LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122126.D
Acq On : 26 Oct 2020 20:43
Operator : JU/CG
Sample : L4436-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35A

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: BF122126.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.940	481	485	494	rBV	28541	44767	1.47%	0.163%
2	5.340	550	553	574	rBV	2420627	2552758	83.86%	9.267%
3	6.369	724	728	743	rBV	2446439	2644939	86.89%	9.602%
4	6.563	758	761	774	rVB	48983	71562	2.35%	0.260%
5	6.710	783	786	795	rVB	778636	667756	21.94%	2.424%
6	7.287	879	884	897	rBV	1874874	1836896	60.34%	6.668%
7	7.998	1001	1005	1008	rBV	959140	898932	29.53%	3.263%
8	9.069	1183	1187	1191	rBV	3086080	3044062	100.00%	11.051%
9	9.469	1251	1255	1263	rVB	458016	374349	12.30%	1.359%
10	9.745	1298	1302	1305	rBV	1243836	1020340	33.52%	3.704%
11	9.781	1305	1308	1313	rVB	116247	107362	3.53%	0.390%
12	9.957	1332	1338	1342	rBV	41111	41250	1.36%	0.150%
13	10.298	1392	1396	1402	rBV	76203	73971	2.43%	0.269%
14	10.539	1433	1437	1449	rBV	1881846	1696138	55.72%	6.157%
15	11.133	1535	1538	1542	rVB	37167	37352	1.23%	0.136%
16	11.233	1551	1555	1557	rBV	1189823	1024793	33.67%	3.720%
17	11.257	1557	1559	1563	rVV	799070	632714	20.79%	2.297%
18	11.310	1563	1568	1571	rVB	139296	132470	4.35%	0.481%
19	11.475	1591	1596	1602	rBV2	80766	99034	3.25%	0.360%
20	11.733	1637	1640	1643	rBV	90767	79892	2.62%	0.290%
21	11.763	1643	1645	1651	rVB	147747	134768	4.43%	0.489%
22	11.845	1656	1659	1662	rVV	150440	162155	5.33%	0.589%
23	11.869	1662	1663	1670	rVB	64148	43234	1.42%	0.157%
24	12.028	1687	1690	1694	rVB	72916	60461	1.99%	0.219%
25	12.069	1694	1697	1701	rBV	94243	94558	3.11%	0.343%
26	12.175	1711	1715	1718	rBV2	26322	31952	1.05%	0.116%
27	12.280	1730	1733	1736	rBV	46810	45940	1.51%	0.167%
28	12.322	1736	1740	1742	rVV2	27545	36952	1.21%	0.134%
29	12.380	1746	1750	1754	rVB2	41324	46954	1.54%	0.170%
30	12.445	1757	1761	1765	rBV	1035659	893512	29.35%	3.244%
31	12.545	1776	1778	1783	rBV5	25154	34855	1.15%	0.127%
32	12.598	1783	1787	1789	rBV	61175	56185	1.85%	0.204%
33	12.675	1794	1800	1805	rVV	883101	902384	29.64%	3.276%
34	12.727	1807	1809	1814	rVB2	47476	44257	1.45%	0.161%
35	12.816	1818	1824	1828	rBV	2835845	2833590	93.09%	10.287%
36	12.898	1834	1838	1842	rVB3	51884	86813	2.85%	0.315%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122126.D
Acq On : 26 Oct 2020 20:43
Operator : JU/CG
Sample : L4436-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35A

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	12.980	1849	1852	1854	rBV3	42175	54975	1.81%	0.200%
38	13.004	1854	1856	1859	rVB	114854	102043	3.35%	0.370%
39	13.069	1865	1867	1870	rBV	88831	75761	2.49%	0.275%
40	13.110	1870	1874	1881	rVV3	77305	121073	3.98%	0.440%
41	13.204	1887	1890	1892	rBV	38522	31020	1.02%	0.113%
42	13.233	1892	1895	1898	rBV3	45242	46927	1.54%	0.170%
43	13.380	1917	1920	1923	rBV	75370	74720	2.45%	0.271%
44	13.498	1936	1940	1942	rBV4	27636	45582	1.50%	0.165%
45	13.522	1942	1944	1947	rVB	52632	49678	1.63%	0.180%
46	13.627	1959	1962	1964	rBV2	71807	73892	2.43%	0.268%
47	13.651	1964	1966	1968	rVB	58945	46983	1.54%	0.171%
48	13.674	1968	1970	1972	rBV	40068	39815	1.31%	0.145%
49	13.710	1972	1976	1979	rBV2	292291	380490	12.50%	1.381%
50	13.874	1999	2004	2007	rBV2	897317	1073236	35.26%	3.896%
51	13.898	2007	2008	2013	rVB	330333	266676	8.76%	0.968%
52	13.980	2020	2022	2025	rVB	72978	54243	1.78%	0.197%
53	14.027	2027	2030	2037	rBV3	80912	108644	3.57%	0.394%
54	14.345	2078	2084	2085	rBV4	88379	161709	5.31%	0.587%
55	14.486	2106	2108	2112	rBV	127694	133970	4.40%	0.486%
56	14.627	2130	2132	2137	rVB2	72897	64930	2.13%	0.236%
57	14.898	2175	2178	2181	rBV	304886	399899	13.14%	1.452%
58	15.004	2194	2196	2200	rVB	64745	64057	2.10%	0.233%
59	15.186	2224	2227	2232	rVB	171038	183212	6.02%	0.665%
60	15.251	2234	2238	2241	rBV	253896	283408	9.31%	1.029%
61	15.304	2243	2247	2251	rVV	550225	648150	21.29%	2.353%
62	16.710	2481	2486	2494	rVB	127437	240149	7.89%	0.872%
63	17.139	2554	2559	2565	rBV	74247	131111	4.31%	0.476%

