LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121872.D
Acq On : 7 Oct 2020 14:23
Operator : JU/CG
Sample : L4190-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B18-092920-DP

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-BF091020.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	4.969	486	490	498	rBV	25478	41100	1.91%	0.211%
2	5.387	557	561	580	rBV	1962693	2029173	94.37%	10.412%
3	6.410	731	735	753	rBV	1930754	1996905	92.87%	10.246%
4	6.763	792	795	802	rBV	743876	594894	27.67%	3.052%
5	7.328	887	891	903	rBV	1388254	1394638	64.86%	7.156%
6	8.045	1009	1013	1029	rBV	712944	765451	35.60%	3.928%
7	8.857	1147	1151	1157	rBV	25994	26635	1.24%	0.137%
8	9.122	1192	1196	1207	rBV	2449763	2150277	100.00%	11.033%
9	9.457	1250	1253	1256	rBV	28972	32211	1.50%	0.165%
10	9.516	1260	1263	1270	rVB	149953	151702	7.05%	0.778%
11	9.727	1296	1299	1303	rVB	34733	31908	1.48%	0.164%
12	9.798	1303	1311	1315	rBV	832430	760946	35.39%	3.904%
13	9.833	1315	1317	1321	rVB	100007	84933	3.95%	0.436%
14	10.004	1342	1346	1350	rBV2	44647	50777	2.36%	0.261%
15	10.227	1382	1384	1387	rVB	64923	49270	2.29%	0.253%
16	10.345	1400	1404	1410	rVB2	70421	75570	3.51%	0.388%
17	10.504	1428	1431	1434	rVB	31044	26888	1.25%	0.138%
18	10.592	1442	1446	1458	rVV	1155126	1143310	53.17%	5.866%
19	10.704	1462	1465	1474	rVB	66537	96015	4.47%	0.493%
20	10.892	1491	1497	1500	rBV4	29924	43559	2.03%	0.224%
21	11.022	1515	1519	1521	rBV3	22826	29791	1.39%	0.153%
22	11.151	1535	1541	1544	rBV2	63575	80939	3.76%	0.415%
23	11.180	1544	1546	1552	rVB	64281	63336	2.95%	0.325%
24	11.286	1560	1564	1566	rBV	779144	715294	33.27%	3.670%
25	11.310	1566	1568	1572	rVV	618636	509946	23.72%	2.617%
26	11.363	1574	1577	1580	rVB	143398	133501	6.21%	0.685%
27	11.521	1597	1604	1611	rBV2	50409	99708	4.64%	0.512%
28	11.574	1611	1613	1616	rBV2	62397	49854	2.32%	0.256%
29	11.674	1627	1630	1633	rBV2	35363	29095	1.35%	0.149%
30	11.786	1646	1649	1652	rBV	68637	75131	3.49%	0.386%
31	11.816	1652	1654	1660	rVV	112875	101695	4.73%	0.522%
32	11.863	1660	1662	1665	rVV	47666	44633	2.08%	0.229%
33	11.898	1665	1668	1671	rVV	106714	124060	5.77%	0.637%
34	11.921	1671	1672	1677	rVB	58620	35678	1.66%	0.183%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121872.D
Acq On : 7 Oct 2020 14:23
Operator : JU/CG
Sample : L4190-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B18-092920-DP

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-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.980	1679	1682	1687	rVV3	46776	48343	2.25%	0.248%
36	12.080	1696	1699	1702	rBV	49337	42335	1.97%	0.217%
37	12.263	1727	1730	1732	rBV3	34130	25085	1.17%	0.129%
38	12.333	1739	1742	1744	rBV	48313	48209	2.24%	0.247%
39	12.363	1744	1747	1748	rBV	102727	93393	4.34%	0.479%
40	12.427	1755	1758	1762	rVB3	32079	38622	1.80%	0.198%
41	12.498	1767	1770	1774	rBV	680159	568250	26.43%	2.916%
42	12.727	1804	1809	1815	rBV2	557134	613256	28.52%	3.147%
43	12.868	1829	1833	1837	rBV	2047612	1868267	86.88%	9.586%
44	13.057	1861	1865	1868	rVB3	102187	161757	7.52%	0.830%
45	13.098	1870	1872	1874	rBV3	43242	41259	1.92%	0.212%
46	13.157	1880	1882	1885	rBV2	59469	60162	2.80%	0.309%
47	13.351	1912	1915	1922	rVB	313074	274426	12.76%	1.408%
48	13.786	1986	1989	1996	rBV2	172674	307714	14.31%	1.579%
49	13.927	2009	2013	2016	rBV2	808147	956139	44.47%	4.906%
50	15.380	2257	2260	2267	rVB	533059	702944	32.69%	3.607%

