LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

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\8270-BP112719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.228	698	704	718	rVB	1651950	2010851	4.55%	1.242%
2	7.769	959	966	974	rBV	1706370	2165679	4.90%	1.337%
3	7.958	993	998	1010	rBV	1636507	2048619	4.63%	1.265%
4	8.328	1055	1061	1066	rBV	1110106	1287724	2.91%	0.795%
5	8.569	1096	1102	1106	rBV	1300655	1583833	3.58%	0.978%
6	9.205	1204	1210	1214	rBV	1127077	1283415	2.90%	0.793%
7	10.363	1401	1407	1410	rBV	1344171	1594825	3.61%	0.985%
8	10.393	1410	1412	1420	rVB	418593	483246	1.09%	0.298%
9	11.528	1595	1605	1610	rBV	491546	558929	1.26%	0.345%
10	12.140	1702	1709	1714	rBV	1850168	2116406	4.79%	1.307%
11	13.228	1888	1894	1898	rBV	1451614	1782141	4.03%	1.101%
12	14.128	2042	2047	2053	rVB	589179	739815	1.67%	0.457%
13	14.516	2104	2113	2124	rBV2	925843	1305092	2.95%	0.806%
14	14.998	2190	2195	2199	rBV	1318122	1553945	3.51%	0.960%
15	15.628	2297	2302	2304	rBV	1288156	1608740	3.64%	0.993%
16	15.663	2304	2308	2311	rVB	2680572	2900006	6.56%	1.791%
17	15.740	2317	2321	2325	rVB	741489	828443	1.87%	0.512%
18	16.210	2397	2401	2405	rVB	1706931	1997569	4.52%	1.234%
19	16.339	2415	2423	2426	rBV	14319411	19708218	44.56%	12.171%
20	16.381	2427	2430	2433	rVV	461348	473114	1.07%	0.292%
21	16.416	2433	2436	2443	rVB	551448	639789	1.45%	0.395%
22	16.534	2451	2456	2459	rVV	696794	924561	2.09%	0.571%
23	16.898	2514	2518	2524	rBV	536467	594236	1.34%	0.367%
24	17.304	2578	2587	2590	rVV	15401678	32921852	74.44%	20.331%
25	17.351	2590	2595	2606	rVV4	20471886	44223541	100.00%	27.311%
26	17.445	2606	2611	2615	rVV	9212146	11338495	25.64%	7.002%
27	17.686	2646	2652	2656	rVB	2257147	2856542	6.46%	1.764%
28	17.751	2659	2663	2668	rVB2	315419	443017	1.00%	0.274%
29	17.916	2685	2691	2698	rVB	1941546	2207653	4.99%	1.363%
30	17.998	2698	2705	2709	rBV3	223552	459088	1.04%	0.284%
31	18.139	2726	2729	2733	rVB	503344	569708	1.29%	0.352%
32	18.228	2740	2744	2747	rVB	438410	499587	1.13%	0.309%
33	18.275	2747	2752	2753	rBV	641405	709819	1.61%	0.438%
34	18.298	2753	2756	2763	rVB	999239	1317053	2.98%	0.813%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

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\8270-BP112719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.398	2768	2773	2776	rBV2	655949	901369	2.04%	0.557%
36	18.939	2861	2865	2870	rBV3	323873	528695	1.20%	0.326%
37	19.269	2912	2921	2925	rBV3	2271683	3928159	8.88%	2.426%
38	19.304	2925	2927	2930	rVB	1227589	1078412	2.44%	0.666%
39	19.775	3001	3007	3010	rVV	395376	539955	1.22%	0.333%
40	20.563	3136	3141	3144	rBV	1037877	1787457	4.04%	1.104%
41	20.904	3195	3199	3206	rVB	611298	901067	2.04%	0.556%
42	20.980	3207	3212	3216	rBV	948872	1297160	2.93%	0.801%
43	21.051	3219	3224	3228	rBV	1090873	1596864	3.61%	0.986%
44	22.704	3499	3505	3514	rVB2	413343	944701	2.14%	0.583%
45	23.192	3582	3588	3599	rVB	296004	689120	1.56%	0.426%

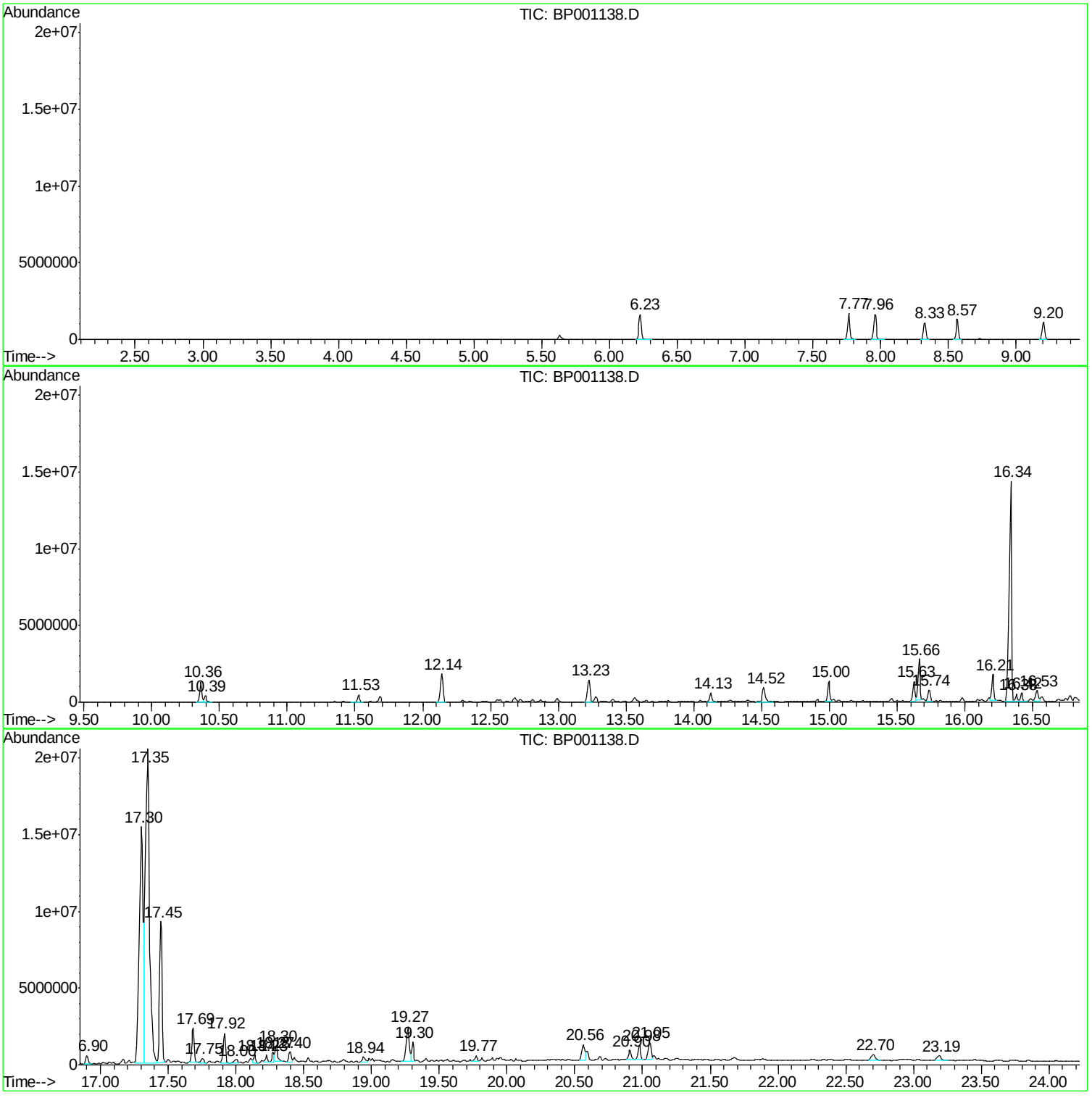
Sum of corrected areas: 161928510

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-05-112619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

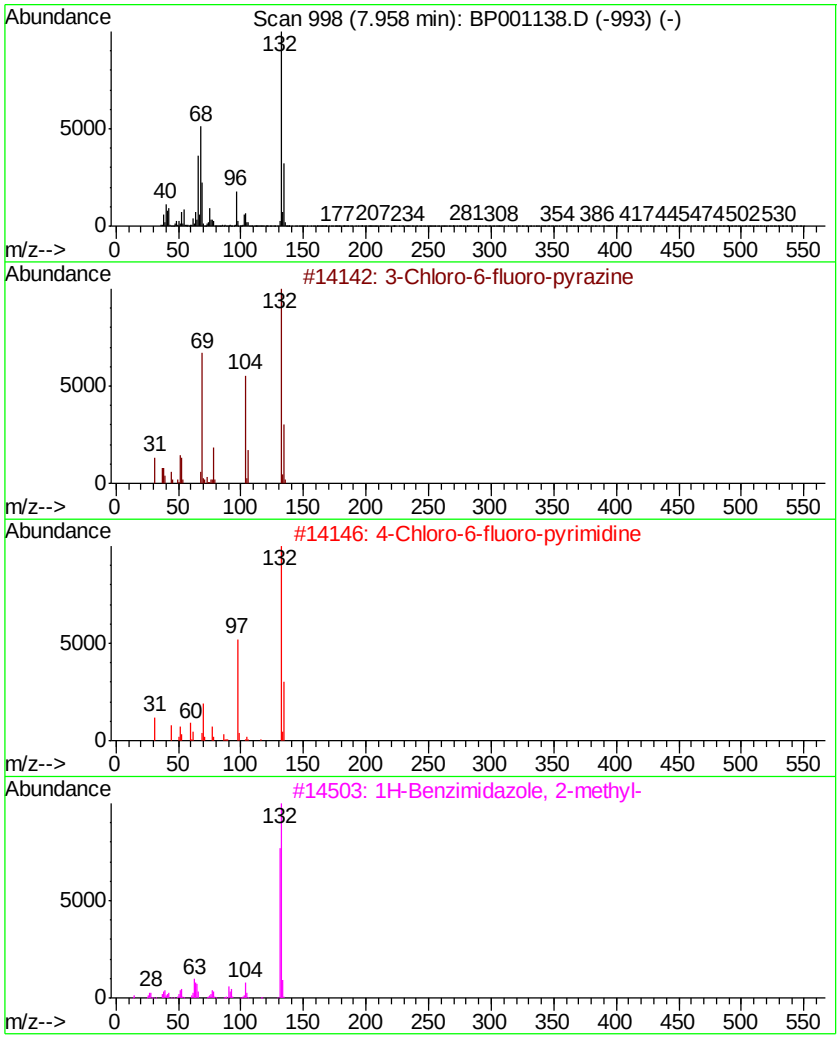
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