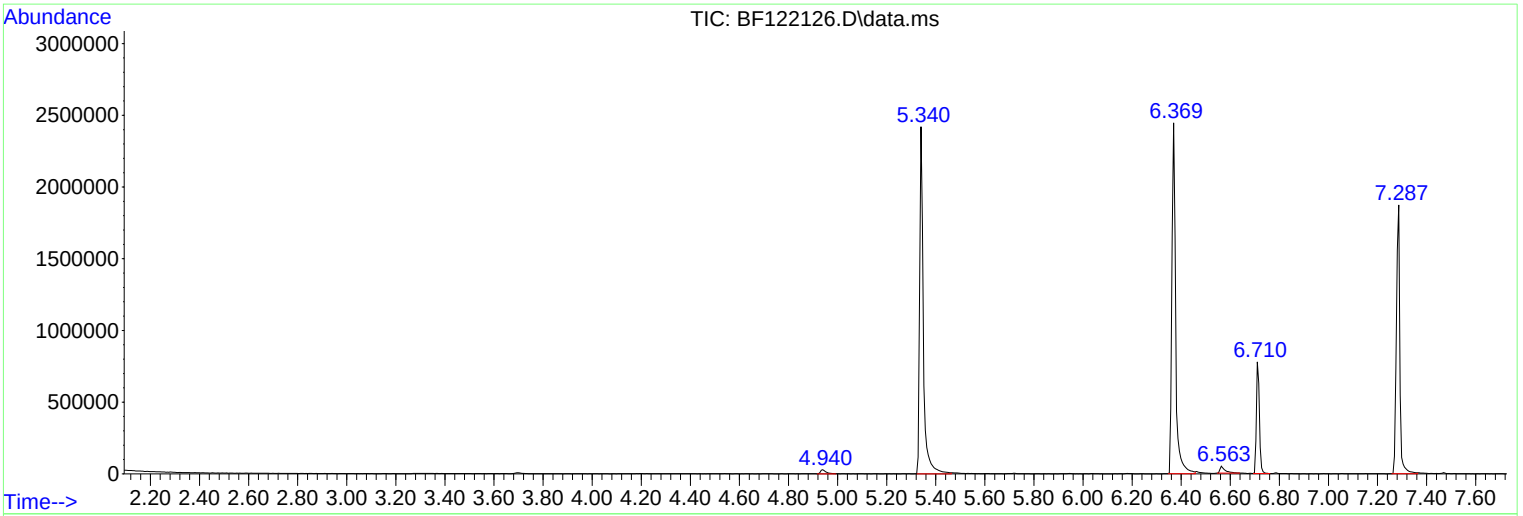
Sum of corrected areas: 27546260

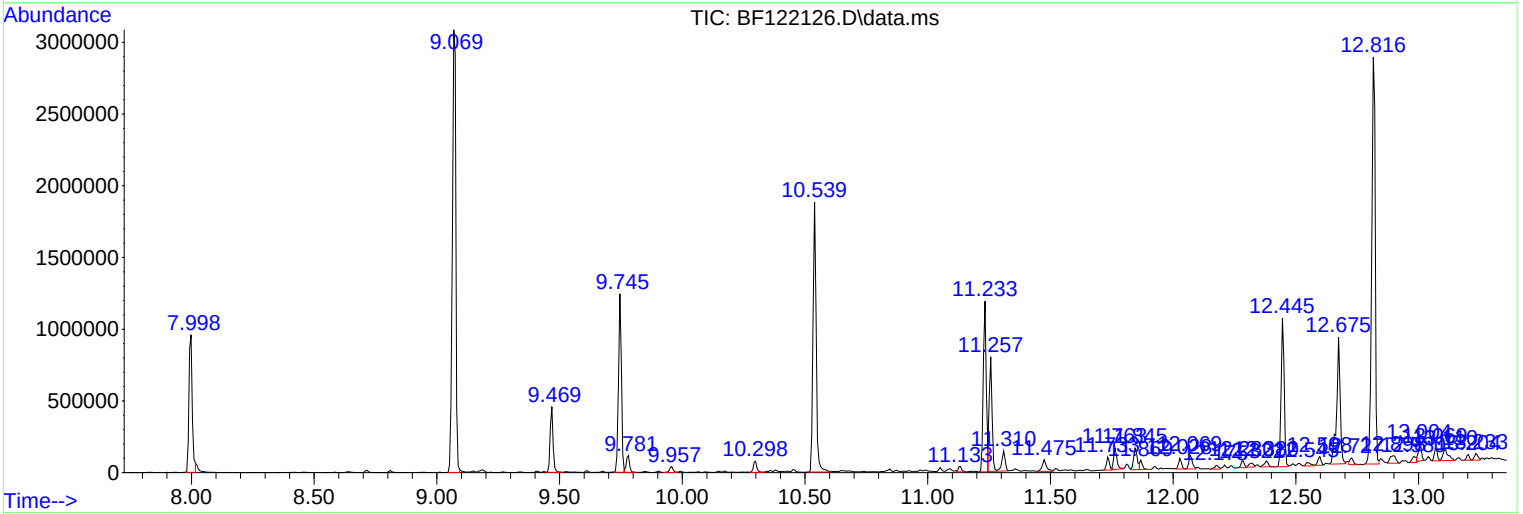
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122126.D
Acq On : 26 Oct 2020 20:43
Operator : JU/CG
Sample : L4436-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

