LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122272.D
Acq On : 4 Nov 2020 19:46
Operator : JU/CG
Sample : L4621-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B8-110320-0-10

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_F\METHODS\8270-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF122272.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	550	553	594	rBV	1240247	2055026	92.48%	8.913%
2	6.369	725	728	755	rBV	1289915	2122434	95.51%	9.206%
3	6.710	782	786	795	rVB	551360	542256	24.40%	2.352%
4	7.281	880	883	910	rBV	1139258	1361971	61.29%	5.907%
5	7.992	1001	1004	1022	rBV	628676	698333	31.43%	3.029%
6	9.069	1183	1187	1203	rBV	2066975	2222207	100.00%	9.638%
7	9.181	1203	1206	1212	rVB4	13573	22692	1.02%	0.098%
8	9.469	1252	1255	1272	rVB	207366	258792	11.65%	1.122%
9	9.745	1298	1302	1318	rBV	733965	775621	34.90%	3.364%
10	10.545	1434	1438	1451	rBV	999170	1223319	55.05%	5.306%
11	11.233	1552	1555	1557	rBV	697271	631142	28.40%	2.737%
12	11.257	1557	1559	1566	rVV	471667	482845	21.73%	2.094%
13	11.316	1566	1569	1574	rVB	109067	110402	4.97%	0.479%
14	11.616	1617	1620	1624	rVB	41474	36026	1.62%	0.156%
15	11.739	1638	1641	1643	rBV	122704	106045	4.77%	0.460%
16	11.769	1643	1646	1652	rVV	166183	172991	7.78%	0.750%
17	11.816	1652	1654	1657	rVV	49756	51023	2.30%	0.221%
18	11.851	1657	1660	1662	rVV	152166	173857	7.82%	0.754%
19	11.874	1662	1664	1669	rVB	88063	84728	3.81%	0.367%
20	12.033	1688	1691	1695	rBV	87120	85029	3.83%	0.369%
21	12.104	1699	1703	1707	rVB3	26871	39924	1.80%	0.173%
22	12.180	1713	1716	1719	rBV	40502	35805	1.61%	0.155%
23	12.216	1719	1722	1724	rVV	29761	22923	1.03%	0.099%
24	12.286	1731	1734	1737	rBV2	124405	174197	7.84%	0.756%
25	12.321	1737	1740	1743	rVV2	324669	331165	14.90%	1.436%
26	12.374	1746	1749	1751	rVV	34228	46647	2.10%	0.202%
27	12.398	1751	1753	1758	rVB2	56679	72995	3.28%	0.317%
28	12.451	1758	1762	1767	rBV	724448	649679	29.24%	2.818%
29	12.516	1771	1773	1775	rVB2	30952	24312	1.09%	0.105%
30	12.621	1785	1791	1795	rBV5	68563	124450	5.60%	0.540%
31	12.680	1795	1801	1807	rVV	970849	993883	44.73%	4.311%
32	12.733	1807	1810	1814	rVB2	45193	49839	2.24%	0.216%
33	12.816	1820	1824	1830	rVB	2105131	1865484	83.95%	8.091%
34	12.904	1835	1839	1845	rVB2	86253	120923	5.44%	0.524%
35	12.951	1845	1847	1850	rBV4	22841	25637	1.15%	0.111%
36	12.986	1850	1853	1854	rBV2	83359	87506	3.94%	0.380%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122272.D
Acq On : 4 Nov 2020 19:46
Operator : JU/CG
Sample : L4621-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B8-110320-0-10

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_F\METHODS\8270-BF101220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.080	1866	1869	1871	rBV	48810	39284	1.77%	0.170%
38	13.116	1872	1875	1879	rBV	140856	151480	6.82%	0.657%
39	13.210	1888	1891	1894	rBV	119675	121715	5.48%	0.528%
40	13.239	1894	1896	1900	rVV	121643	128818	5.80%	0.559%
41	13.292	1901	1905	1912	rVB	450605	488645	21.99%	2.119%
42	13.374	1917	1919	1924	rVV3	26988	42268	1.90%	0.183%
43	13.539	1945	1947	1952	rVB	65353	66710	3.00%	0.289%
44	13.651	1961	1966	1970	rBV3	128224	166371	7.49%	0.722%
45	13.686	1970	1972	1974	rBV	68461	58385	2.63%	0.253%
46	13.880	2001	2005	2008	rBV2	831875	1182744	53.22%	5.130%
47	13.910	2008	2010	2017	rVB	537829	531927	23.94%	2.307%
48	13.992	2022	2024	2027	rVB2	49345	45694	2.06%	0.198%
49	14.274	2070	2072	2076	rVB	130518	113144	5.09%	0.491%
50	14.921	2178	2182	2184	rBV	353769	468625	21.09%	2.033%
51	15.210	2228	2231	2237	rBV	253118	306842	13.81%	1.331%
52	15.274	2238	2242	2248	rVB	358457	483459	21.76%	2.097%
53	15.327	2248	2251	2255	rBV	354882	446018	20.07%	1.935%
54	16.768	2492	2496	2503	rVB2	95597	174655	7.86%	0.758%
55	17.198	2565	2569	2577	rVB	83029	156931	7.06%	0.681%

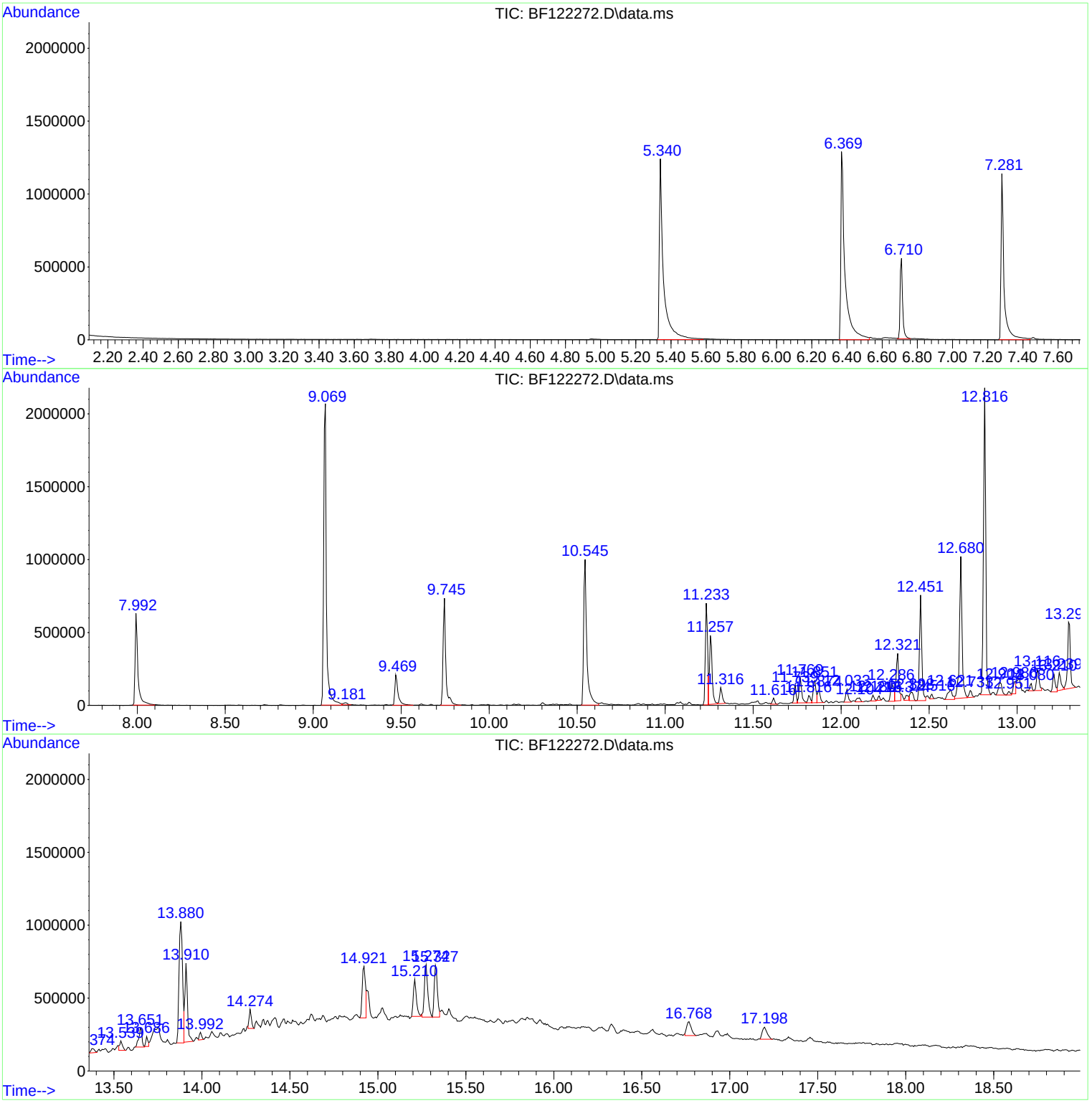
Sum of corrected areas: 23055823

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122272.D
Acq On : 4 Nov 2020 19:46
Operator : JU/CG
Sample : L4621-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B8-110320-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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_F\Data\BF110420\
Data File : BF122272.D
Acq On : 4 Nov 2020 19:46
Operator : JU/CG
Sample : L4621-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B8-110320-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