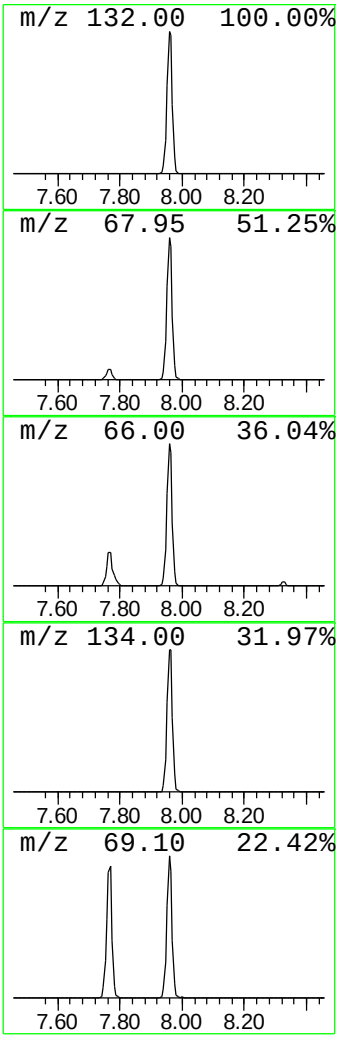
****

Peak Number 1 unknown7.96 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	31.82 ng	2048620	1,4-Dichlorobenzene-d4	8.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

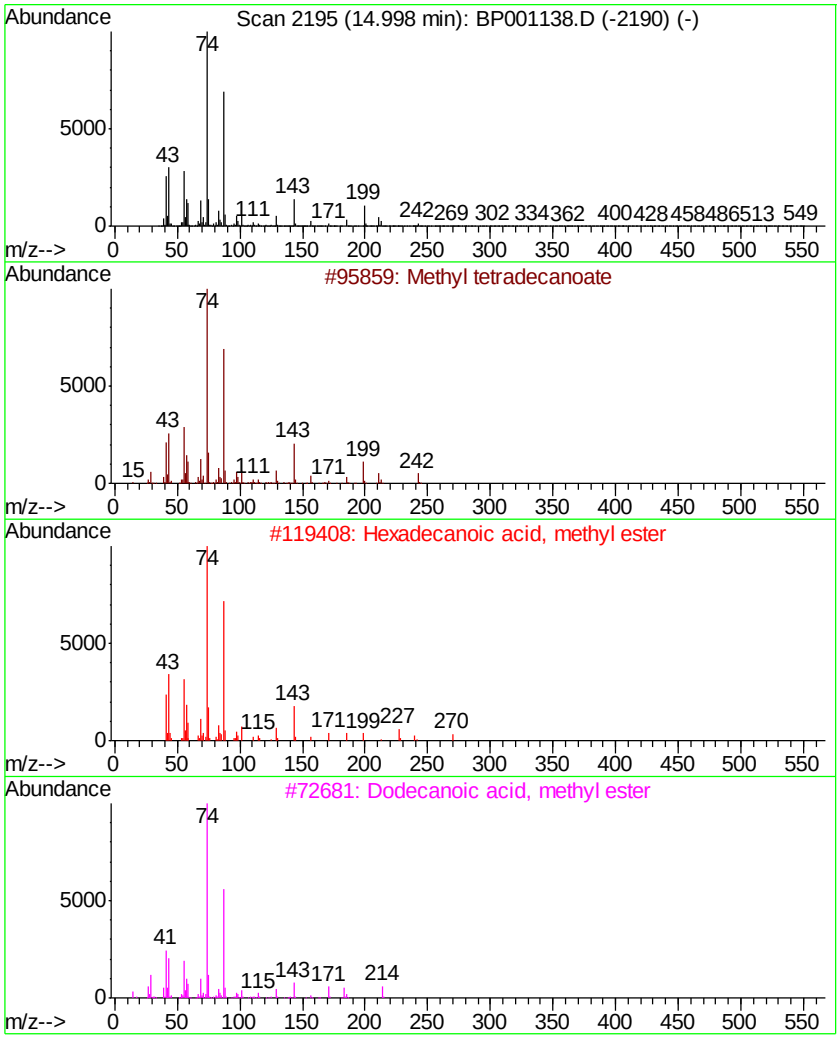
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

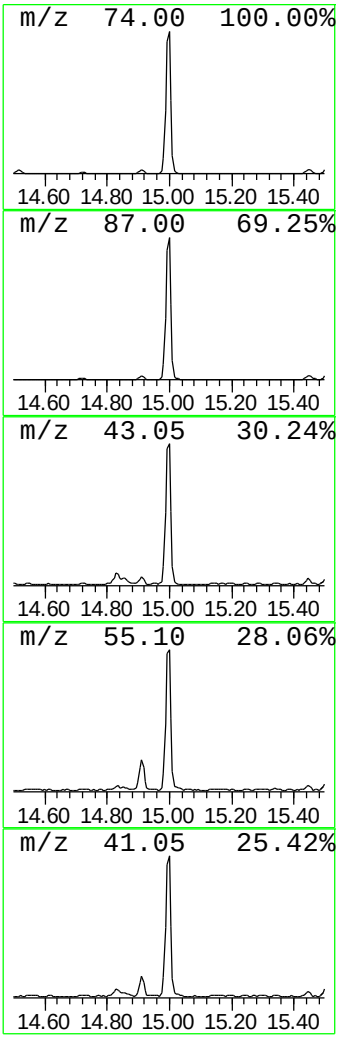
****

Peak Number 3 Methyl tetradecanoate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	19.32 ng	1553950	Phenanthrene-d10	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
3	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	86
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

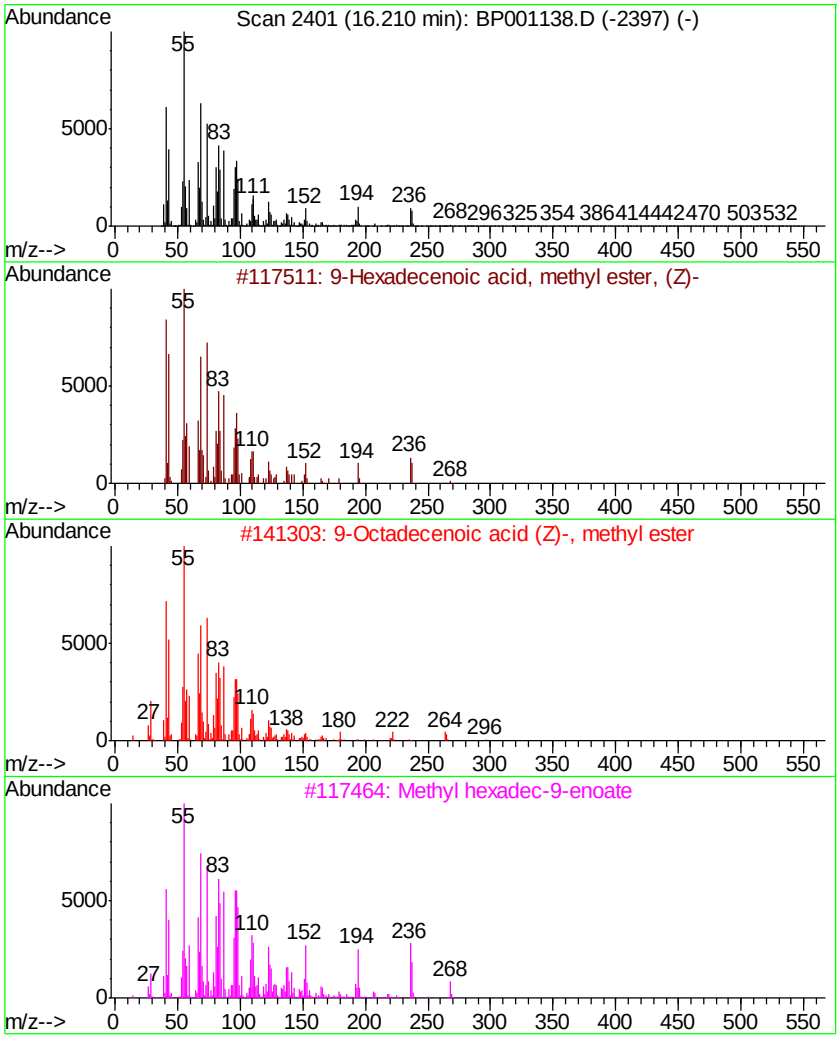
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

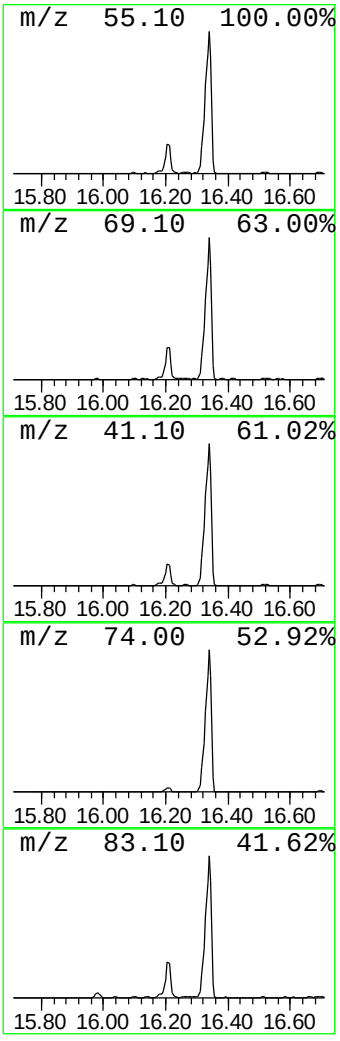
****

Peak Number 4 9-Hexadecenoic acid, methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.21	24.83 ng	1997570	Phenanthrene-d10	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	98
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
3	Methyl hexadec-9-enoate	268	C17H32O2	010030-74-7	91
4	Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	87
5	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

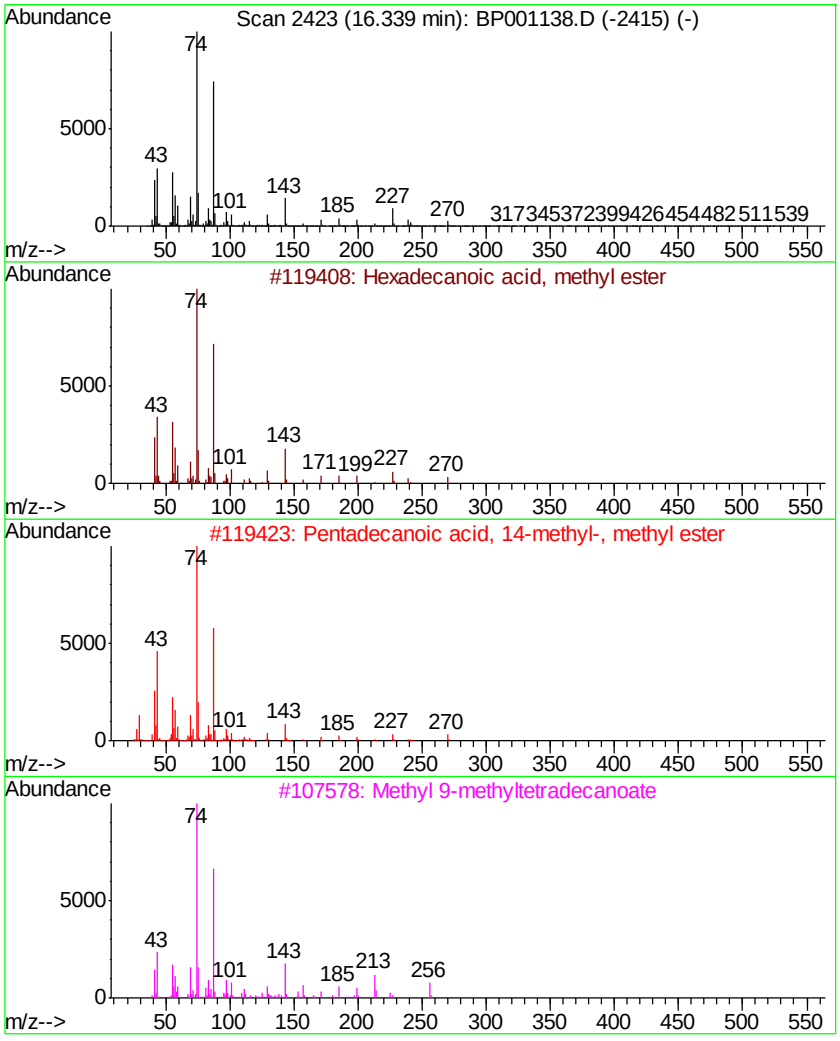
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