Sum of corrected areas: 19488984

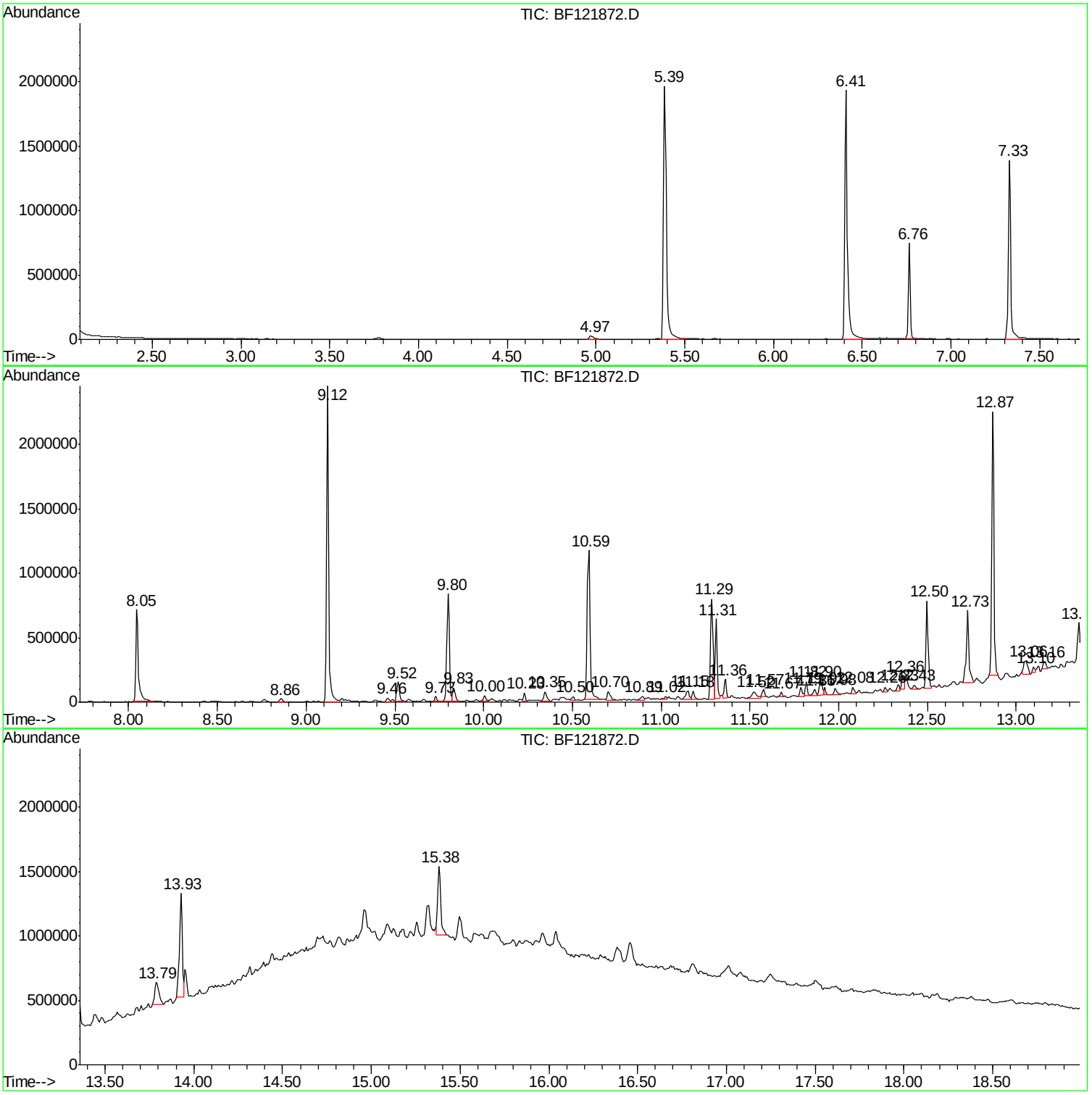
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121872.D
Acq On : 7 Oct 2020 14:23
Operator : JU/CG
Sample : L4190-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B18-092920-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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\BF100720\
Data File : BF121872.D
Acq On : 7 Oct 2020 14:23
Operator : JU/CG
Sample : L4190-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B18-092920-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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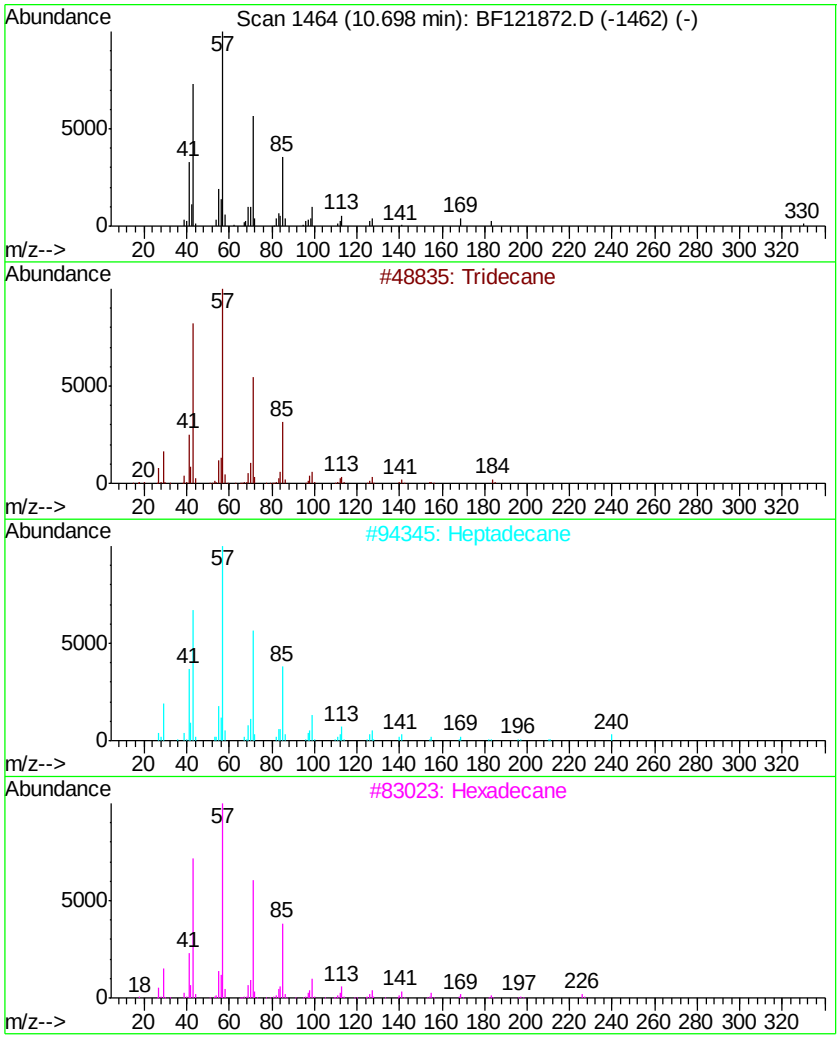
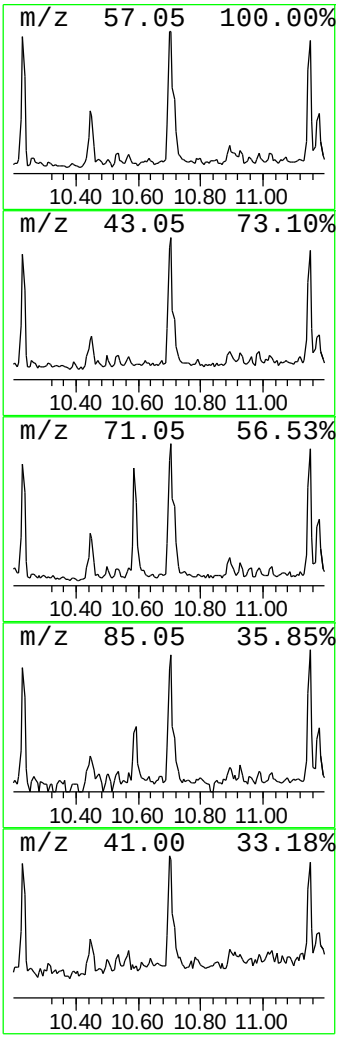
Peak Number 1 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	2.68 ng	96015	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121872.D