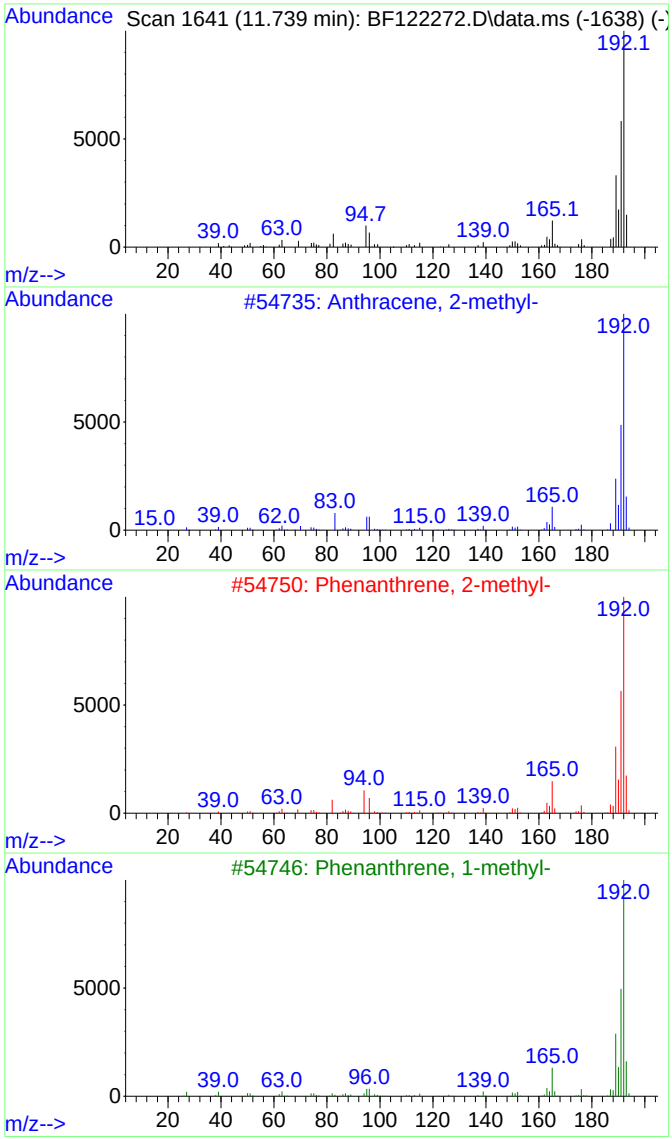
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

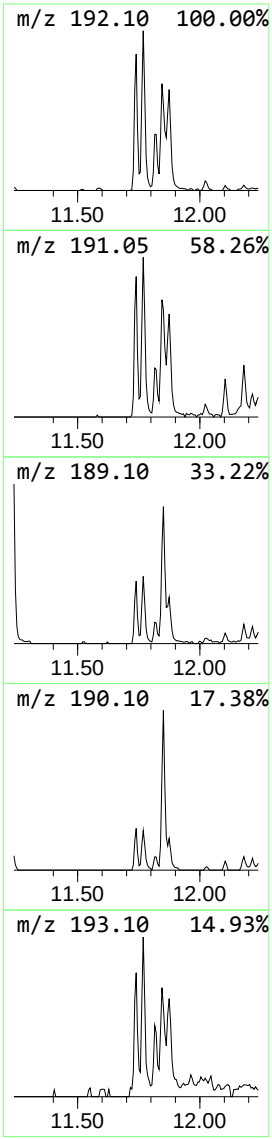
****

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.739	3.36 ng	106045	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122272.D
Acq On : 4 Nov 2020 19:46
Operator : JU/CG
Sample : L4621-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B8-110320-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

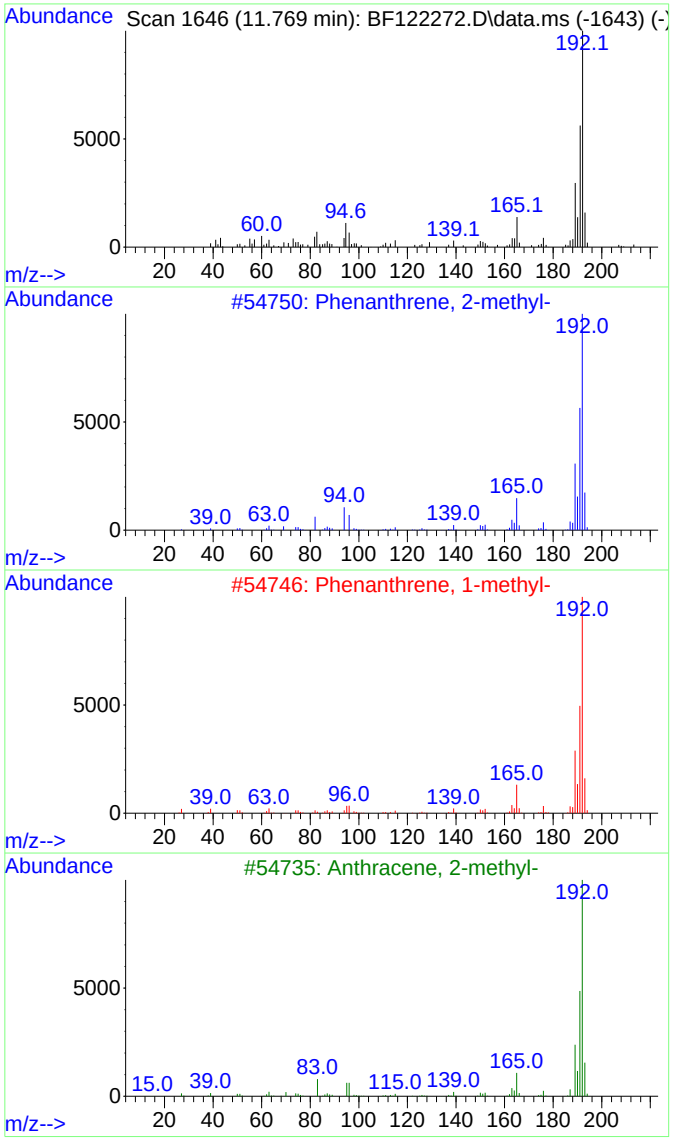
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

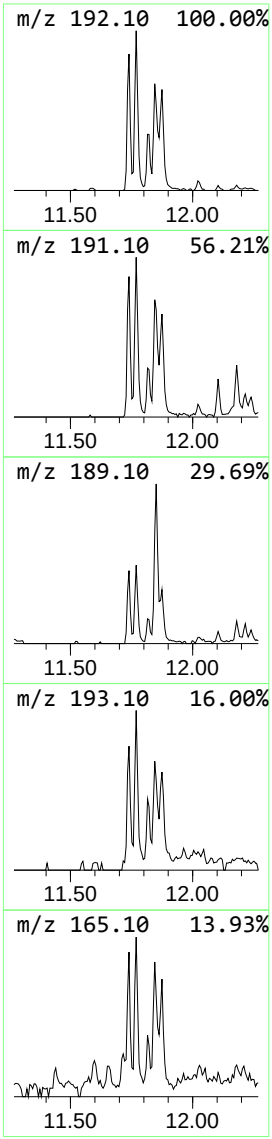
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	5.48 ng	172991	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122272.D
Acq On : 4 Nov 2020 19:46
Operator : JU/CG
Sample : L4621-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B8-110320-0-10