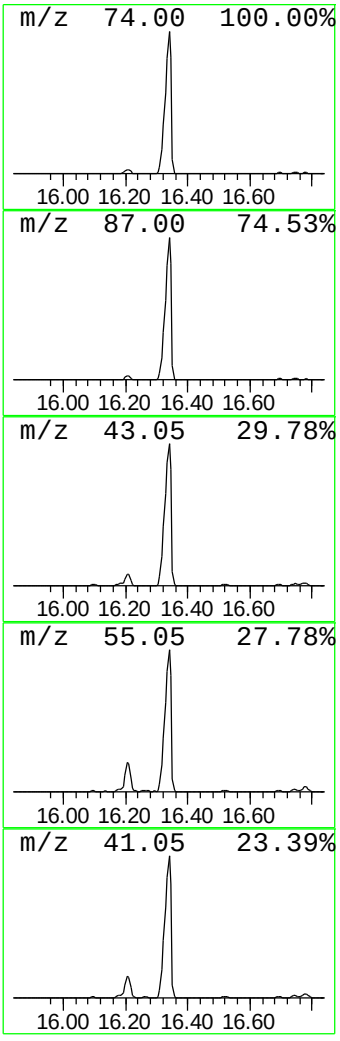
****

Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	245.01 ng	19708200	Phenanthrene-d10	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

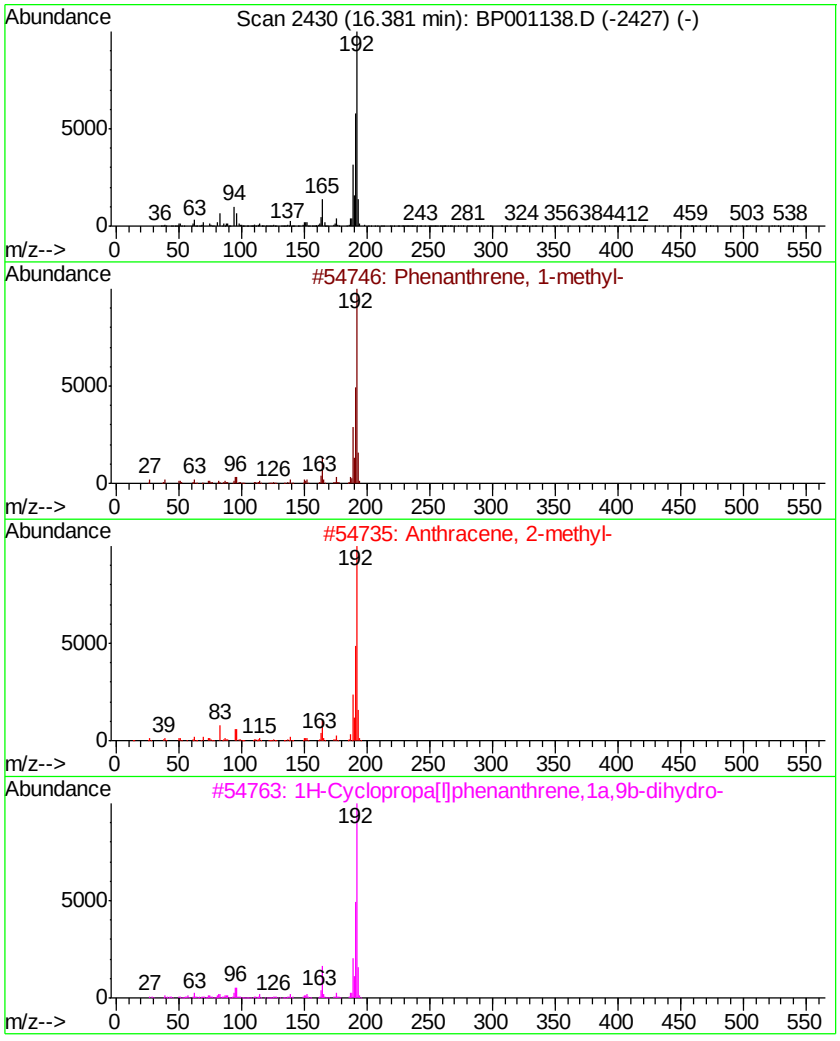
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

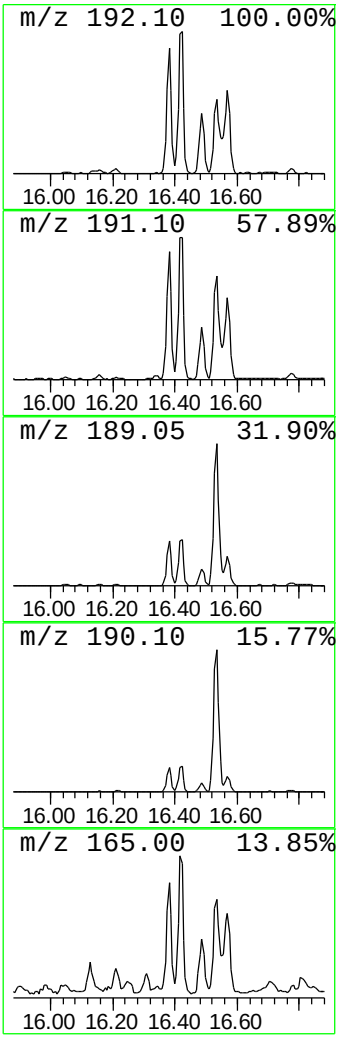
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	5.88 ng	473114	Phenanthrene-d10	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

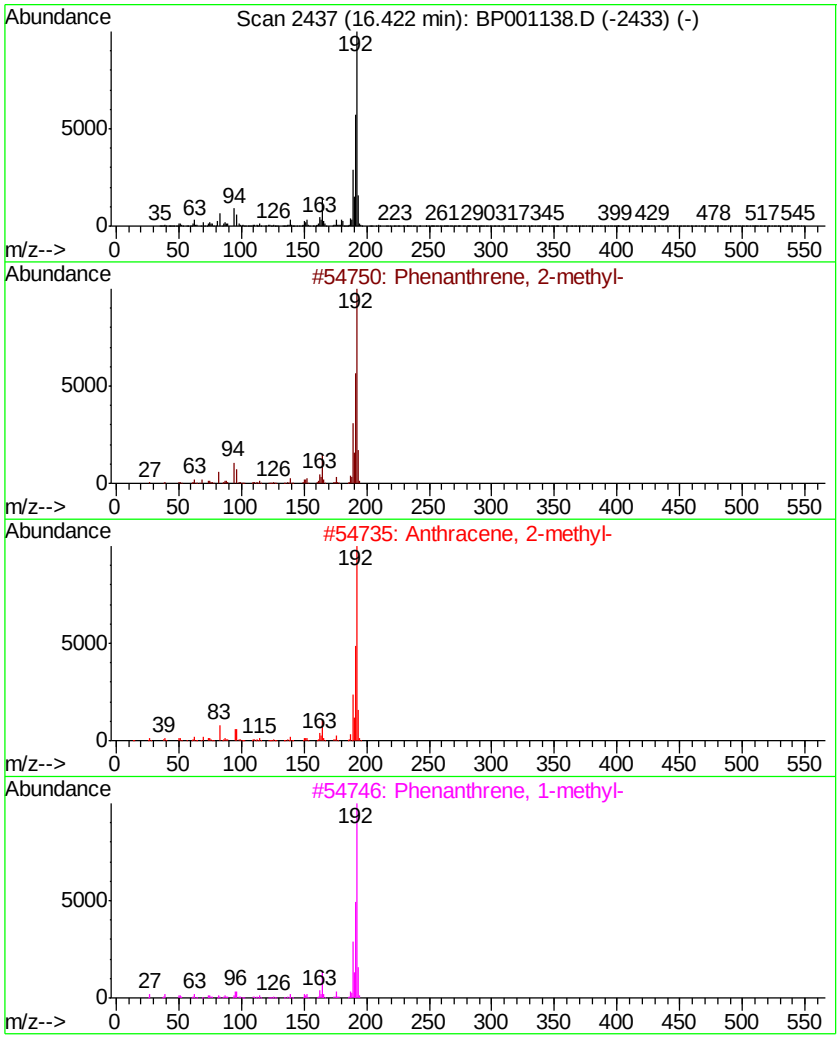
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

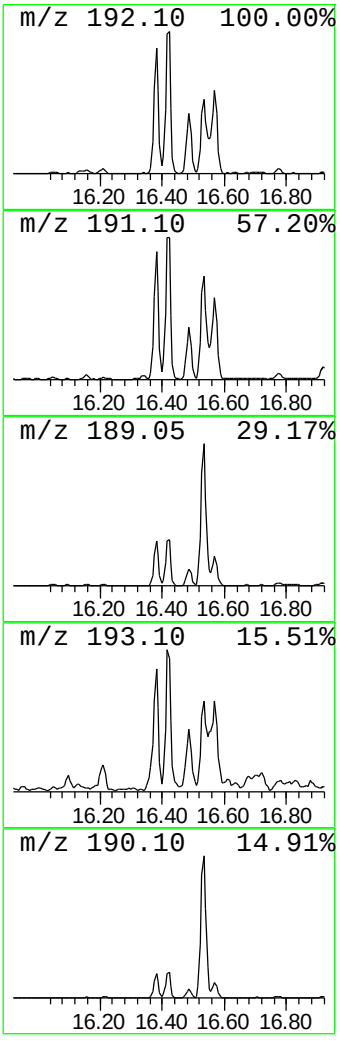
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	7.95 ng	639789	Phenanthrene-d10	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