Acq On : 7 Oct 2020 14:23
Operator : JU/CG
Sample : L4190-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B18-092920-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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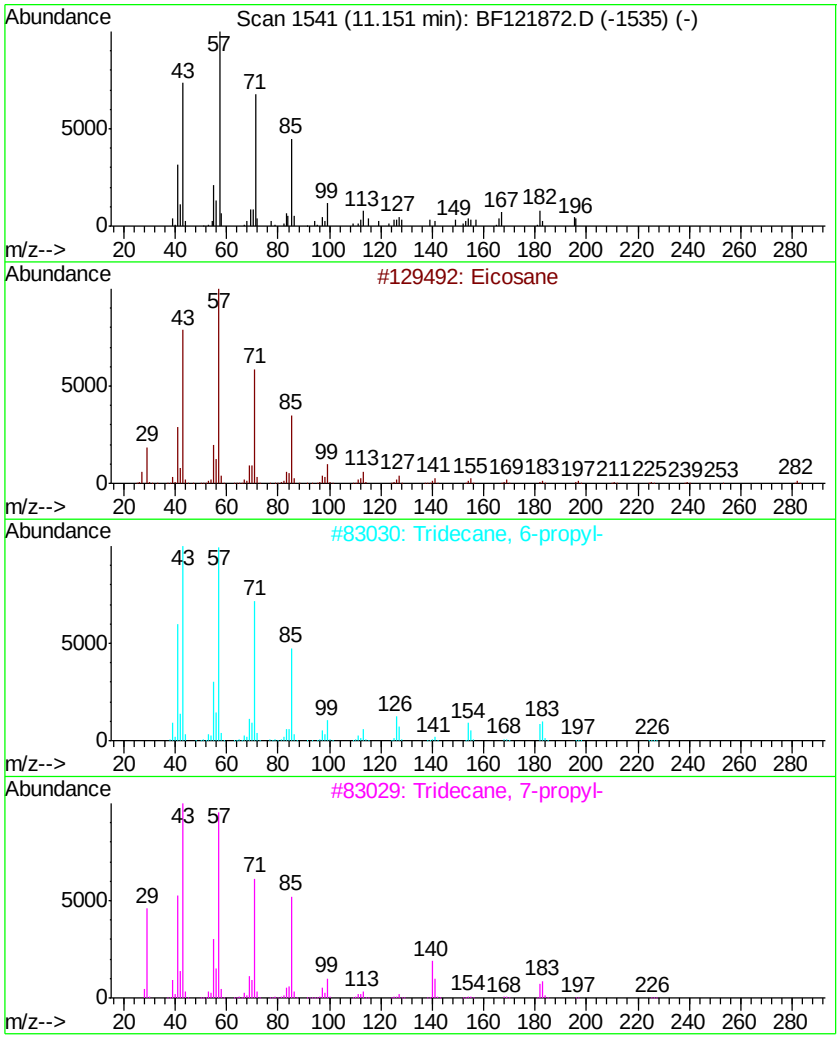
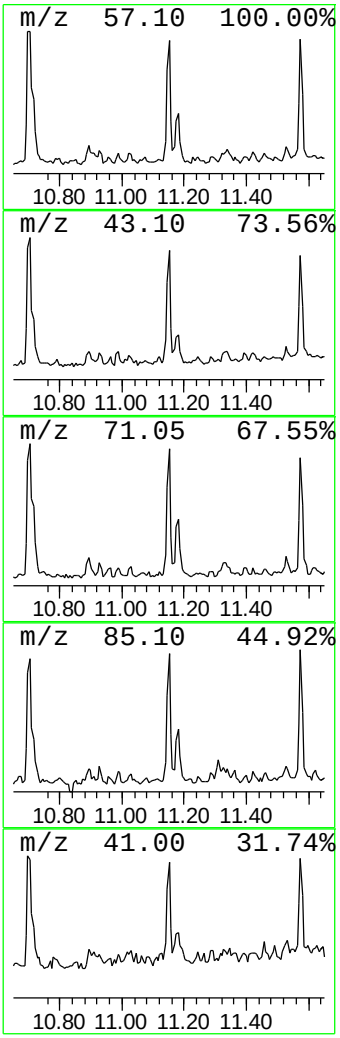
Peak Number 2 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	2.26 ng	80939	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	74
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	72
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	72
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121872.D
Acq On : 7 Oct 2020 14:23
Operator : JU/CG