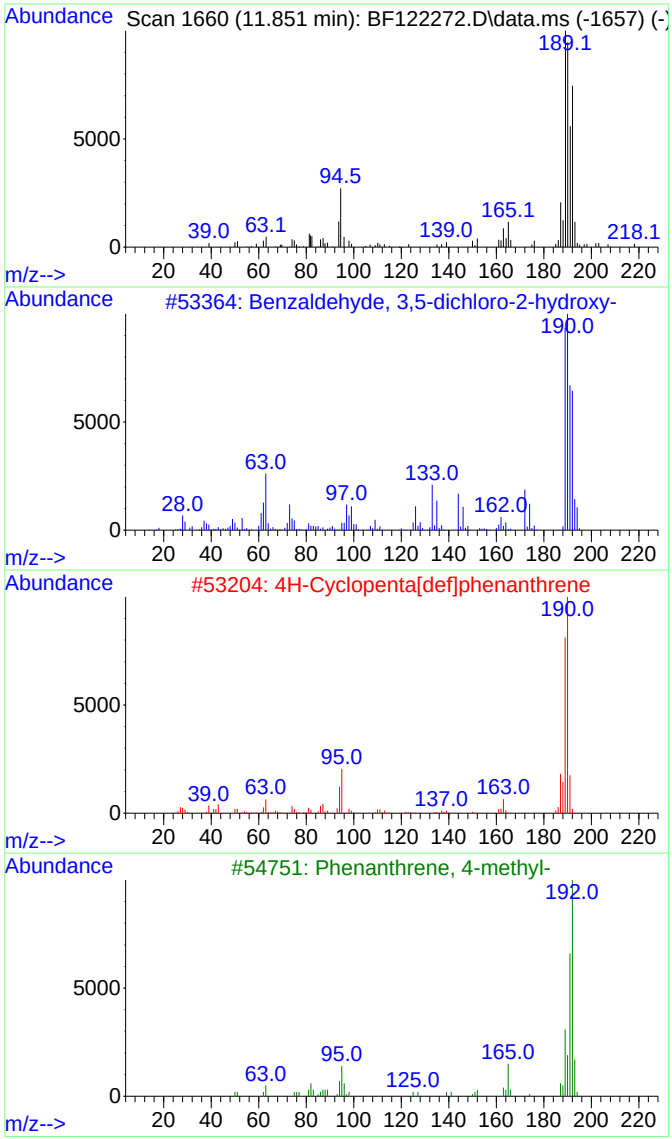
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

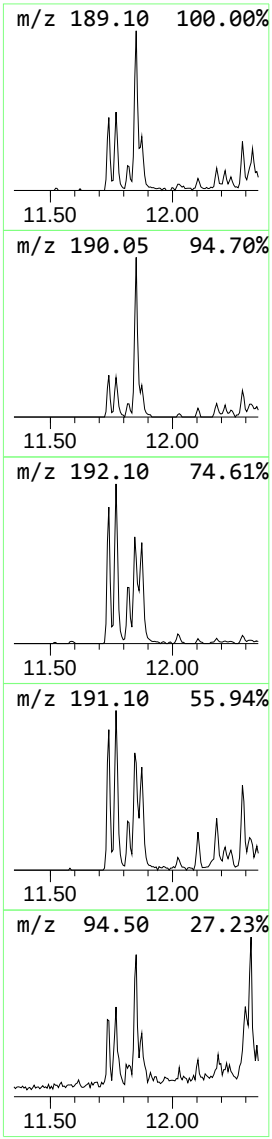
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	5.51 ng	173857	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122272.D
Acq On : 4 Nov 2020 19:46
Operator : JU/CG
Sample : L4621-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B8-110320-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

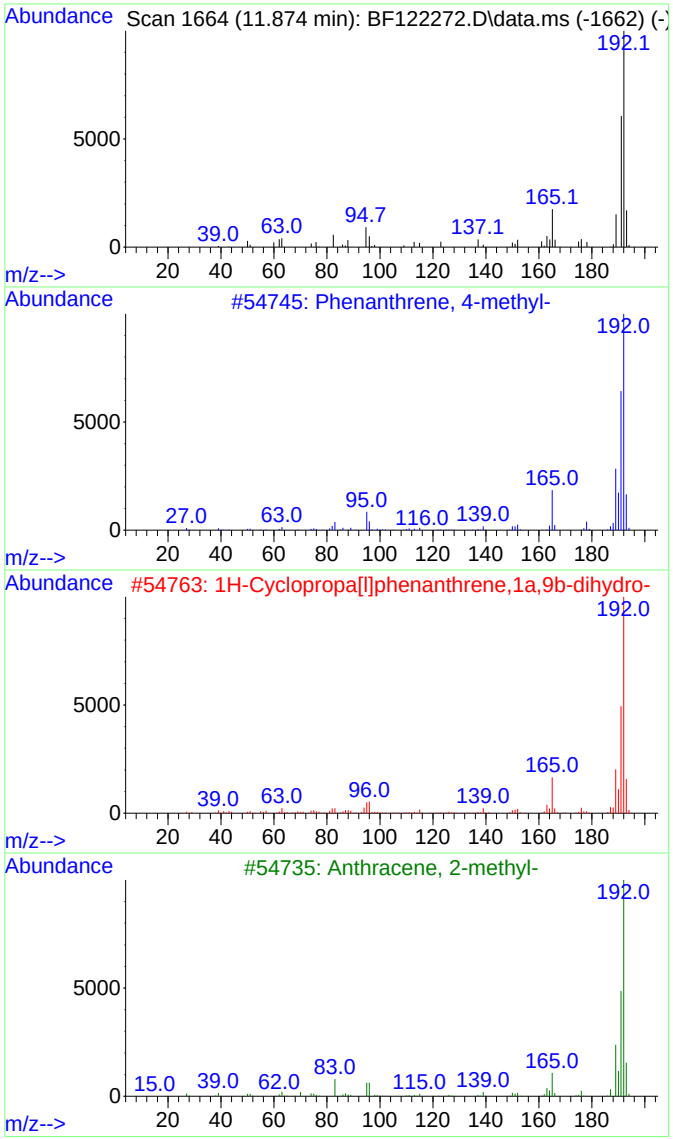
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

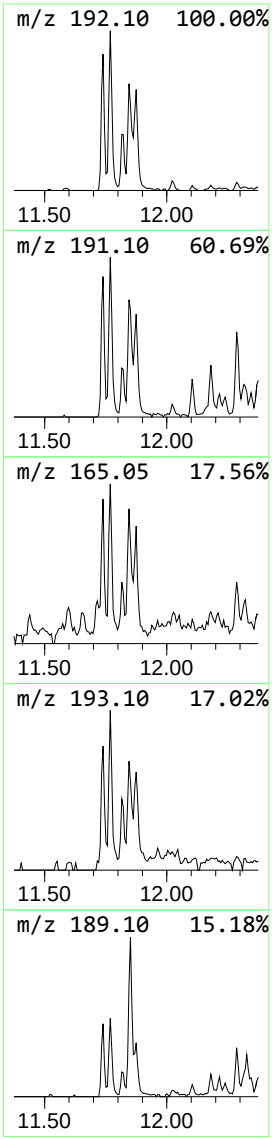
****

Peak Number 4 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	2.68 ng	84728	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122272.D
Acq On : 4 Nov 2020 19:46
Operator : JU/CG
Sample : L4621-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B8-110320-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

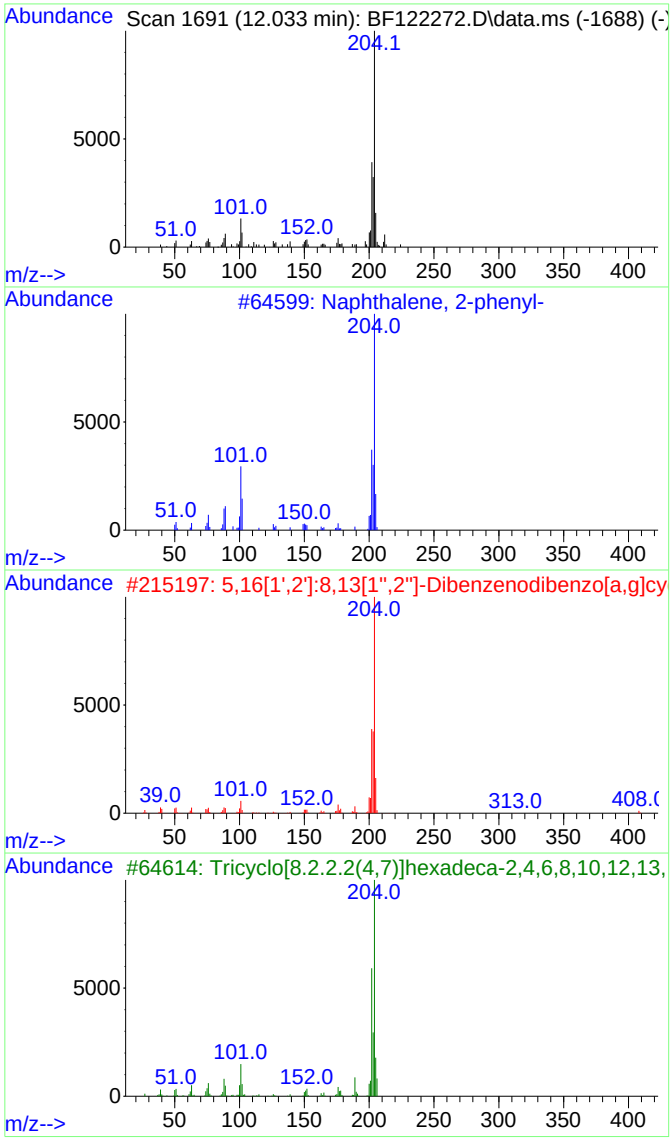
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