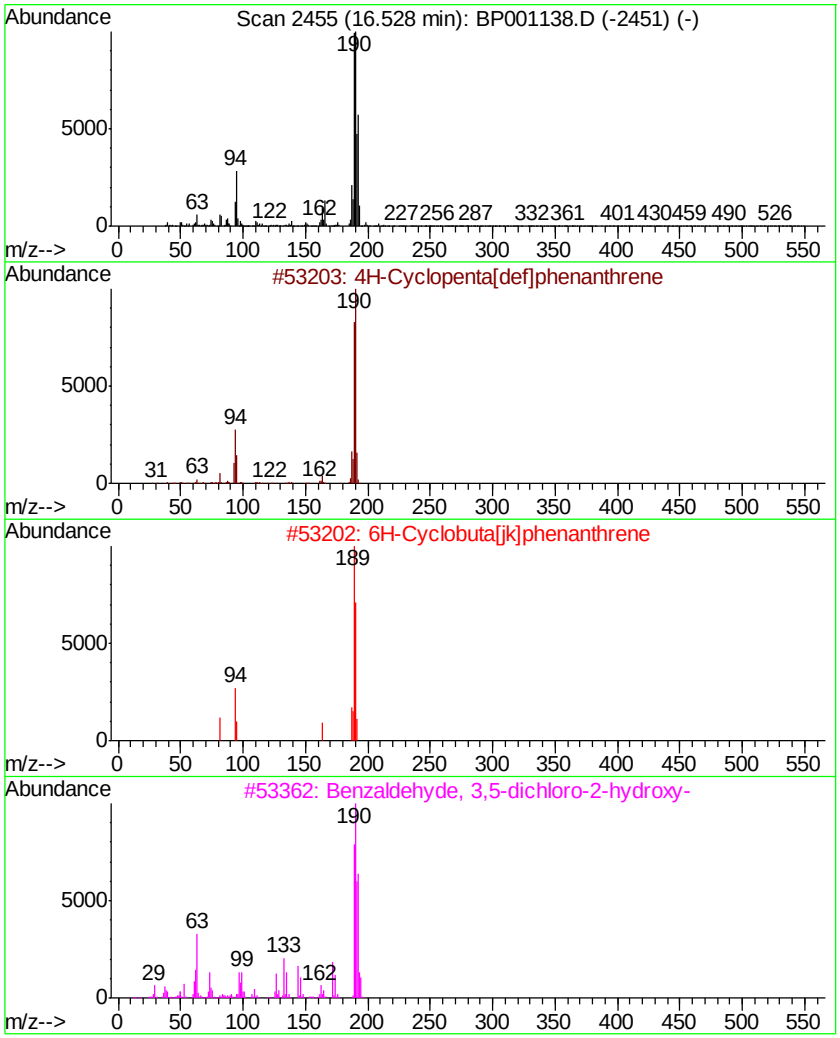
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

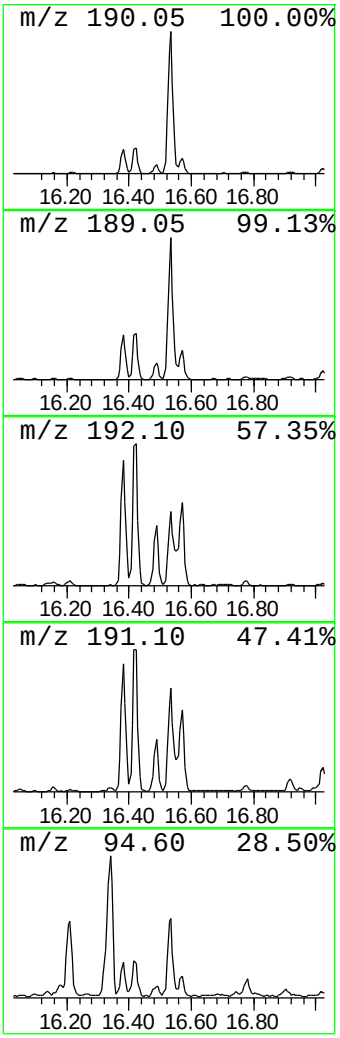
****

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	11.49 ng	924561	Phenanthrene-d10	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

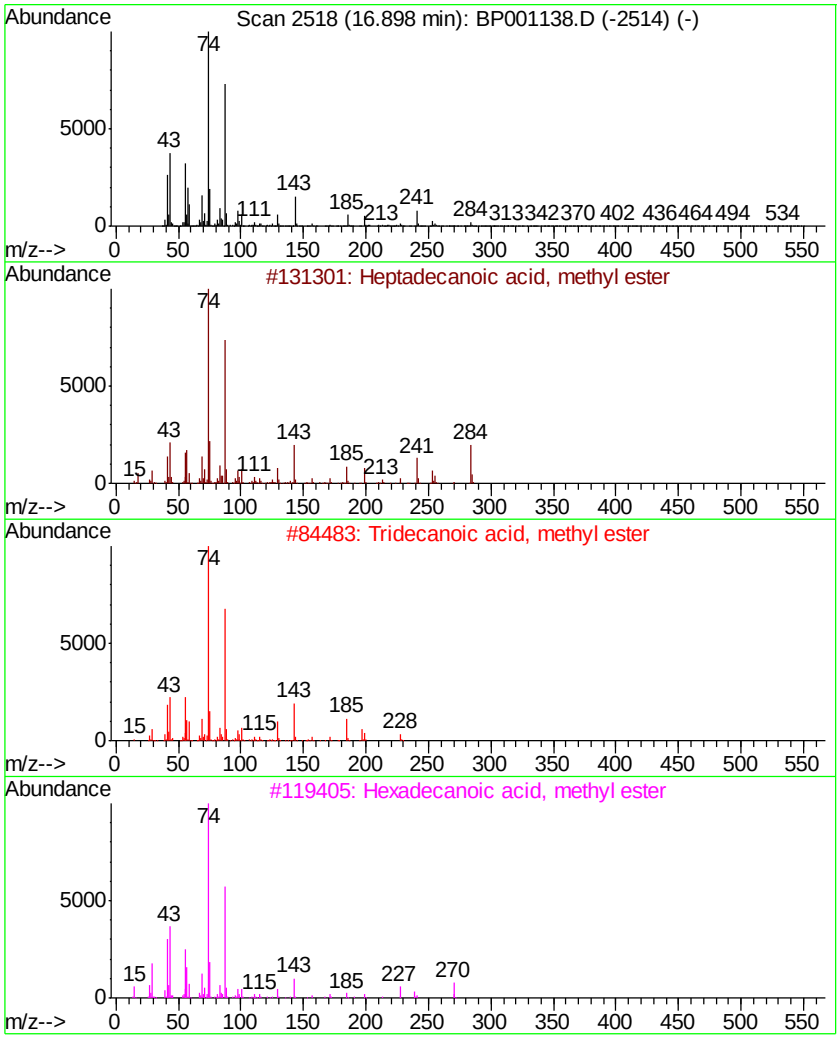
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

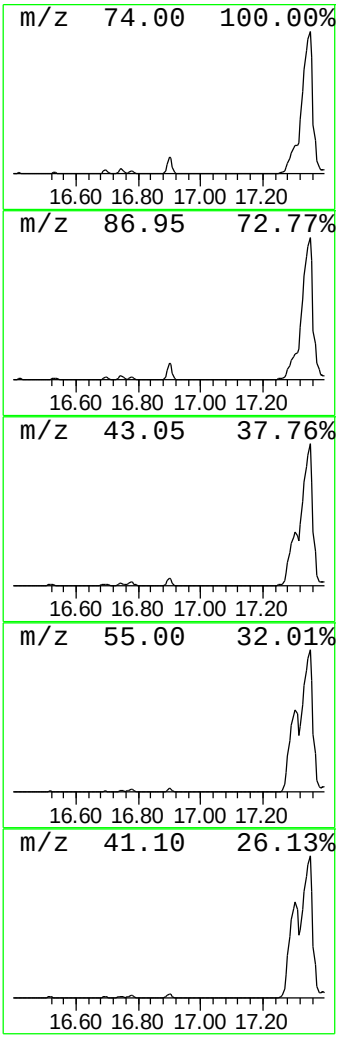
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Heptadecanoic acid, methyl ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	7.39 ng	594236	Phenanthrene-d10	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	98
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

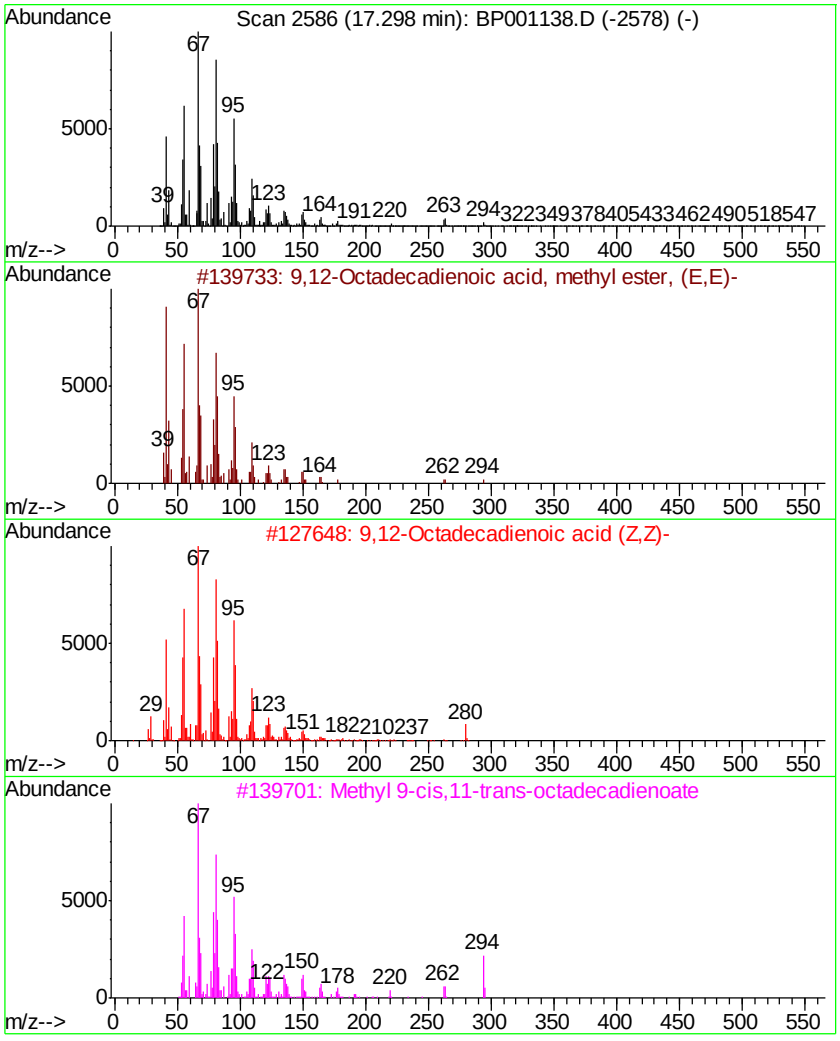
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