Sample : L4190-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B18-092920-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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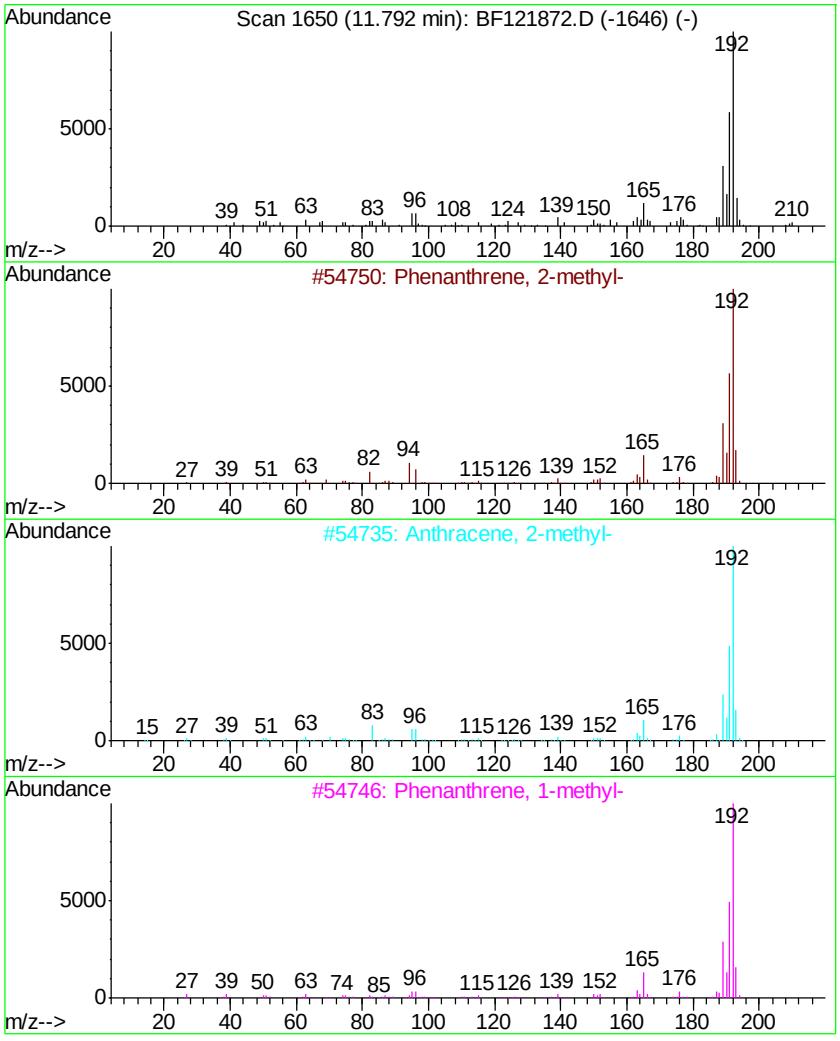
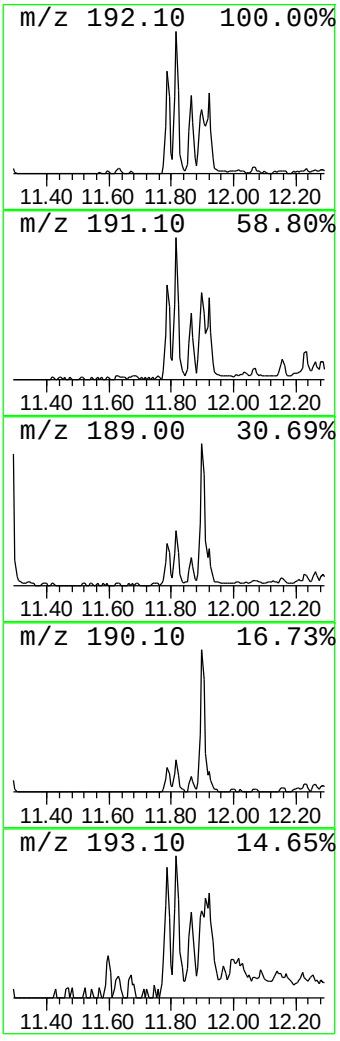
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.10 ng	75131	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121872.D
Acq On : 7 Oct 2020 14:23
Operator : JU/CG
Sample : L4190-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B18-092920-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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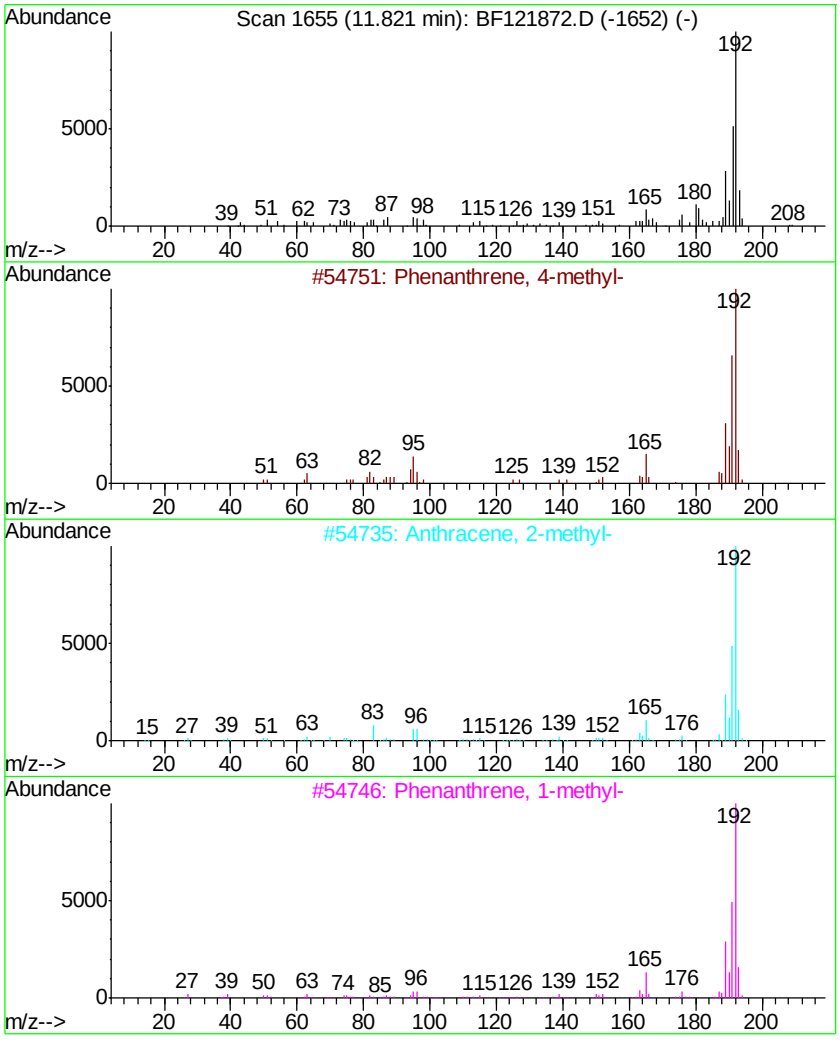
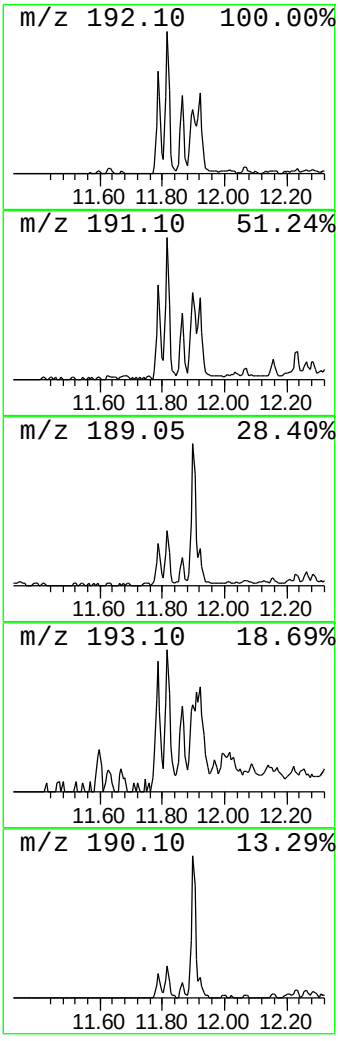
Peak Number 5 Phenanthrene, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	2.84 ng	101695	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121872.D
Acq On : 7 Oct 2020 14:23
Operator : JU/CG