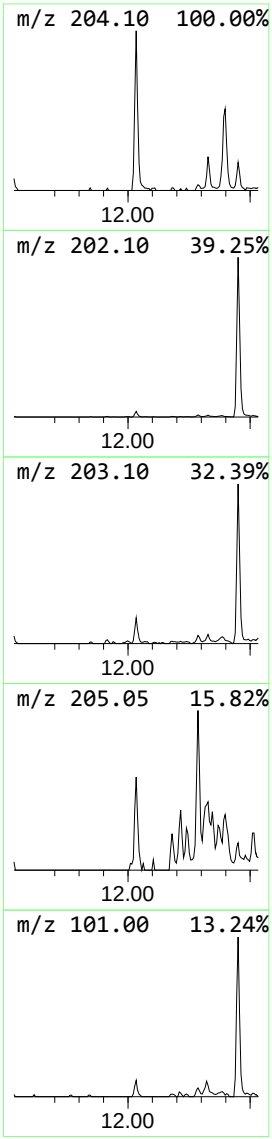
****

Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	2.69 ng	85029	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122272.D
Acq On : 4 Nov 2020 19:46
Operator : JU/CG
Sample : L4621-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B8-110320-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

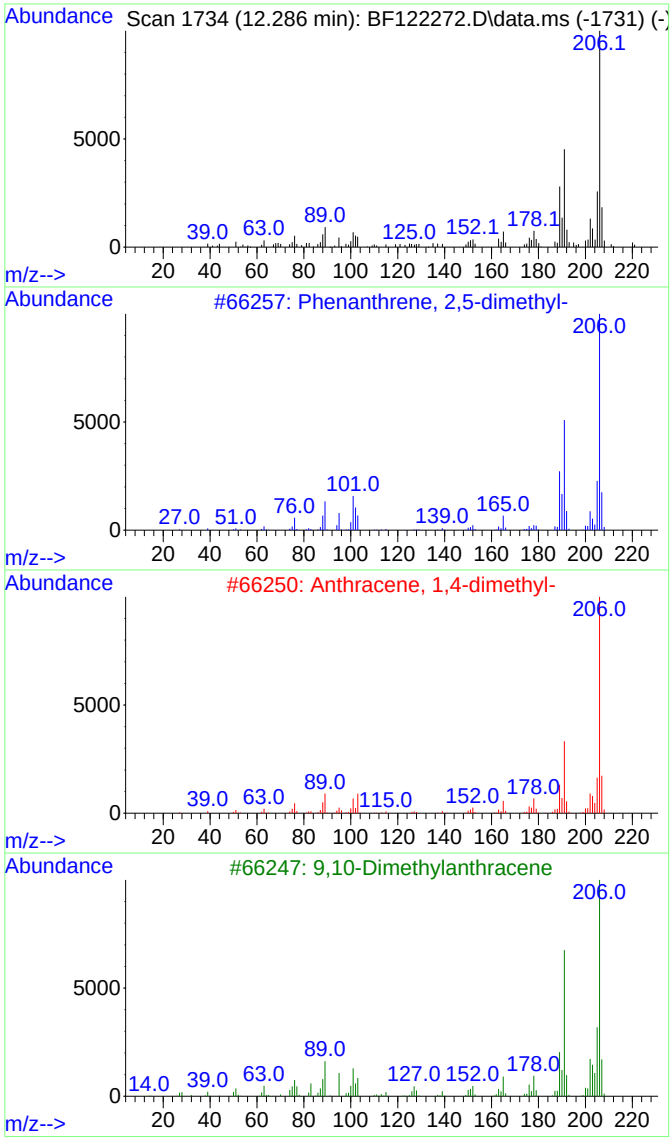
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

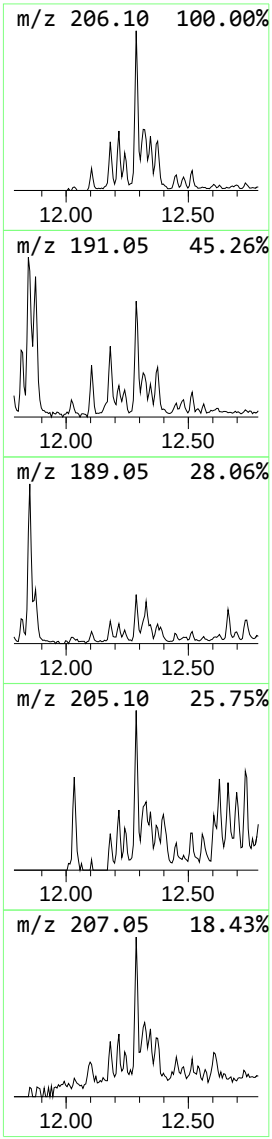
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.286	5.52 ng	174197	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122272.D
Acq On : 4 Nov 2020 19:46
Operator : JU/CG
Sample : L4621-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B8-110320-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

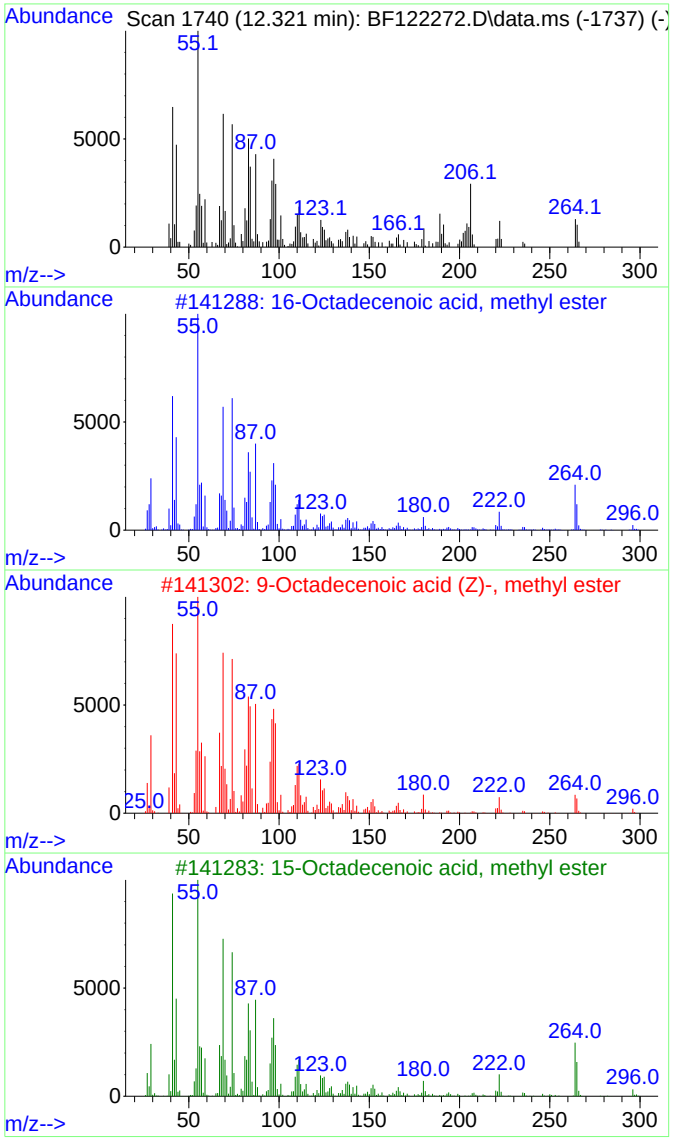
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

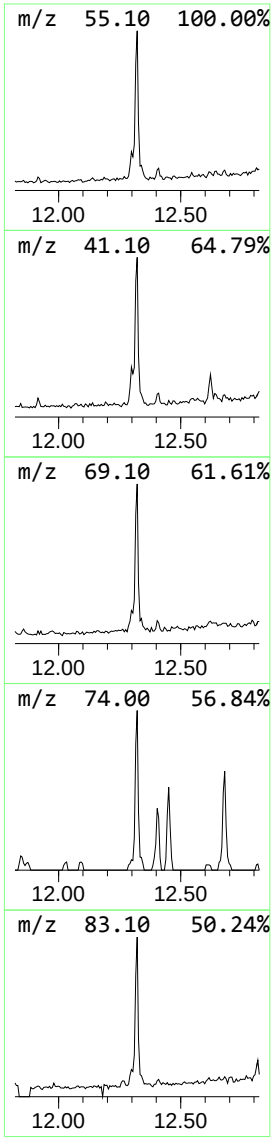
****

Peak Number 7 16-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.322	10.49 ng	331165	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	90
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	90
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	90
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	87
5	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122272.D
Acq On : 4 Nov 2020 19:46
Operator : JU/CG
Sample : L4621-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B8-110320-0-10