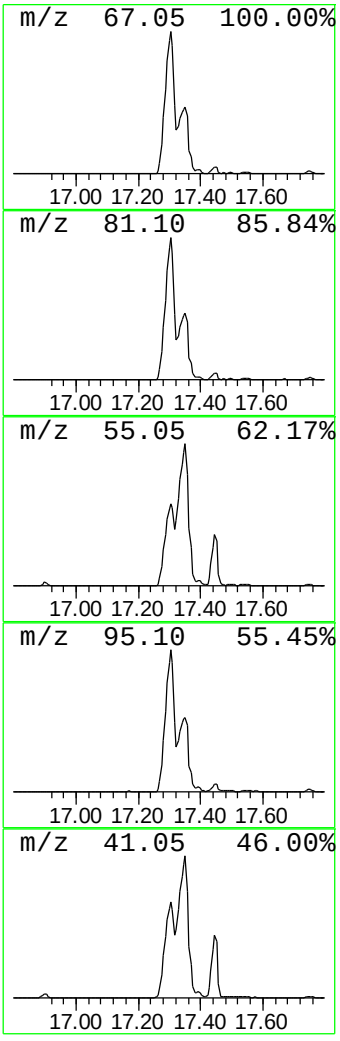
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	409.29 ng	32921900	Phenanthrene-d10	15.63

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)-	280	C18H32O2	000060-33-3	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

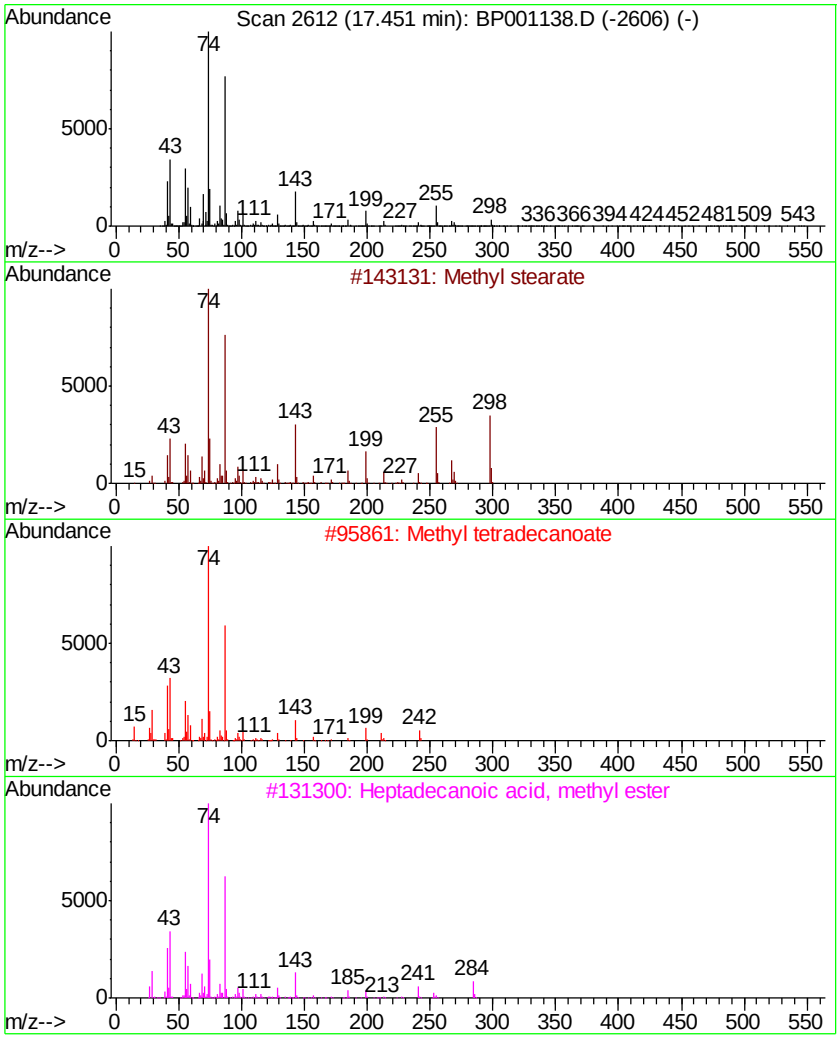
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

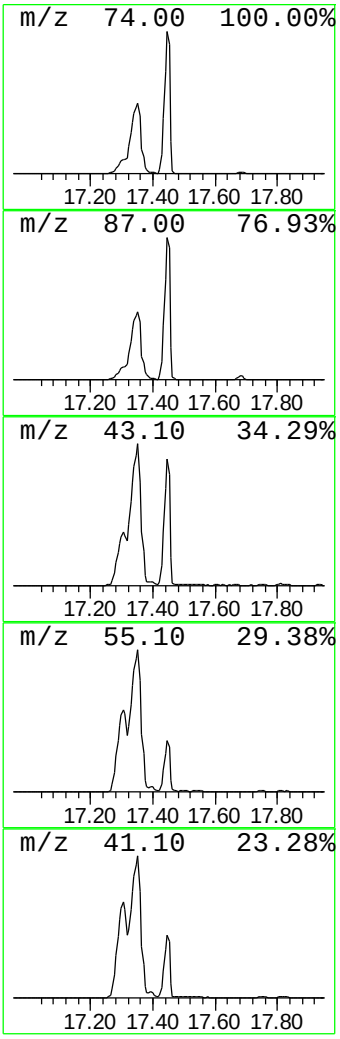
****

Peak Number 11 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	140.96 ng	11338500	Phenanthrene-d10	15.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

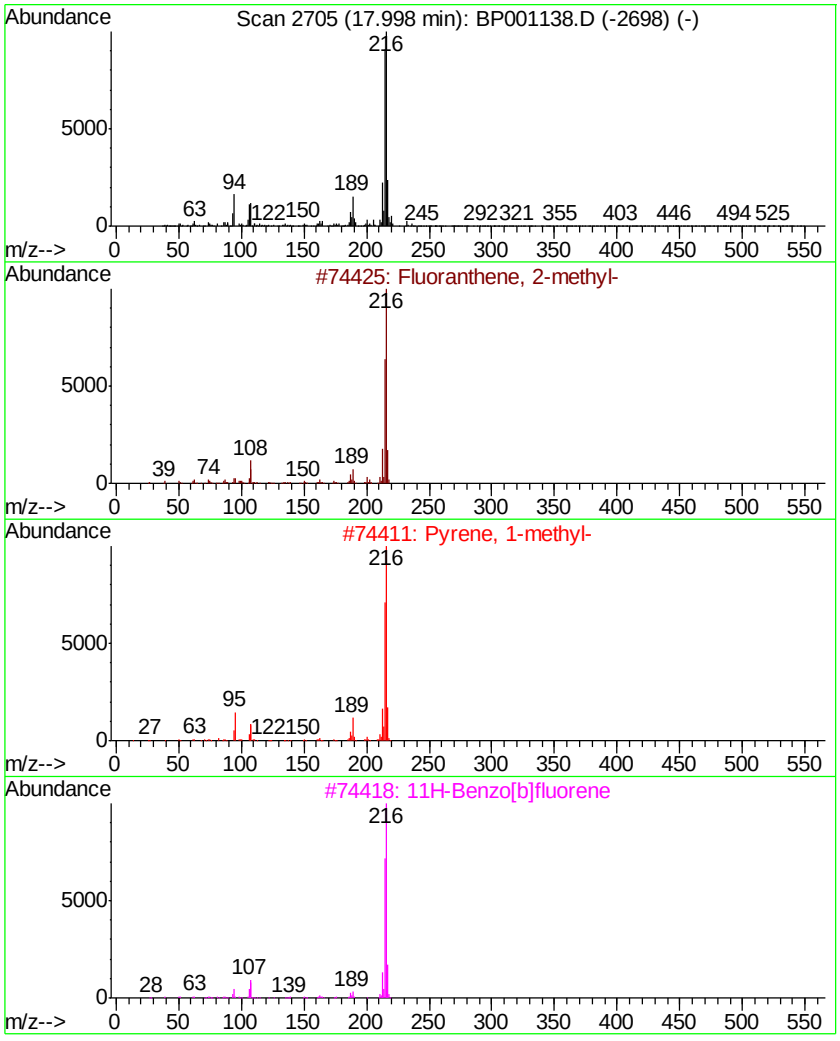
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

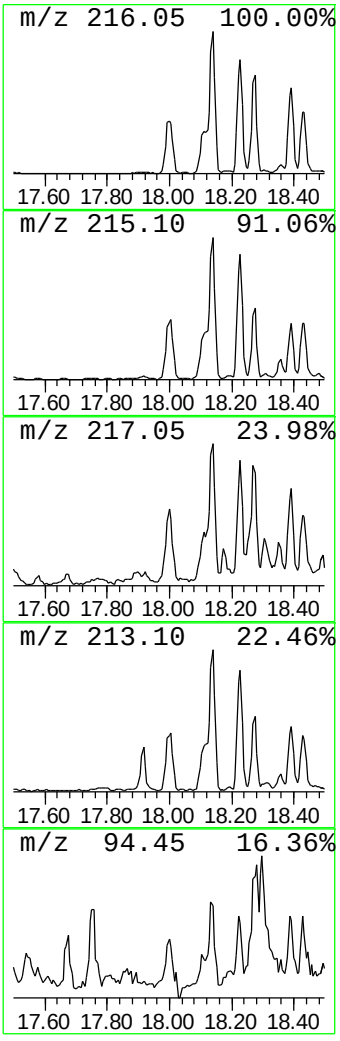
****

Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	2.34 ng	459088	Chrysene-d12	19.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

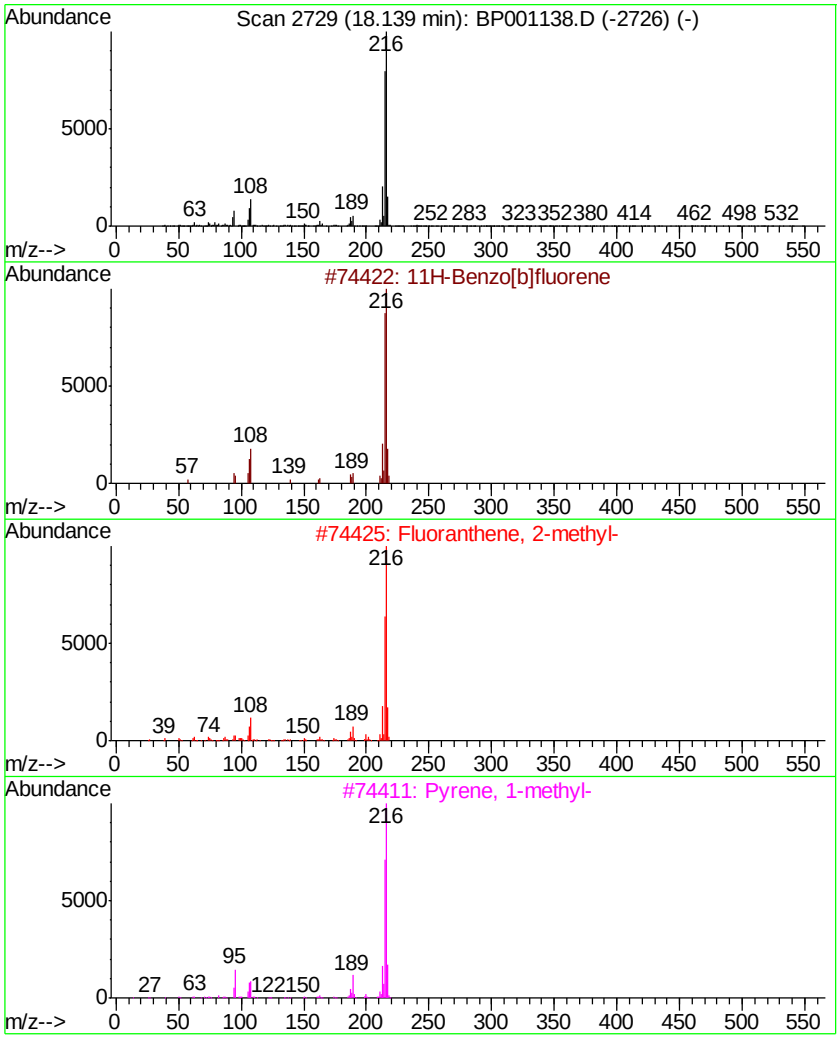
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

