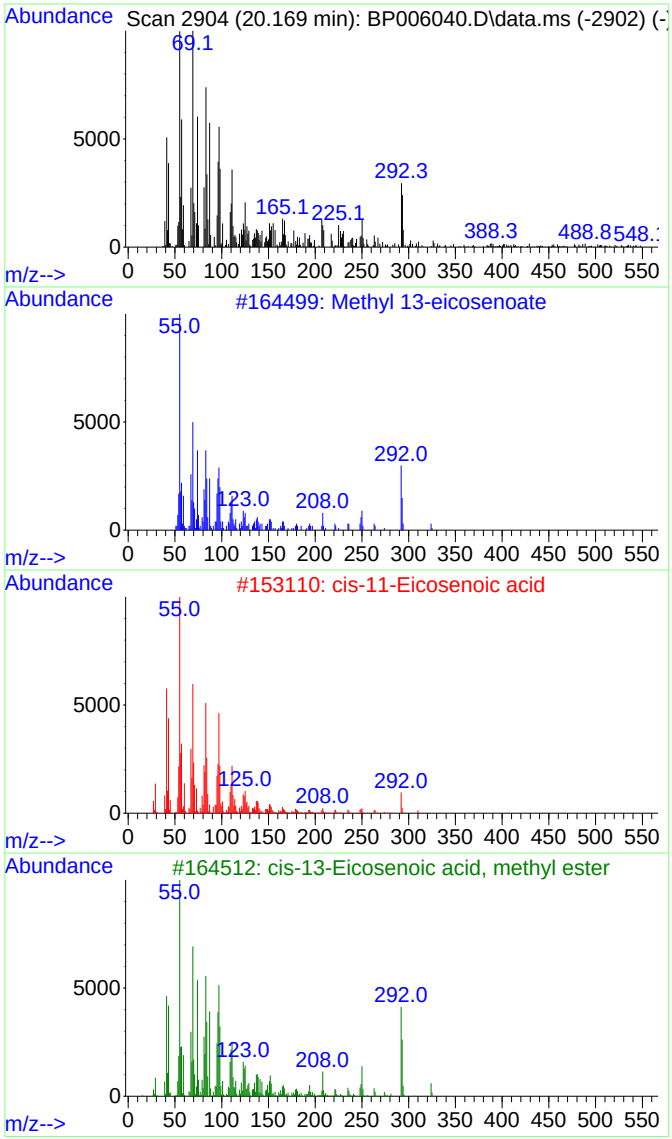
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

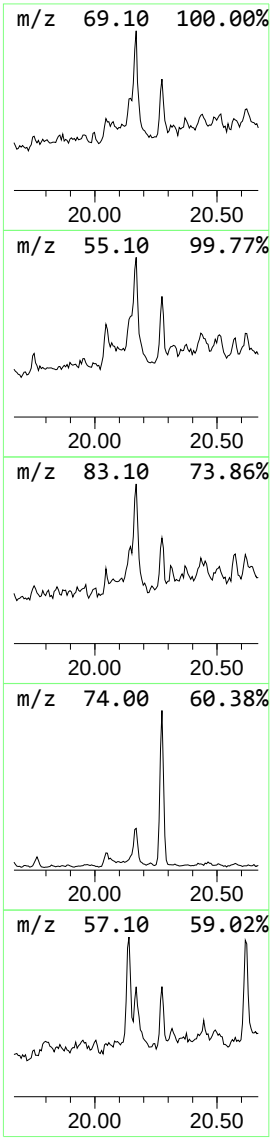
****

Peak Number 18 Methyl 13-eicosenoate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.169	2.49 ng	325816	Chrysene-d12	21.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 13-eicosenoate	324	C21H40O2	1000336-48-4	64
2	cis-11-Eicosenoic acid	310	C20H38O2	005561-99-9	50
3	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	49
4	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	49
5	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
Data File : BP006040.D
Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-062121