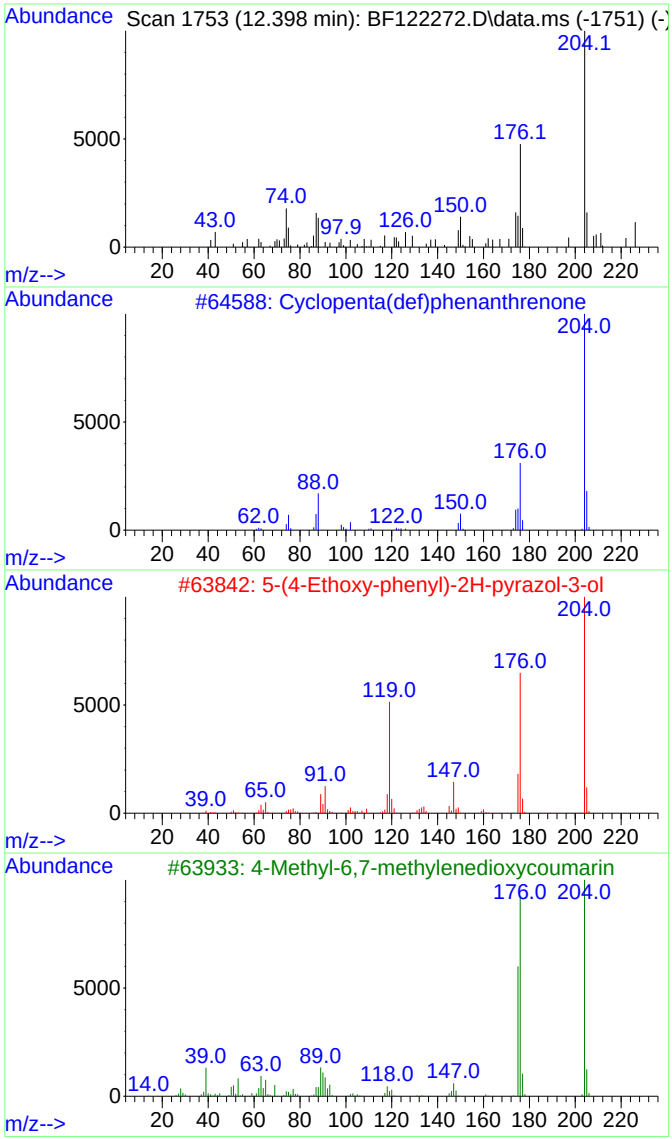
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

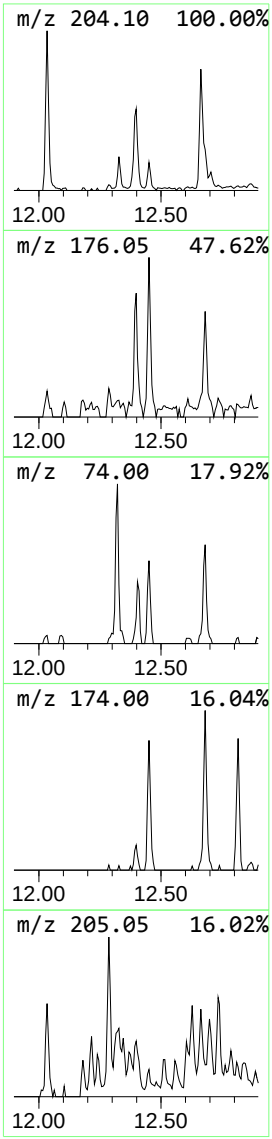
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.398	2.31 ng	72995	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	53
3	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122272.D
Acq On : 4 Nov 2020 19:46
Operator : JU/CG
Sample : L4621-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B8-110320-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

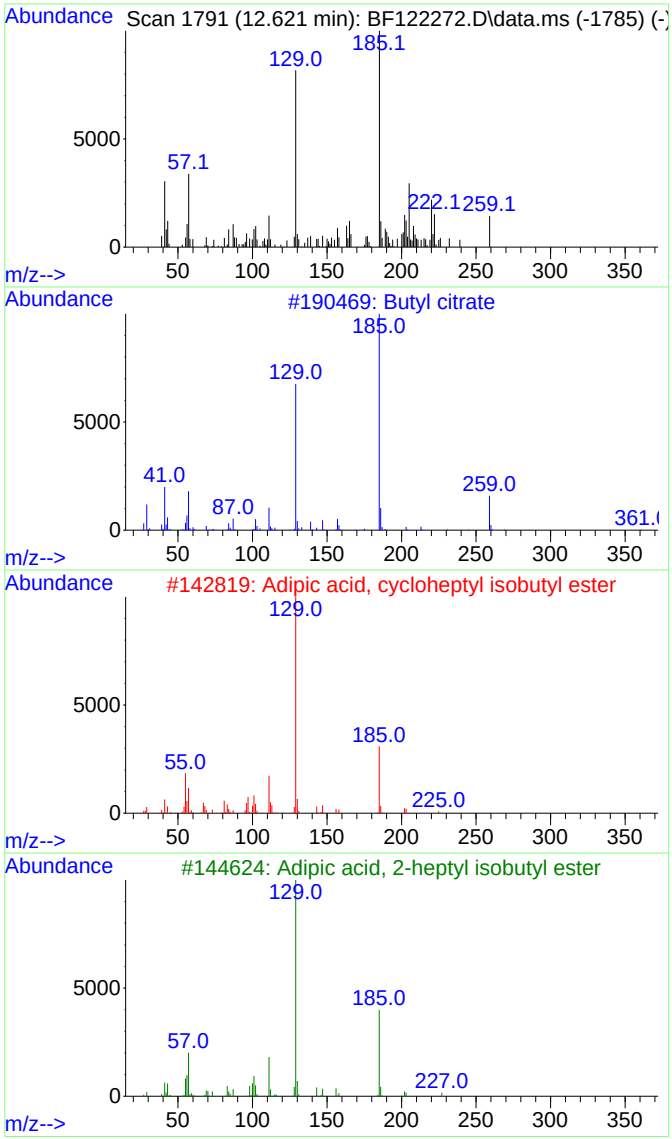
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

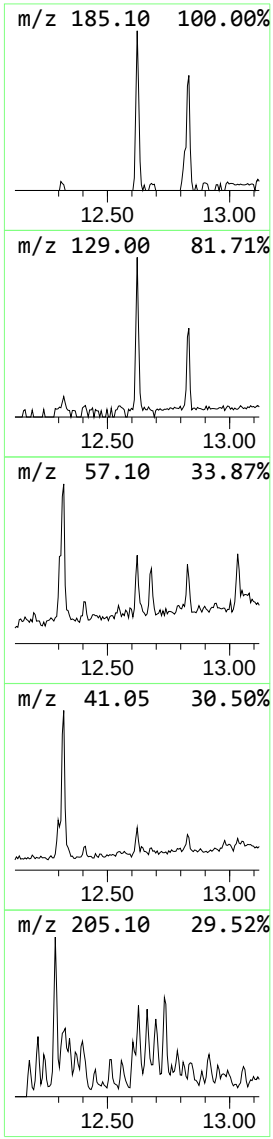
****

Peak Number 9 Butyl citrate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.621	2.10 ng	124450	Chrysene-d12	13.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	58
2	Adipic acid, cycloheptyl isobuty...	298	C17H30O4	1000324-71-5	52
3	Adipic acid, 2-heptyl isobutyl e...	300	C17H32O4	1000353-64-3	52
4	Adipic acid, 2,4-dimethylpent-3-...	300	C17H32O4	1000349-77-6	50
5	Adipic acid, 3-heptyl isobutyl e...	300	C17H32O4	1000353-64-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122272.D
Acq On : 4 Nov 2020 19:46
Operator : JU/CG
Sample : L4621-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B8-110320-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

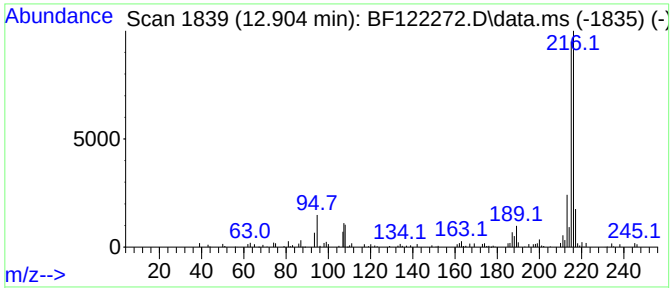
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

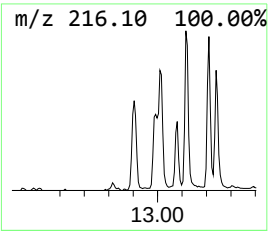
****

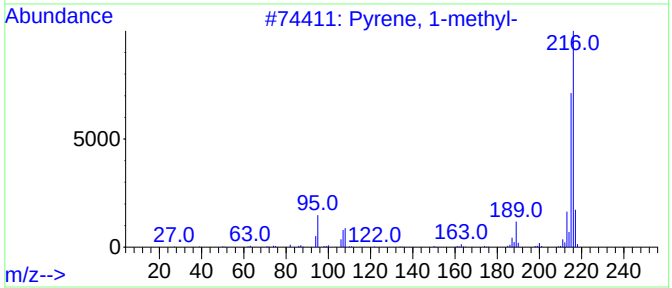
Peak Number 10 Pyrene, 1-methyl- Concentration Rank 16