Sample : L4190-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B18-092920-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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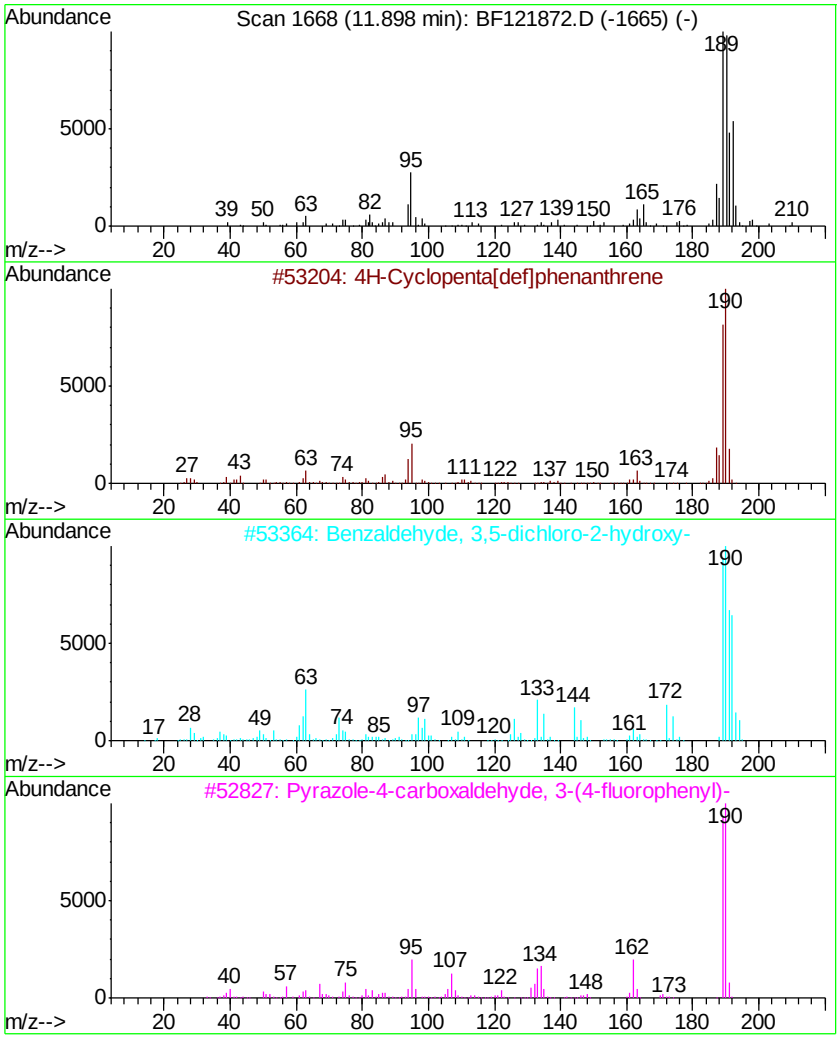
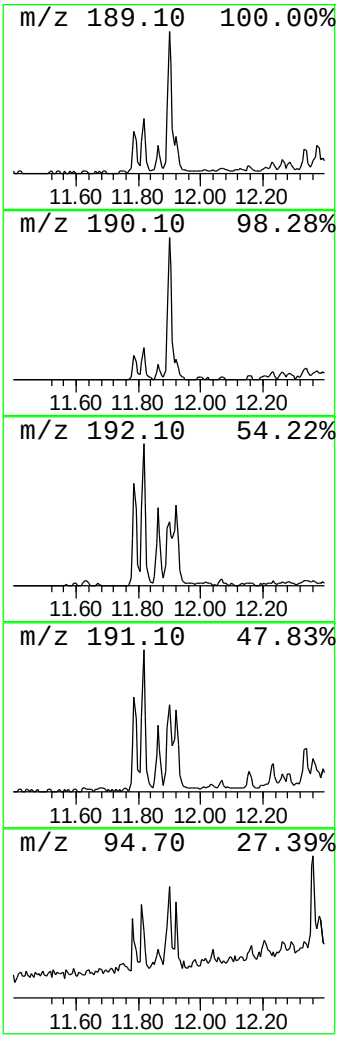
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	3.47 ng	124060	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	47
4	Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121872.D
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Operator : JU/CG
Sample : L4190-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B18-092920-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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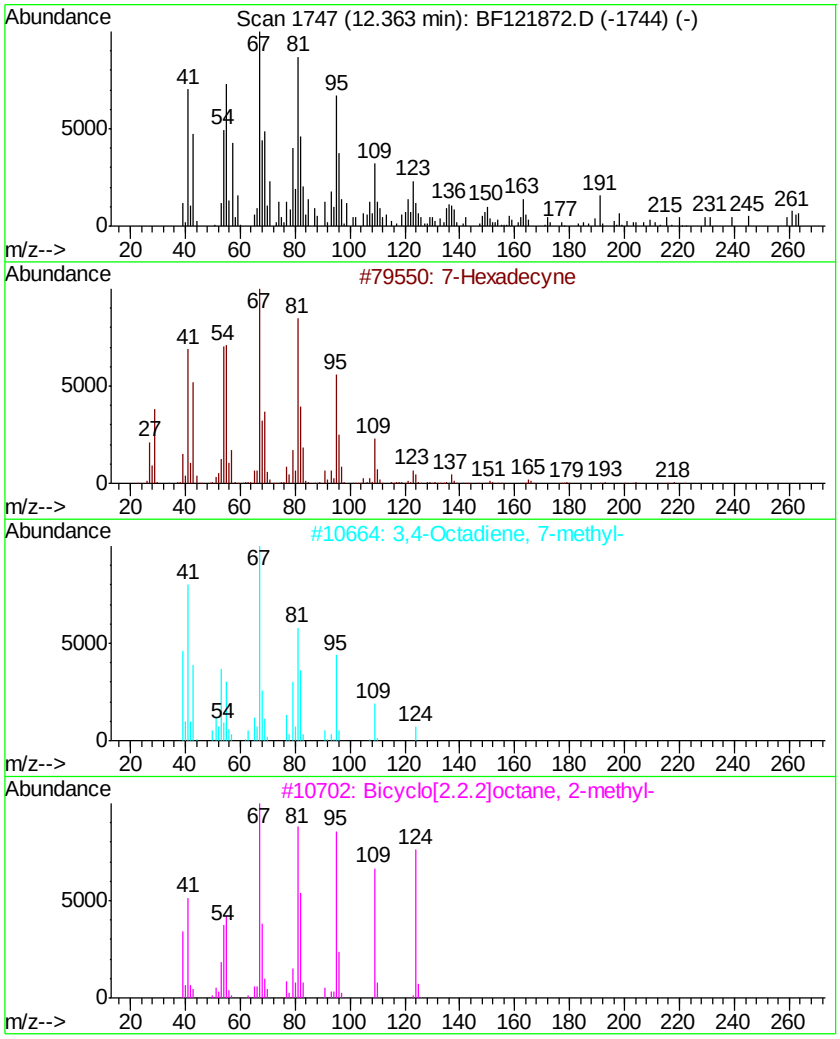
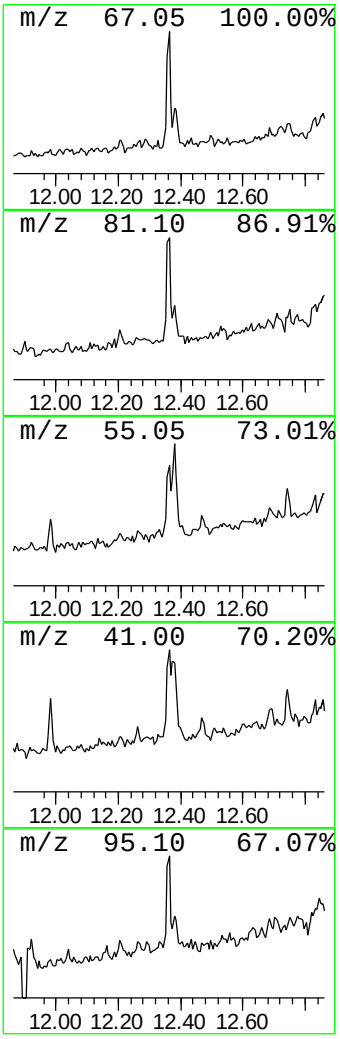