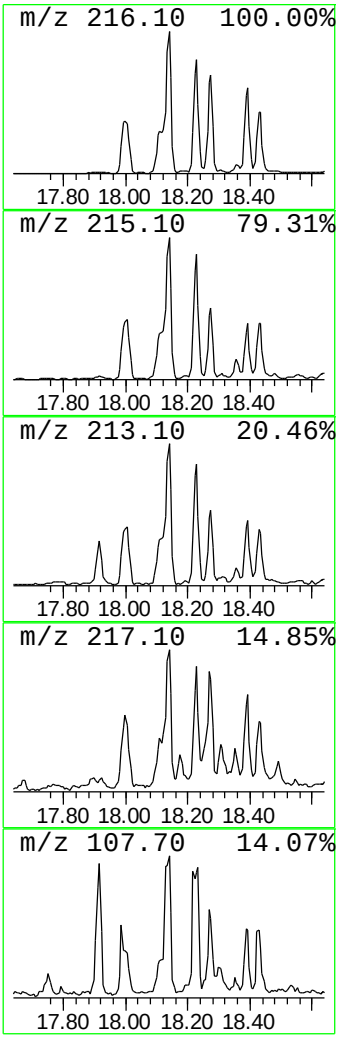
****

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.90 ng	569708	Chrysene-d12	19.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	: 4-((2-Methylphenyl)diazenyl)-1...	216	C10H12N6	1000332-58-9	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

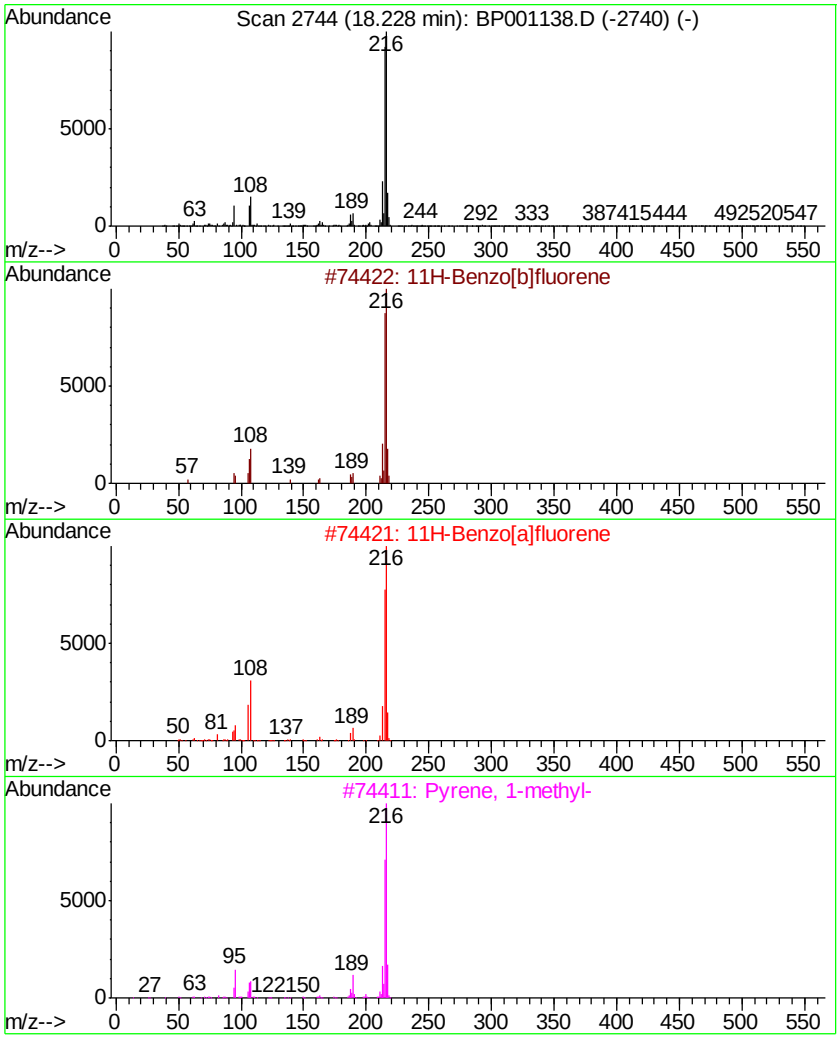
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

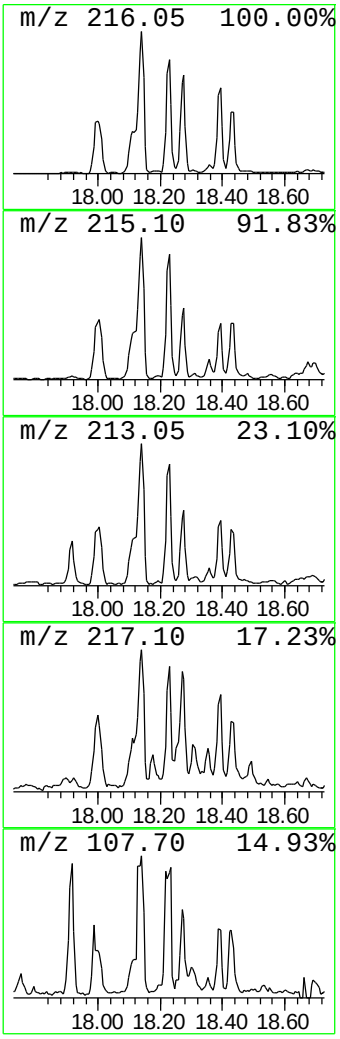
****

Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.54 ng	499587	Chrysene-d12	19.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	60





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

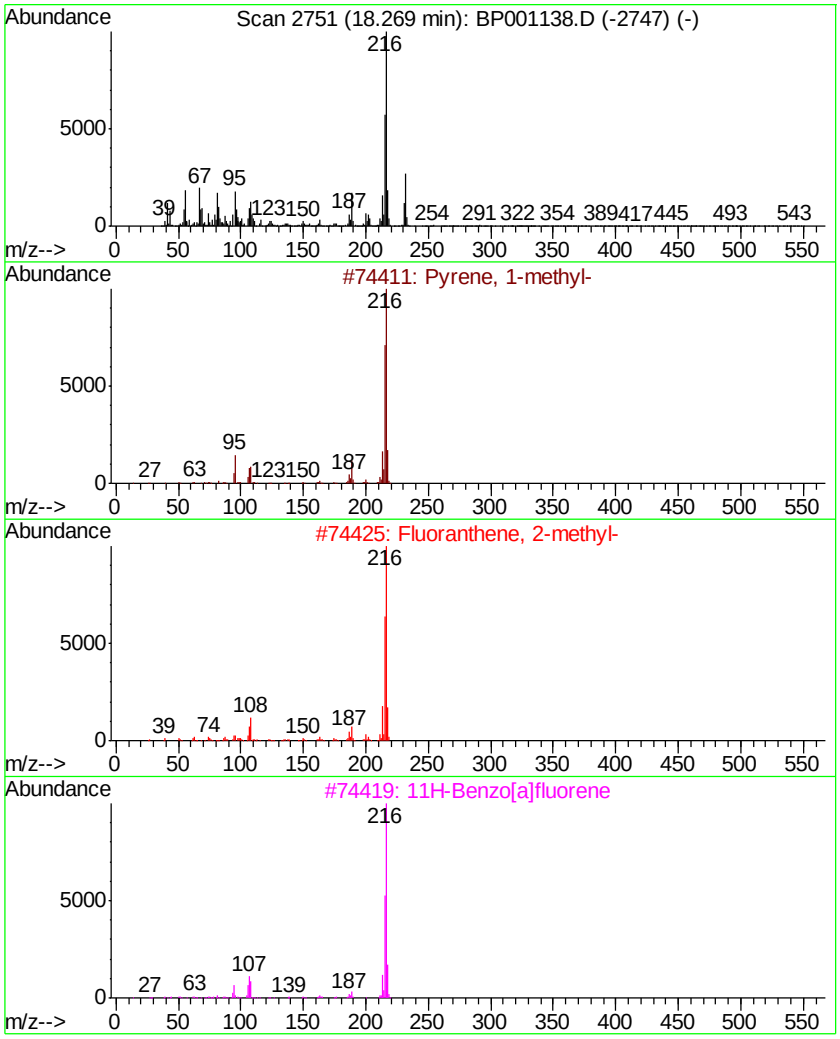
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

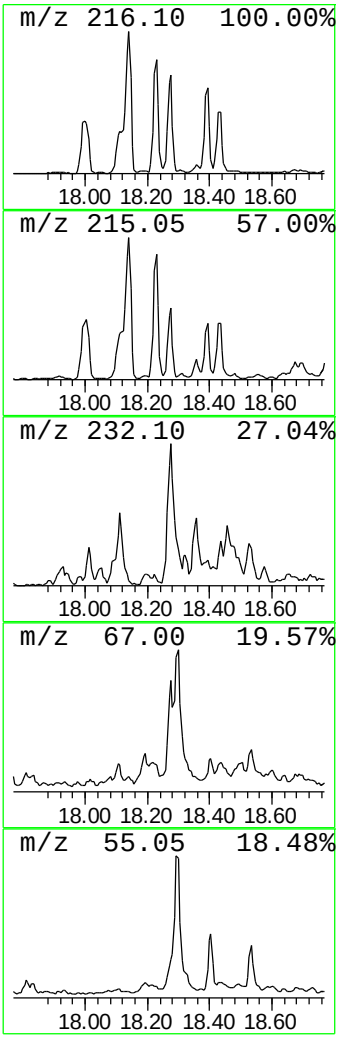
****

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	3.61 ng	709819	Chrysene-d12	19.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