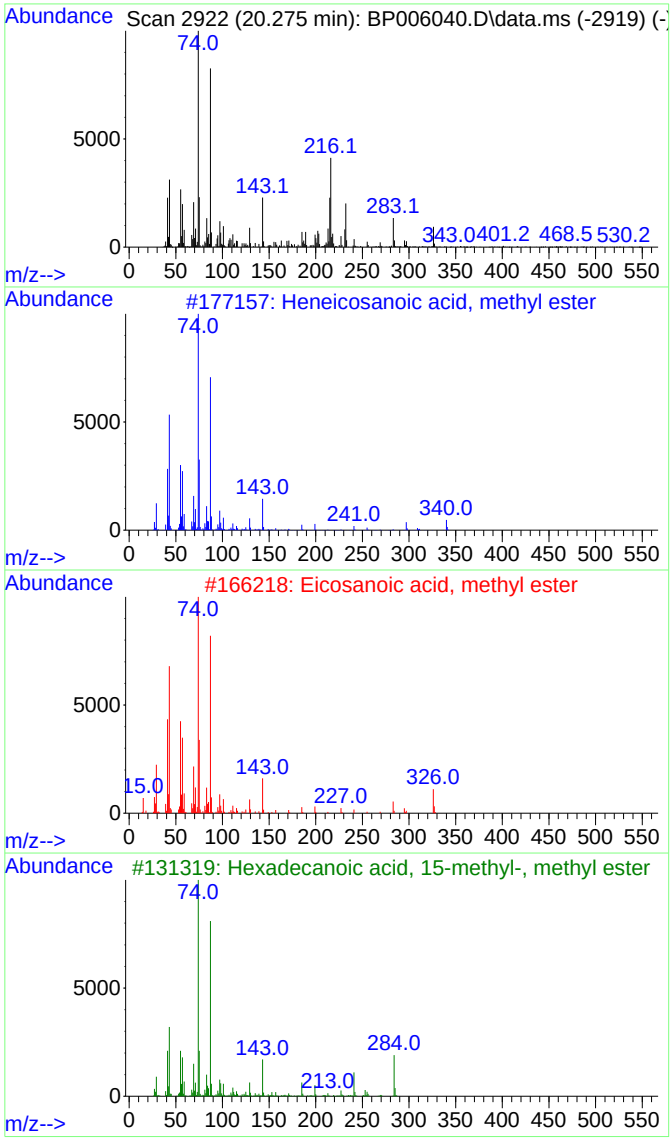
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

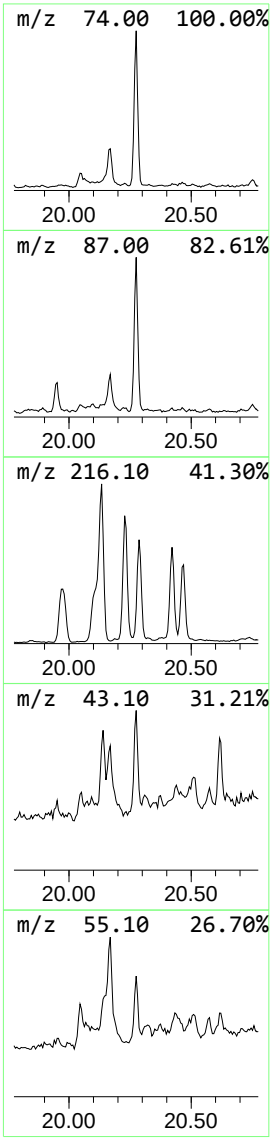
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Heneicosanoic acid, methyl ... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.275	4.80 ng	628952	Chrysene-d12	21.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	97
2	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	92
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91
4	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	84
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
Data File : BP006040.D
Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SU-04-062121

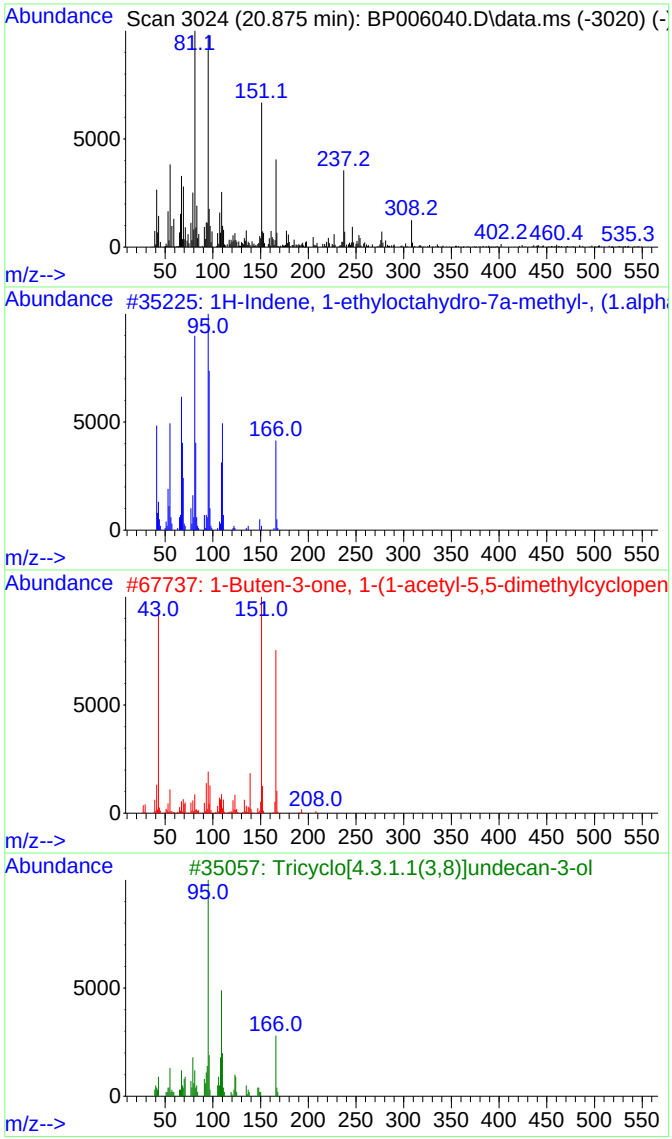
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