Peak Number 7 7-Hexadecyne Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	2.61 ng	93393	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecyne	222	C16H30	074685-28-2	91
2	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	81
3	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	74
4	9-Octadecyne	250	C18H34	035365-59-4	74
5	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121872.D
Acq On : 7 Oct 2020 14:23
Operator : JU/CG
Sample : L4190-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B18-092920-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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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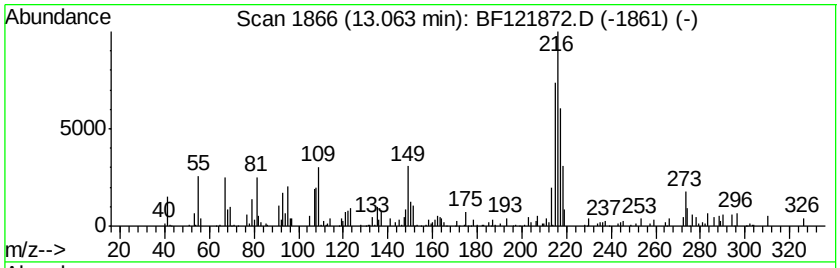
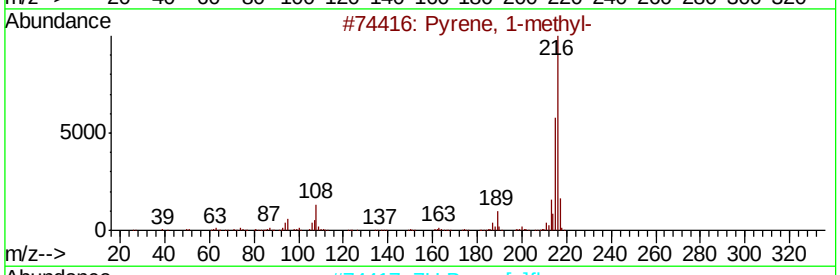
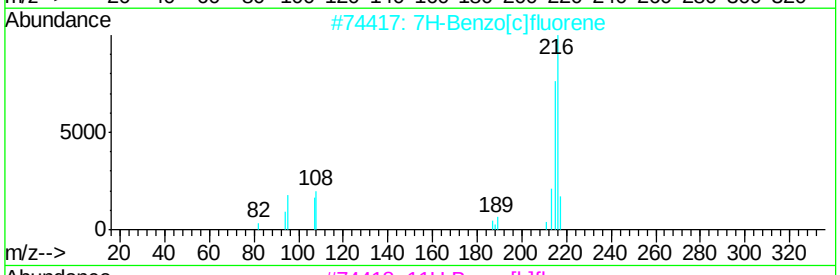
Peak Number 8 Pyrene, 1-methyl- Concentration Rank 4