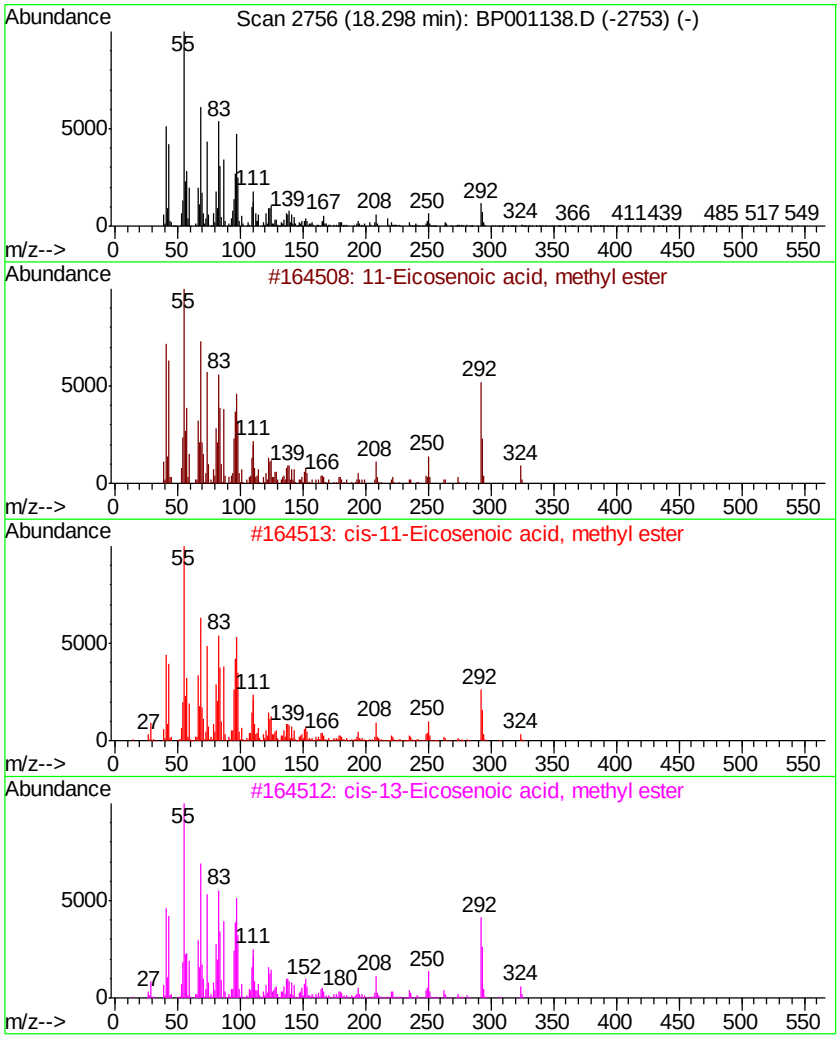
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

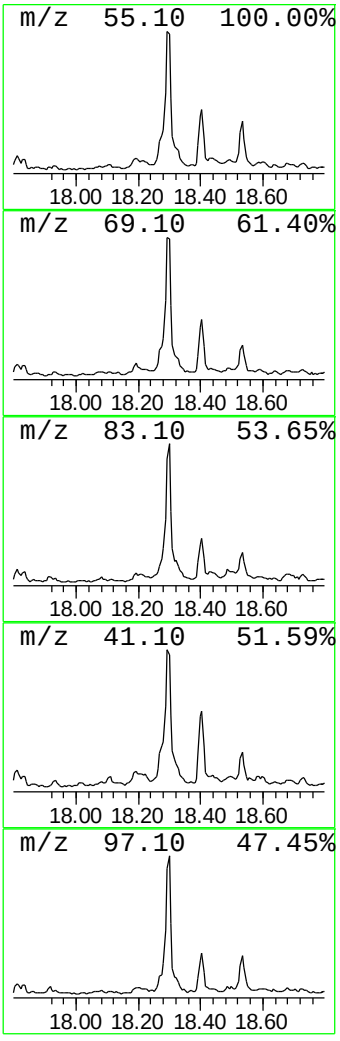
****

Peak Number 16 11-Eicosenoic acid, methyl ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	6.71 ng	1317050	Chrysene-d12	19.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	99
2	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	90
3	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	86
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	76
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

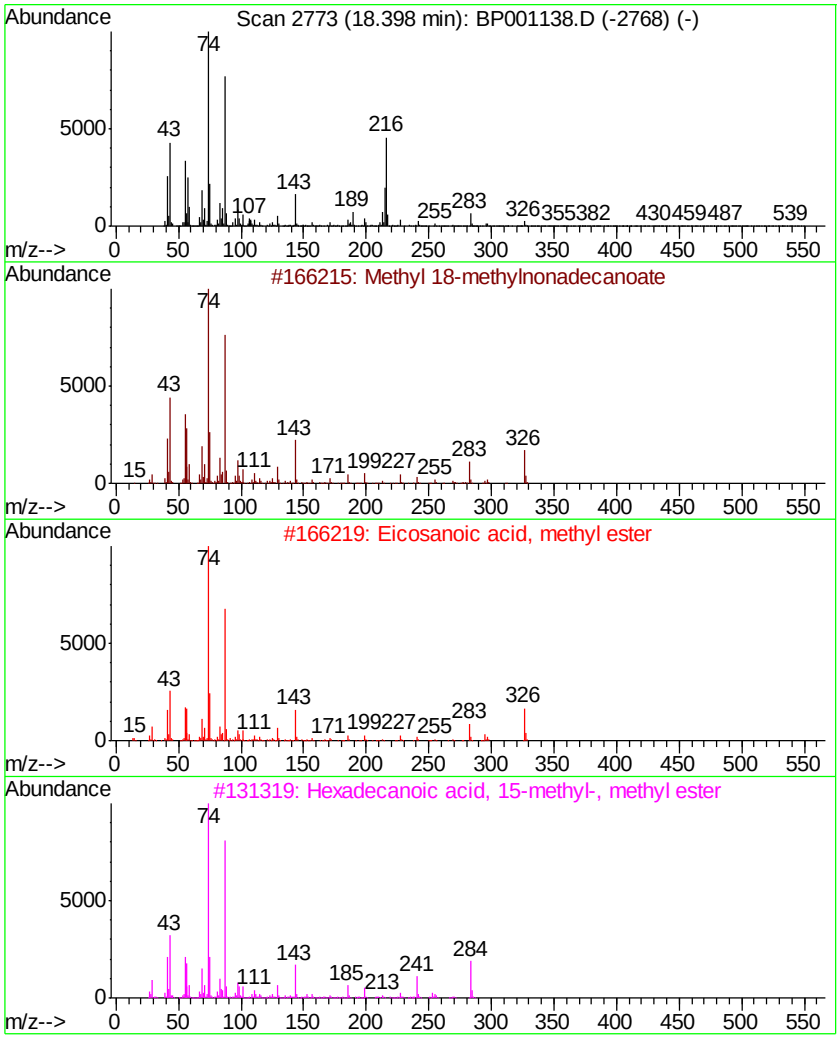
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

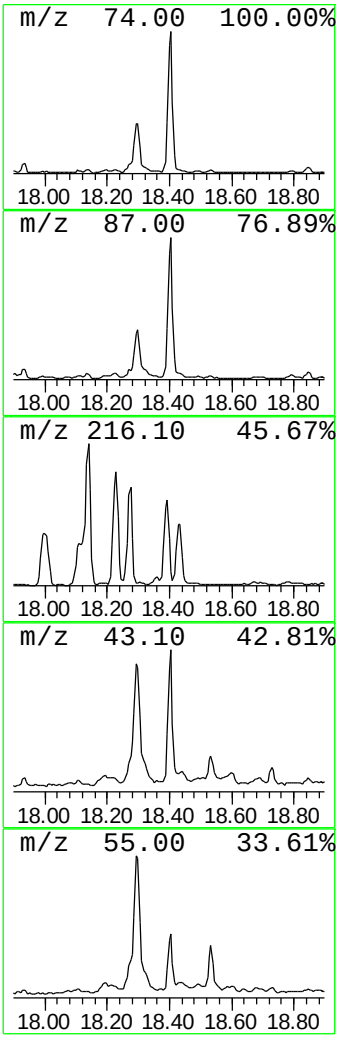
****

Peak Number 17 Methyl 18-methylnonadecanoate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	4.59 ng	901369	Chrysene-d12	19.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	97
2	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	96
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	96
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
5	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

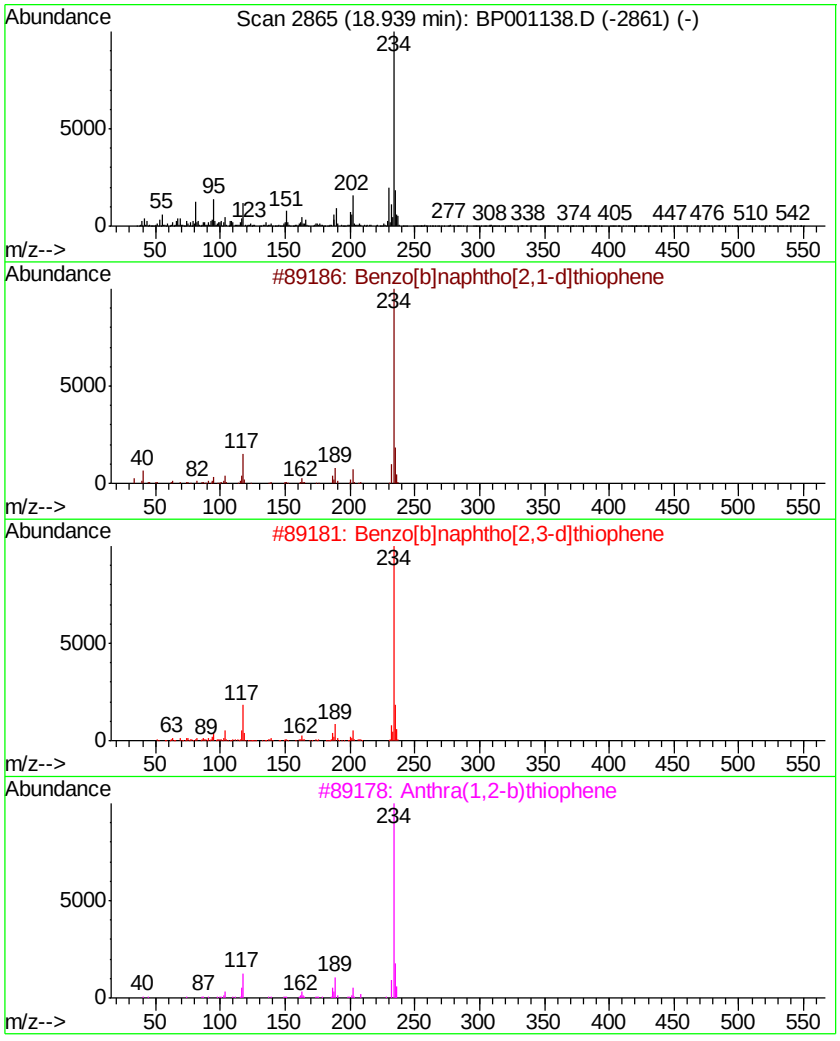
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