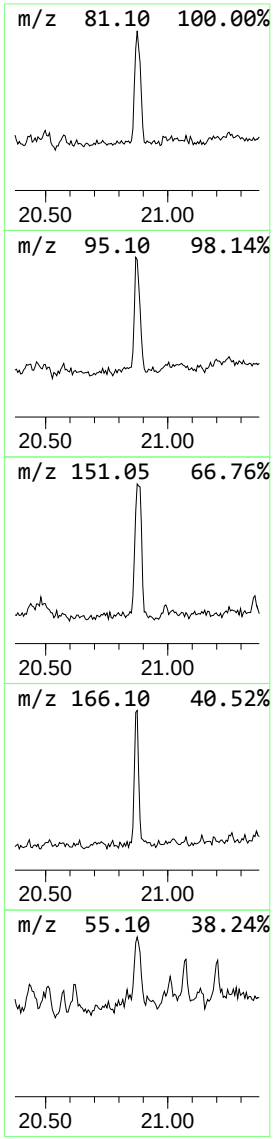
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 1H-Indene, 1-ethyloctahydro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.875	5.40 ng	707657	Chrysene-d12	21.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethyloctahydro-7a-m...	166	C12H22	056324-71-1	70
2	1-Buten-3-one, 1-(1-acetyl-5,5-d...	208	C13H20O2	1000197-42-8	60
3	Tricyclo[4.3.1.1(3,8)]undecan-3-ol	166	C11H18O	014504-80-4	41
4	Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	41
5	Bicyclo[2.2.1]heptan-2-one, 1,3,...	166	C11H18O	005811-48-3	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
Data File : BP006040.D
Acq On : 23 Jun 2021 18:10
Operator : CG/JU
Sample : M2790-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SU-04-062121

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecane, 2,6...	16.257	5.8	ng	275034	4	17.298	957148	20.0
Heptadecane	17.045	4.3	ng	205948	4	17.298	957148	20.0
Dibenzothiophene	17.104	6.0	ng	286205	4	17.298	957148	20.0
Eicosane	17.787	6.0	ng	285738	4	17.298	957148	20.0
9-Hexadecenoic ...	17.834	13.6	ng	650400	4	17.298	957148	20.0
Hexadecanoic ac...	17.963	142.2	ng	6804900	4	17.298	957148	20.0
Phenanthrene, 1...	18.163	5.6	ng	267824	4	17.298	957148	20.0
n-Hexadecanoic ...	18.186	9.3	ng	443722	4	17.298	957148	20.0
4H-Cyclopenta[d...	18.351	12.7	ng	608998	4	17.298	957148	20.0
Anthracene, 1-m...	18.381	4.7	ng	226312	4	17.298	957148	20.0
Heneicosane	18.457	5.2	ng	247751	4	17.298	957148	20.0
9,12-Octadecadi...	19.063	205.2	ng	9819130	4	17.298	957148	20.0
9-Octadecenoic ...	19.098	354.1	ng	16946300	4	17.298	957148	20.0
Methyl stearate	19.216	65.0	ng	3109980	4	17.298	957148	20.0
Methyl 9-cis,11...	19.569	3.2	ng	422002	5	21.369	2619110	20.0
Bicyclo[10.1.0]...	20.045	2.4	ng	314733	5	21.369	2619110	20.0
11H-Benzo[b]flu...	20.133	2.2	ng	292043	5	21.369	2619110	20.0
Methyl 13-eicos...	20.169	2.5	ng	325816	5	21.369	2619110	20.0
Heneicosanoic a...	20.275	4.8	ng	628952	5	21.369	2619110	20.0
1H-Indene, 1-et...	20.875	5.4	ng	707657	5	21.369	2619110	20.0