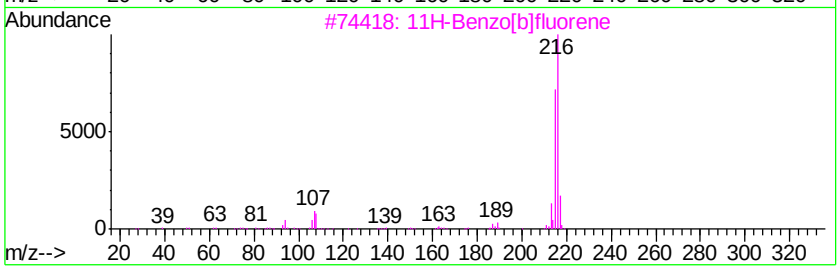
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	3.38 ng	161757	Chrysene-d12	13.93

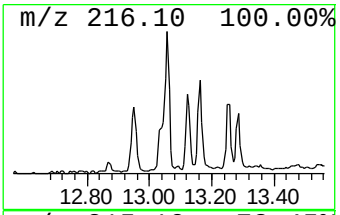
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72

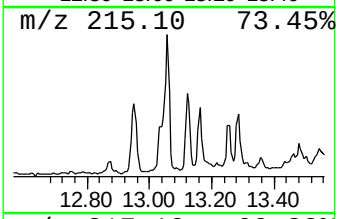


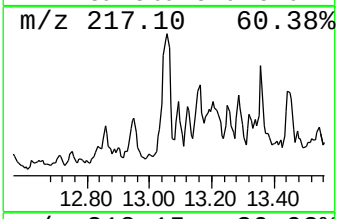


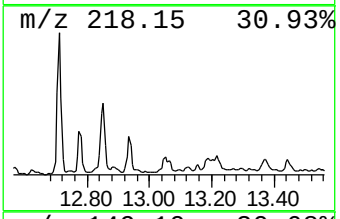


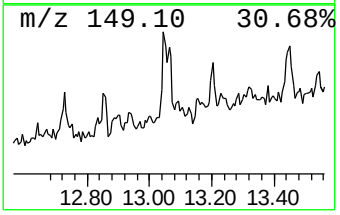












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121872.D
Acq On : 7 Oct 2020 14:23
Operator : JU/CG
Sample : L4190-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B18-092920-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

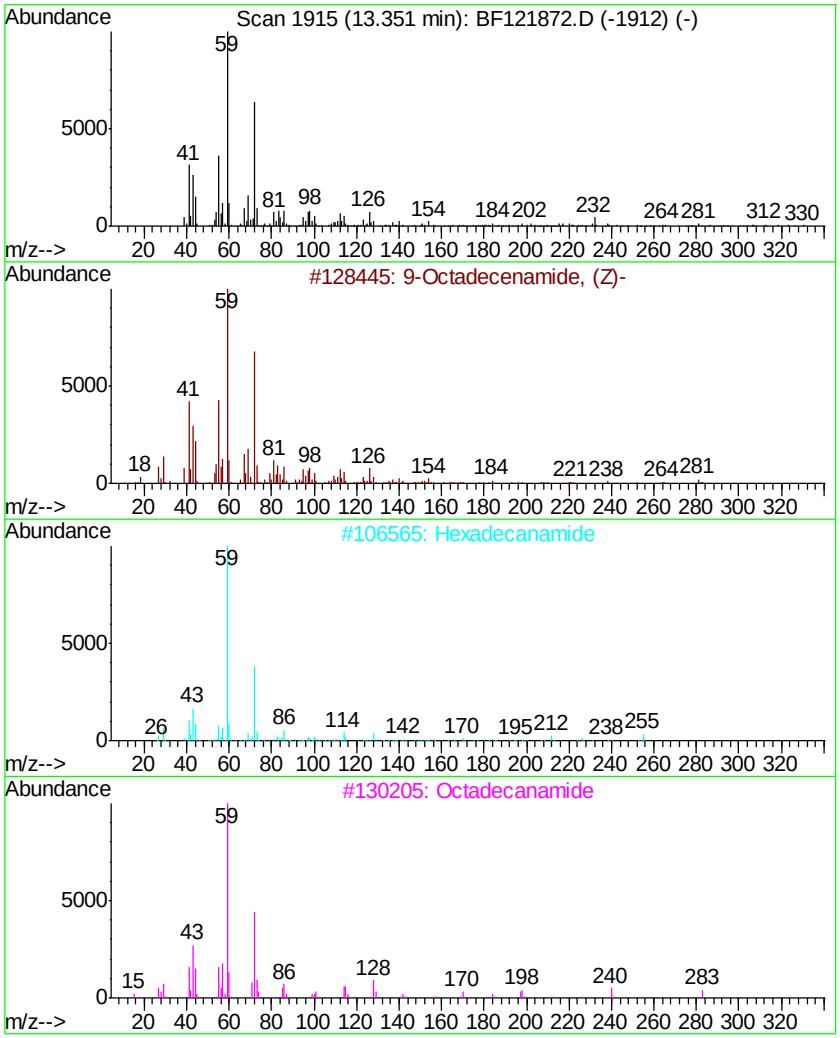
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

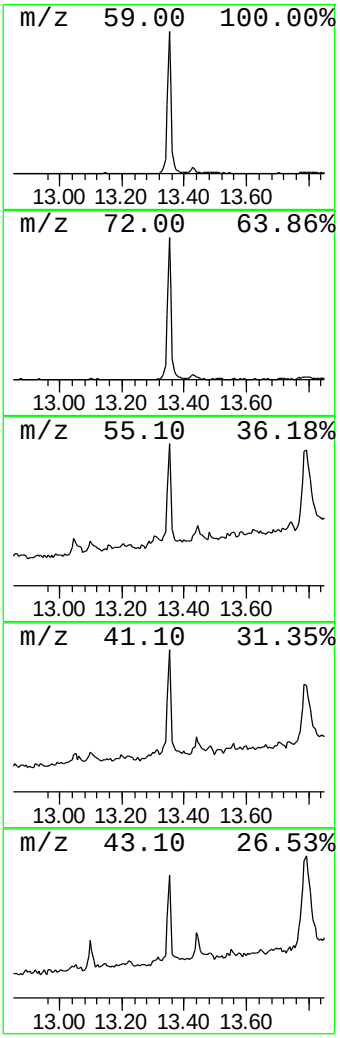
****

Peak Number 9 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	5.74 ng	274426	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	96
2	Hexadecanamide	255	C16H33NO	000629-54-9	64
3	Octadecanamide	283	C18H37NO	000124-26-5	59
4	Nonanamide	157	C9H19NO	001120-07-6	59
5	2,2-Dimethyl-tetrahydro-[1,3]dio...	190	C8H14O5	1000194-40-4	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
Data File : BF121872.D
Acq On : 7 Oct 2020 14:23
Operator : JU/CG
Sample : L4190-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B18-092920-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