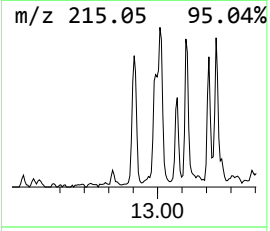
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.904	2.04 ng	120923	Chrysene-d12	13.886

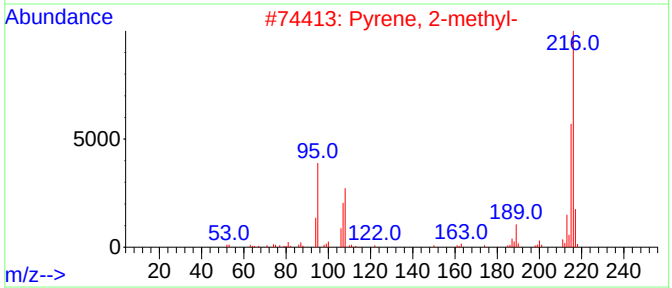
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81

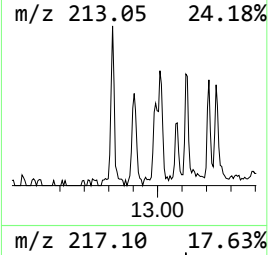


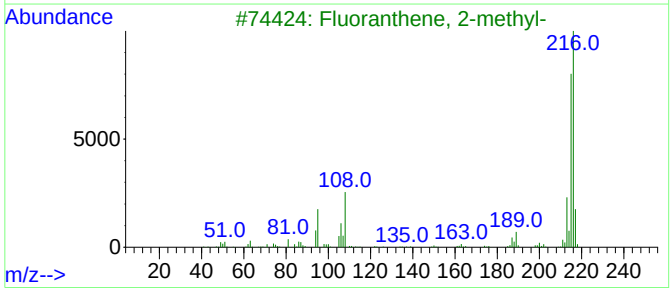


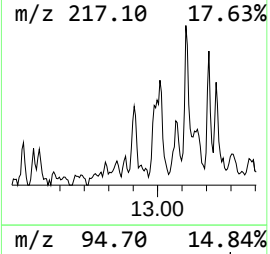


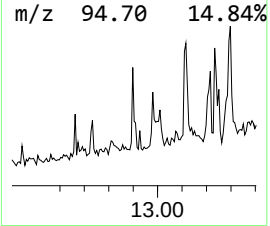












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122272.D
Acq On : 4 Nov 2020 19:46
Operator : JU/CG
Sample : L4621-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B8-110320-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

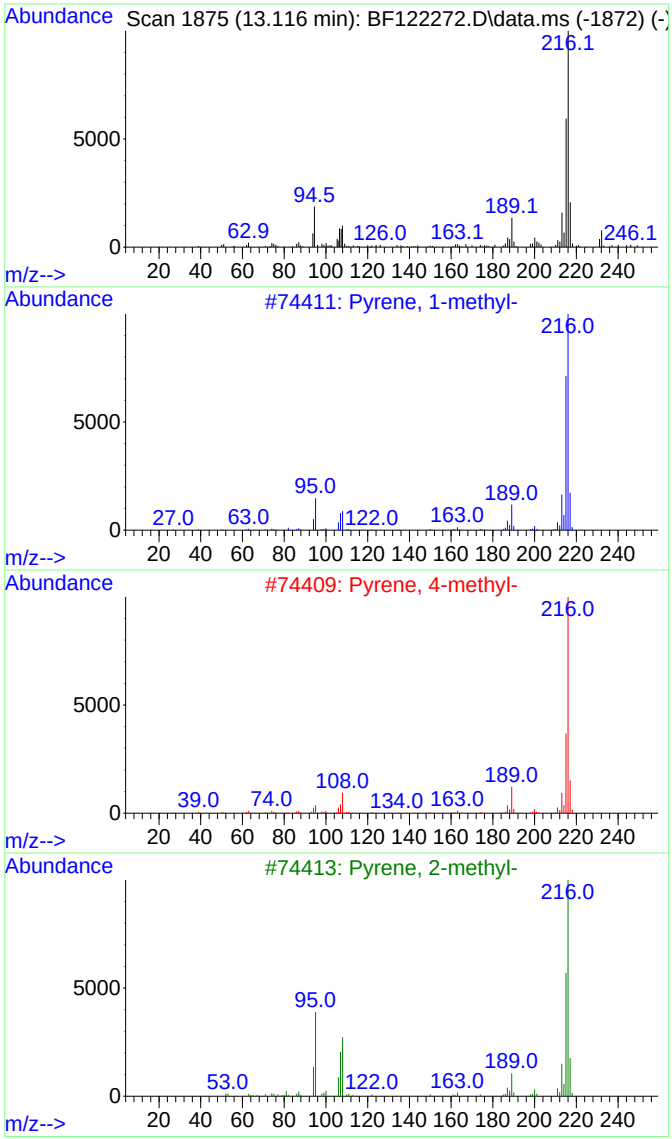
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

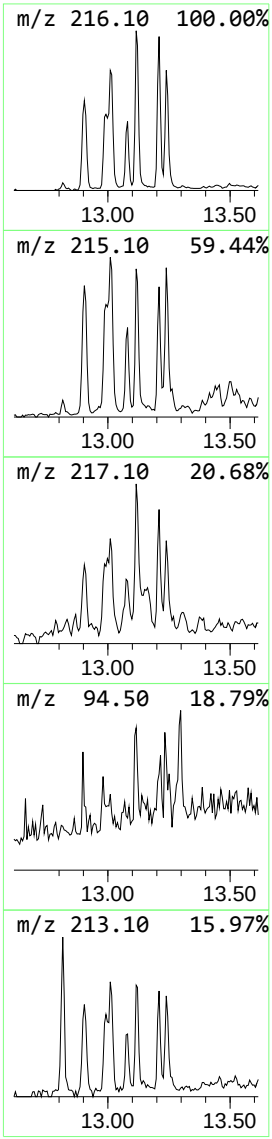
****

Peak Number 11 Pyrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.116	2.56 ng	151480	Chrysene-d12	13.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122272.D
Acq On : 4 Nov 2020 19:46
Operator : JU/CG
Sample : L4621-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B8-110320-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

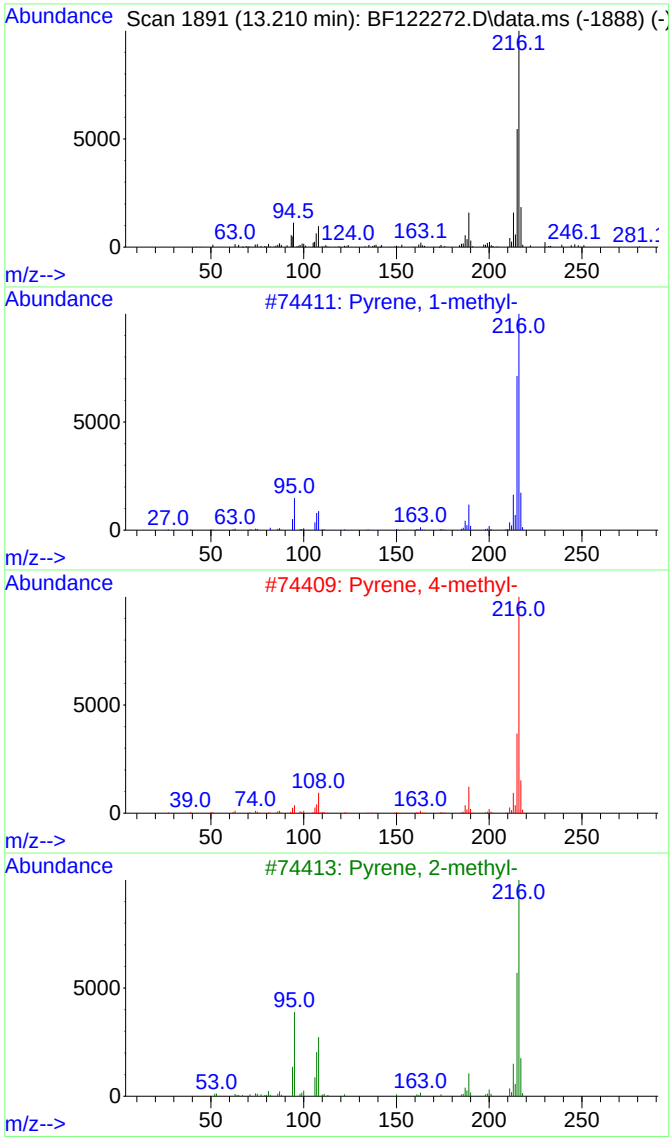
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