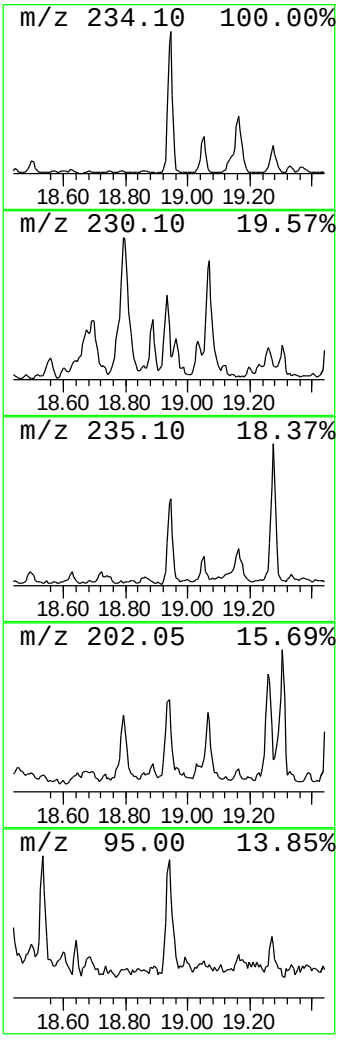
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	2.69 ng	528695	Chrysene-d12	19.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
3	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	93
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	89
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

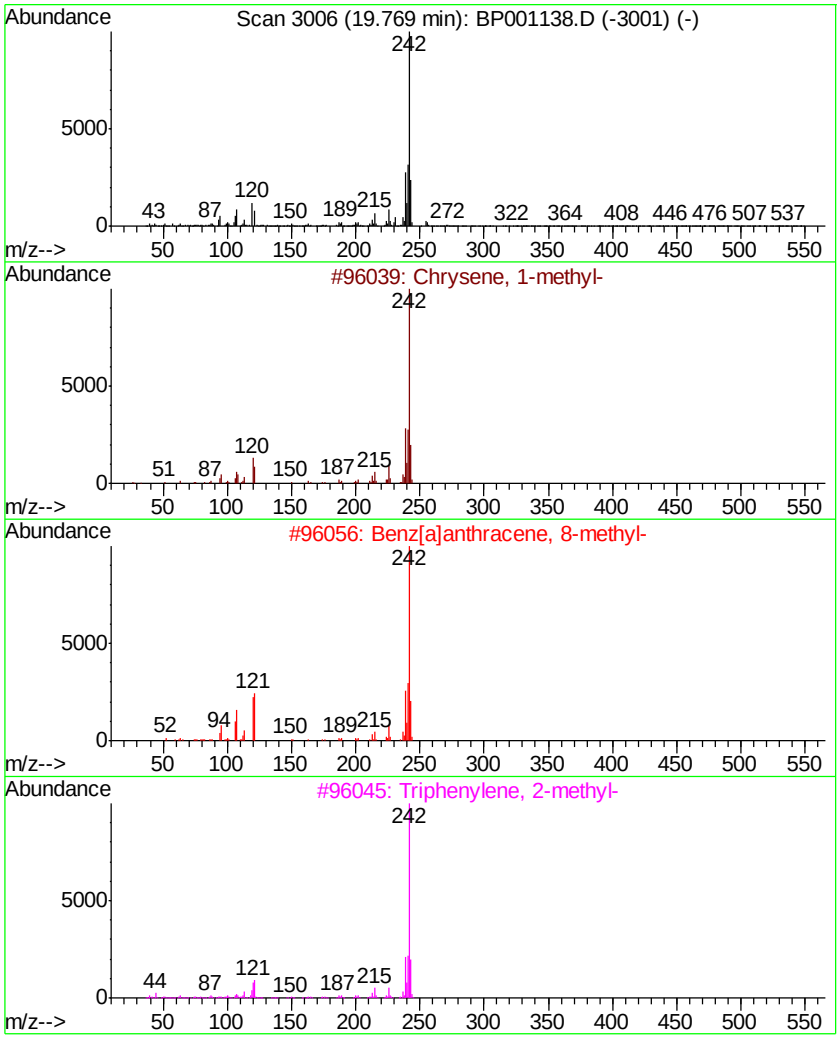
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

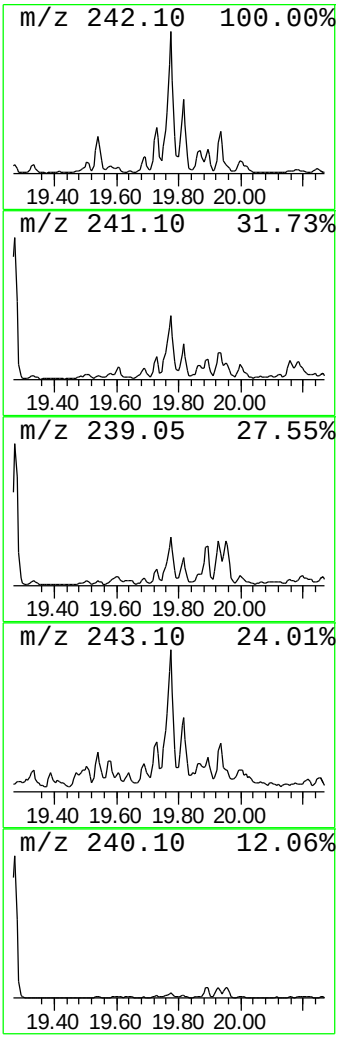
****

Peak Number 19 Chrysene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	2.75 ng	539955	Chrysene-d12	19.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1-methyl-	242	C19H14	003351-28-8	98
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	97
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	97
4	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
5	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

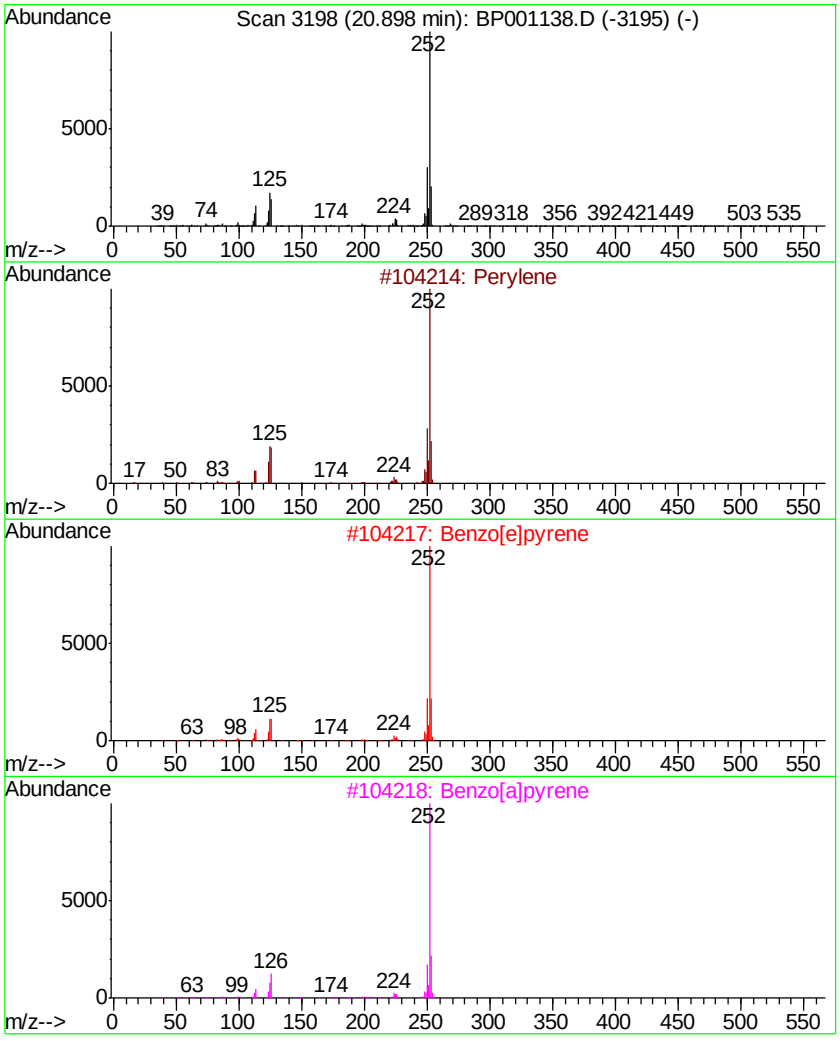
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

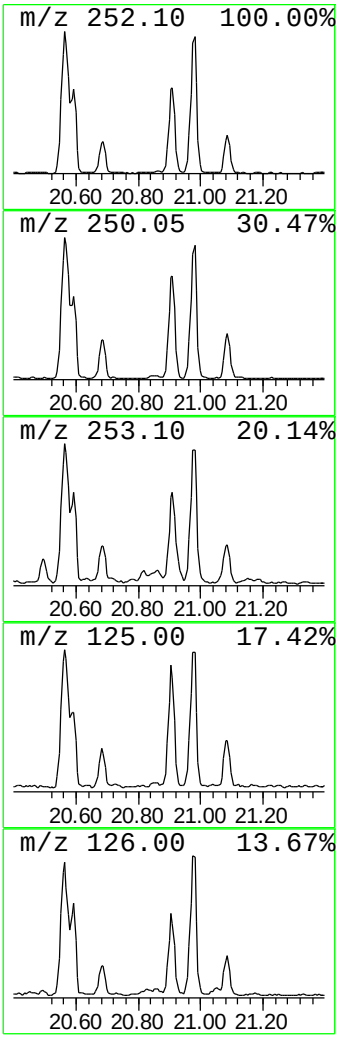
****

Peak Number 20 Perylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	11.29 ng	901067	Perylene-d12	21.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP120219\
Data File : BP001138.D
Acq On : 02 Dec 2019 21:12
Operator : JU
Sample : K5675-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TR-05-112619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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
unknown7.96	7.96	31.8	ng	2048620	1	8.33	1287720	20.0
Methyl tetradecan...	15.00	19.3	ng	1553950	4	15.63	1608740	20.0
9-Hexadecenoic ac...	16.21	24.8	ng	1997570	4	15.63	1608740	20.0
Hexadecanoic acid...	16.34	245.0	ng	19708200	4	15.63	1608740	20.0
Phenanthrene, 1-m...	16.38	5.9	ng	473114	4	15.63	1608740	20.0
Phenanthrene, 2-m...	16.42	8.0	ng	639789	4	15.63	1608740	20.0
4H-Cyclopenta[def...	16.53	11.5	ng	924561	4	15.63	1608740	20.0
Heptadecanoic aci...	16.90	7.4	ng	594236	4	15.63	1608740	20.0
9,12-Octadecadien...	17.30	409.3	ng	32921900	4	15.63	1608740	20.0
Methyl stearate	17.45	141.0	ng	11338500	4	15.63	1608740	20.0
Fluoranthene, 2-m...	18.00	2.3	ng	459088	5	19.27	3928160	20.0
11H-Benzo[b]fluorene	18.14	2.9	ng	569708	5	19.27	3928160	20.0
11H-Benzo[a]fluorene	18.23	2.5	ng	499587	5	19.27	3928160	20.0
Pyrene, 1-methyl-	18.27	3.6	ng	709819	5	19.27	3928160	20.0
11-Eicosenoic aci...	18.30	6.7	ng	1317050	5	19.27	3928160	20.0
Methyl 18-methyln...	18.40	4.6	ng	901369	5	19.27	3928160	20.0
Benzo[b]naphtho[2...	18.94	2.7	ng	528695	5	19.27	3928160	20.0
Chrysene, 1-methyl-	19.77	2.8	ng	539955	5	19.27	3928160	20.0
Perylene	20.90	11.3	ng	901067	6	21.05	1596860	20.0