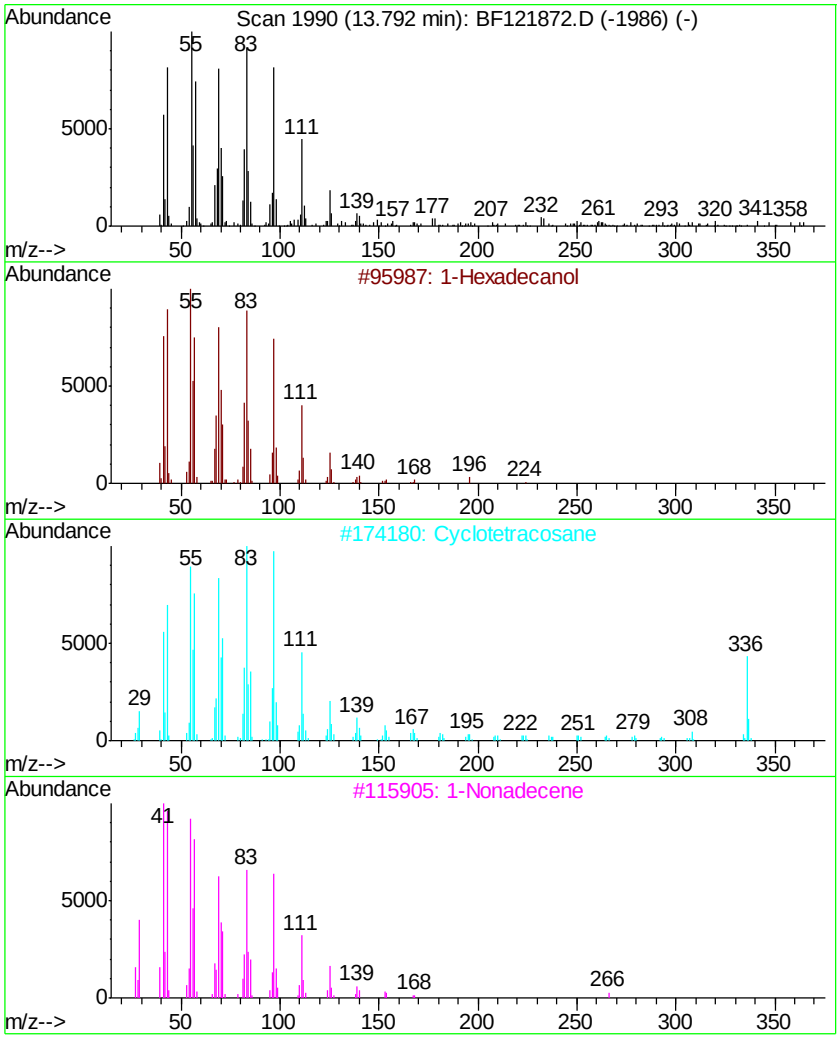
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

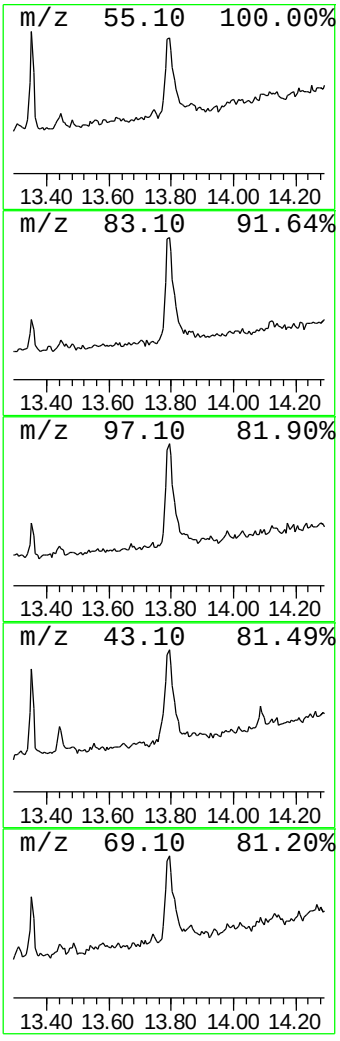
****

Peak Number 10 1-Hexadecanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	6.44 ng	307714	Chrysene-d12	13.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	93
2	Cyclotetracosane	336	C24H48	000297-03-0	87
3	1-Nonadecene	266	C19H38	018435-45-5	74
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	74
5	1-Pentadecene	210	C15H30	013360-61-7	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100720\
Data File : BF121872.D
Acq On : 7 Oct 2020 14:23
Operator : JU/CG
Sample : L4190-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B18-092920-DP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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
Tridecane	10.70	2.7	ng	96015	4	11.29	715294	20.0
Eicosane	11.15	2.3	ng	80939	4	11.29	715294	20.0
Phenanthrene, 2-m...	11.79	2.1	ng	75131	4	11.29	715294	20.0
Phenanthrene, 4-m...	11.82	2.8	ng	101695	4	11.29	715294	20.0
4H-Cyclopenta[def...	11.90	3.5	ng	124060	4	11.29	715294	20.0
7-Hexadecyne	12.36	2.6	ng	93393	4	11.29	715294	20.0
Pyrene, 1-methyl-	13.06	3.4	ng	161757	5	13.93	956139	20.0
9-Octadecenamide,...	13.35	5.7	ng	274426	5	13.93	956139	20.0
1-Hexadecanol	13.79	6.4	ng	307714	5	13.93	956139	20.0