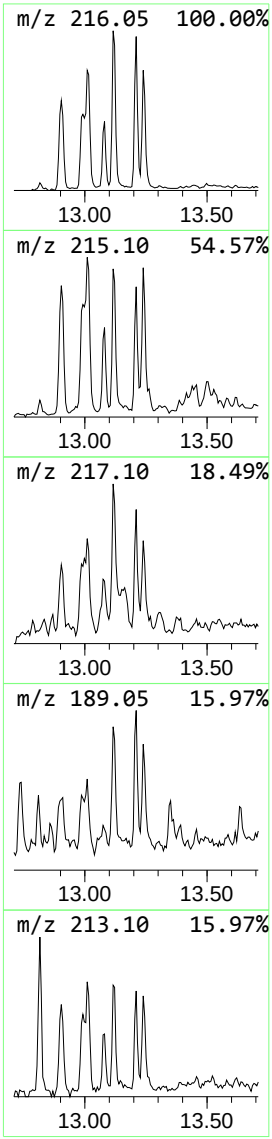
****

Peak Number 12 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	2.06 ng	121715	Chrysene-d12	13.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122272.D
Acq On : 4 Nov 2020 19:46
Operator : JU/CG
Sample : L4621-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B8-110320-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

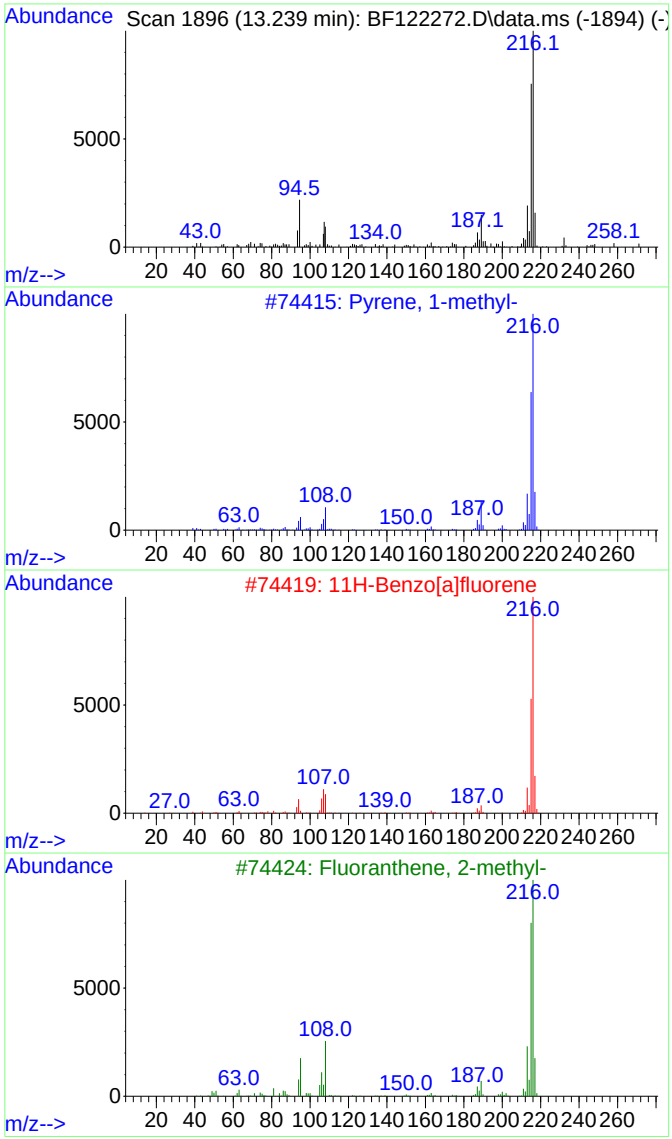
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

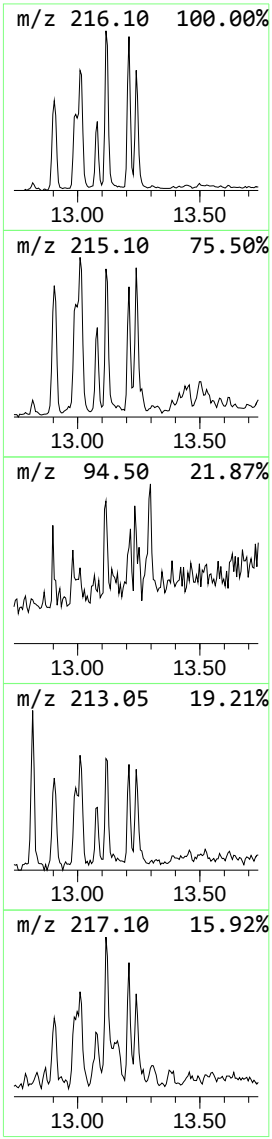
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	2.18 ng	128818	Chrysene-d12	13.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122272.D
Acq On : 4 Nov 2020 19:46
Operator : JU/CG
Sample : L4621-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B8-110320-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

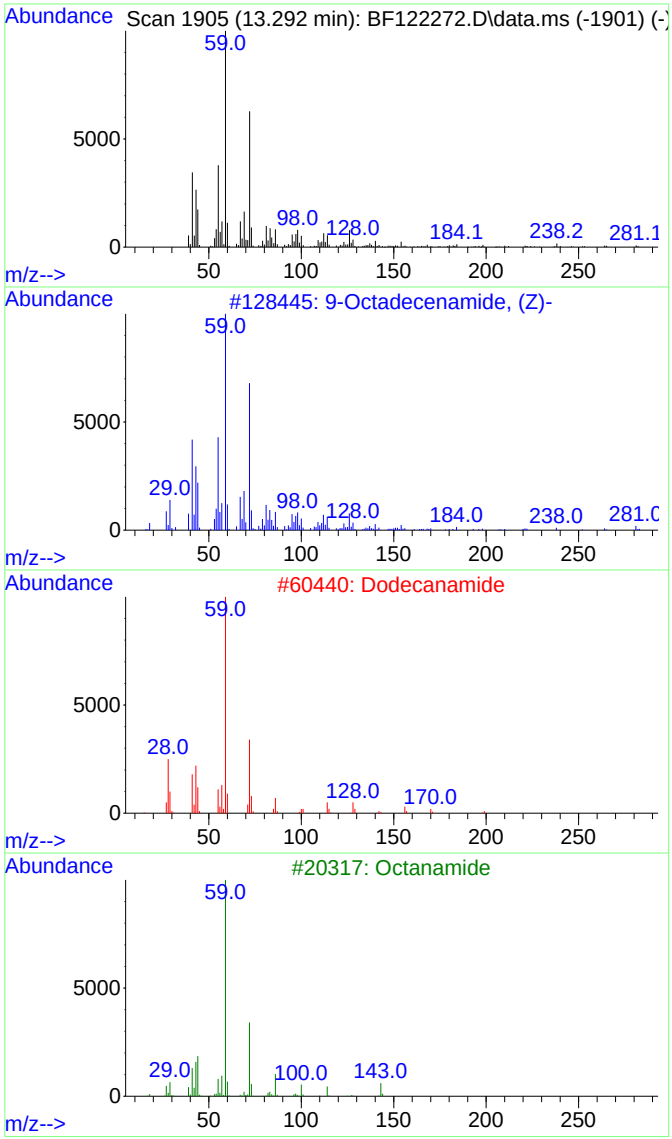
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

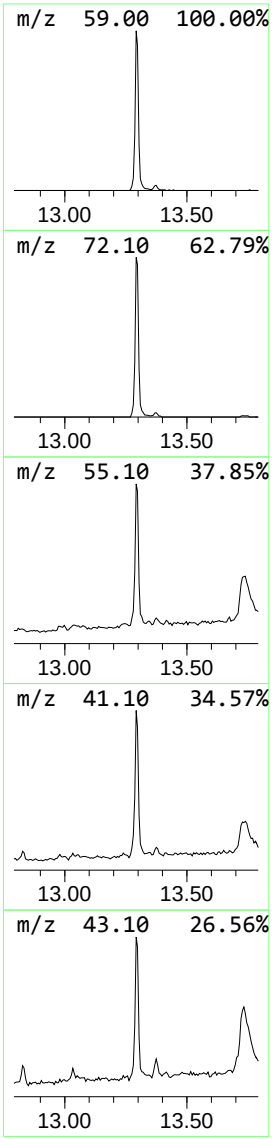
****

Peak Number 14 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	8.26 ng	488645	Chrysene-d12	13.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Dodecanamide	199	C12H25NO	001120-16-7	64
3	Octanamide	143	C8H17NO	000629-01-6	59
4	Hexadecanamide	255	C16H33NO	000629-54-9	56
5	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122272.D
Acq On : 4 Nov 2020 19:46
Operator : JU/CG
Sample : L4621-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B8-110320-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

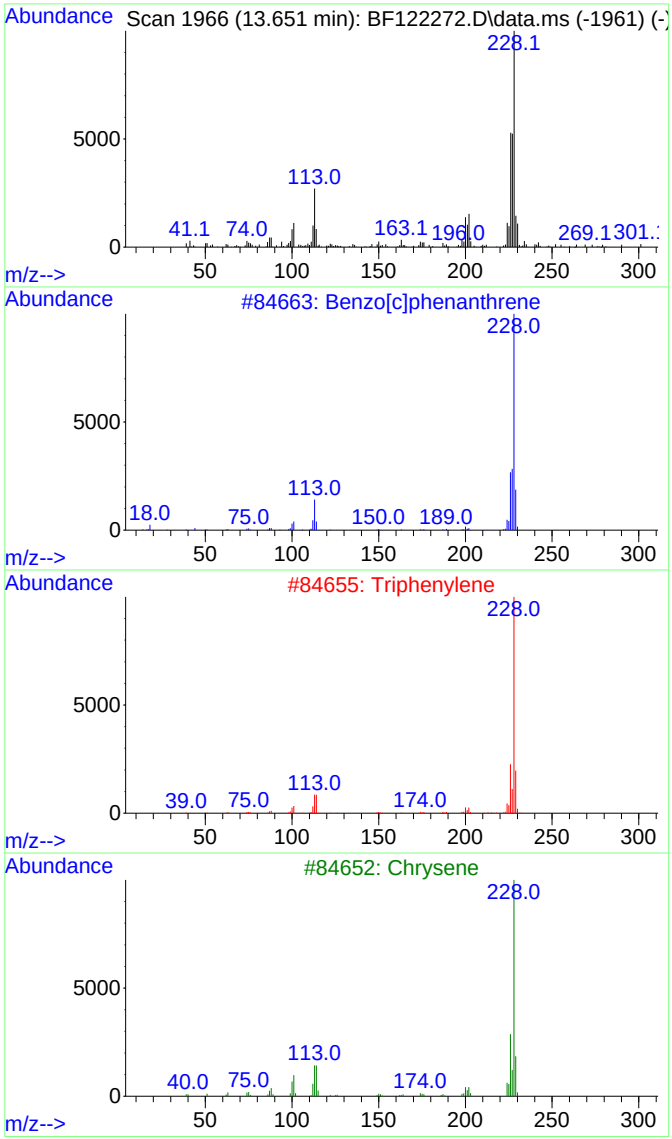
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

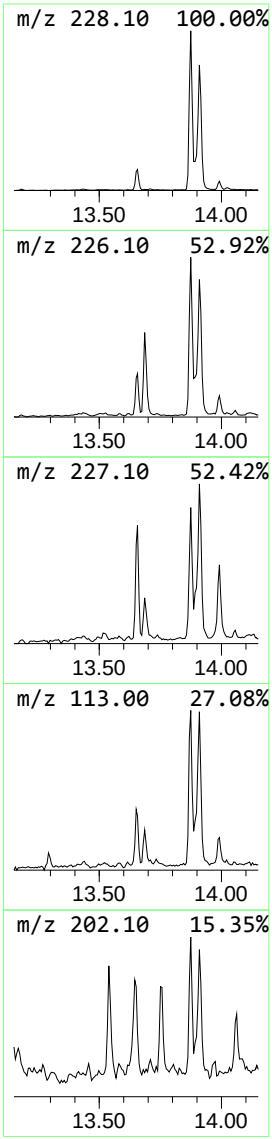
****

Peak Number 15 Benzo[c]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.651	2.81 ng	166371	Chrysene-d12	13.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	64
2	Triphenylene	228	C18H12	000217-59-4	60
3	Chrysene	228	C18H12	000218-01-9	60
4	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	49
5	2-Nitrophenyl selenocyanate	228	C7H4N2O2Se	051694-22-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122272.D
Acq On : 4 Nov 2020 19:46
Operator : JU/CG
Sample : L4621-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B8-110320-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

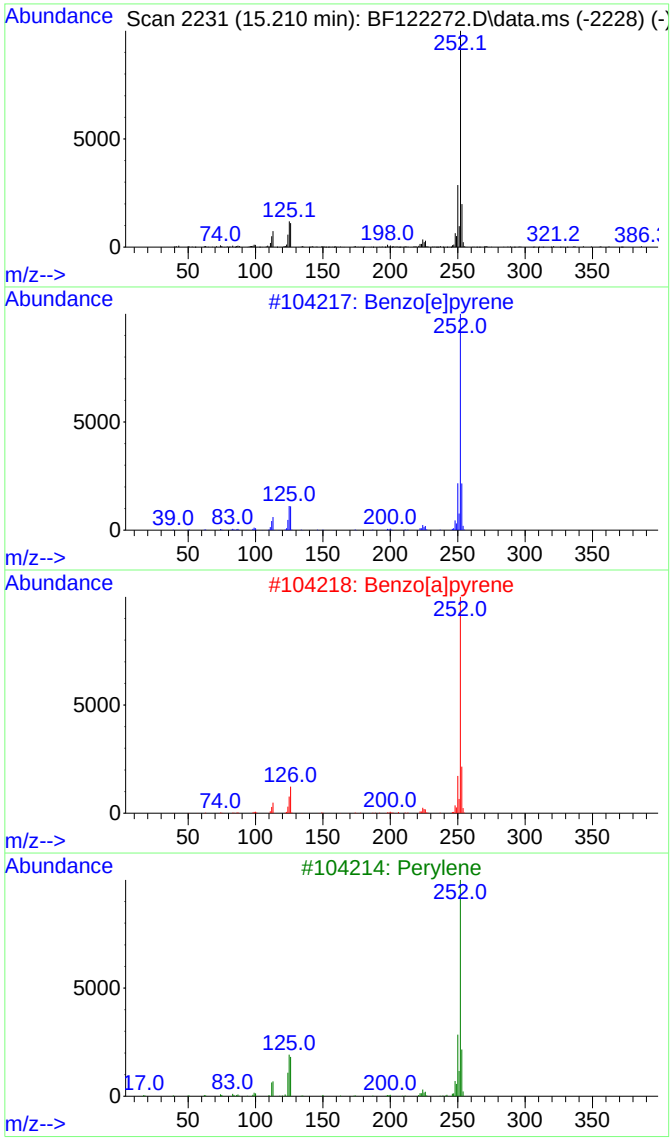
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

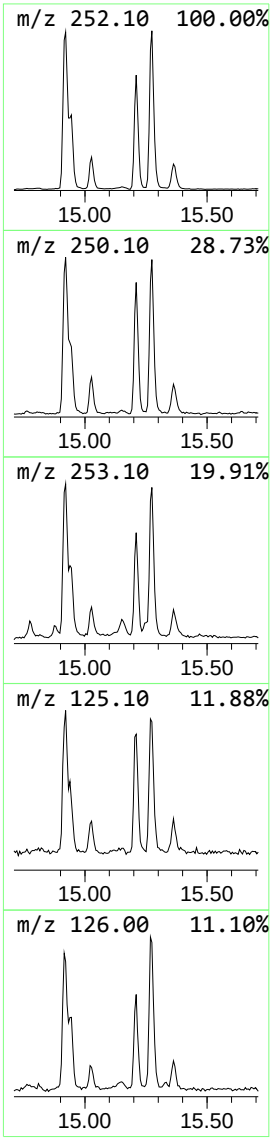
****

Peak Number 16 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	13.76 ng	306842	Perylene-d12	15.327

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122272.D
Acq On : 4 Nov 2020 19:46
Operator : JU/CG
Sample : L4621-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B8-110320-0-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.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
Anthracene, 2-m...	11.739	3.4	ng	106045	4	11.233	631142	20.0
Phenanthrene, 2...	11.769	5.5	ng	172991	4	11.233	631142	20.0
Benzaldehyde, 3...	11.851	5.5	ng	173857	4	11.233	631142	20.0
Phenanthrene, 4...	11.874	2.7	ng	84728	4	11.233	631142	20.0
Naphthalene, 2-...	12.033	2.7	ng	85029	4	11.233	631142	20.0
Phenanthrene, 2...	12.286	5.5	ng	174197	4	11.233	631142	20.0
16-Octadecenoic...	12.322	10.5	ng	331165	4	11.233	631142	20.0
Cyclopenta(def)...	12.398	2.3	ng	72995	4	11.233	631142	20.0
Butyl citrate	12.621	2.1	ng	124450	5	13.886	1182740	20.0
Pyrene, 1-methyl-	12.904	2.0	ng	120923	5	13.886	1182740	20.0
Pyrene, 4-methyl-	13.116	2.6	ng	151480	5	13.886	1182740	20.0
Pyrene, 2-methyl-	13.210	2.1	ng	121715	5	13.886	1182740	20.0
11H-Benzo[a]flu...	13.239	2.2	ng	128818	5	13.886	1182740	20.0
9-Octadecenamid...	13.292	8.3	ng	488645	5	13.886	1182740	20.0
Benzo[c]phenant...	13.651	2.8	ng	166371	5	13.886	1182740	20.0
Benzo[e]pyrene	15.210	13.8	ng	306842	6	15.327	446018	20.0