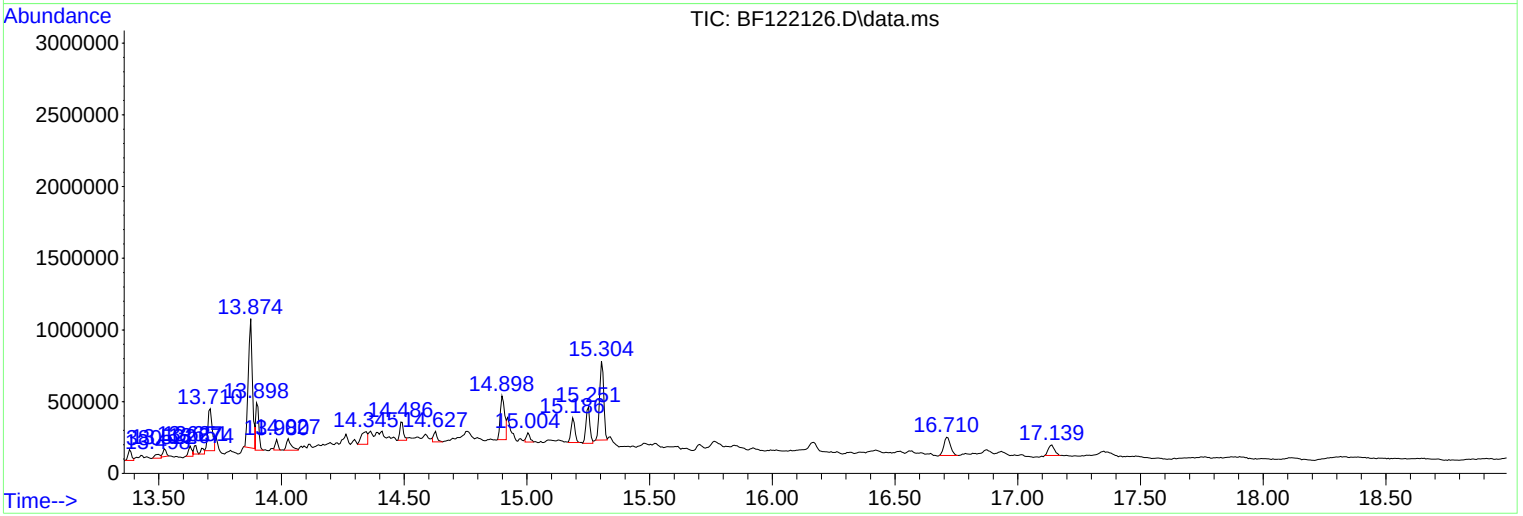
Instrument :
BNA_F
ClientSampleId :
35A

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\BF102620\
Data File : BF122126.D
Acq On : 26 Oct 2020 20:43
Operator : JU/CG
Sample : L4436-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35A

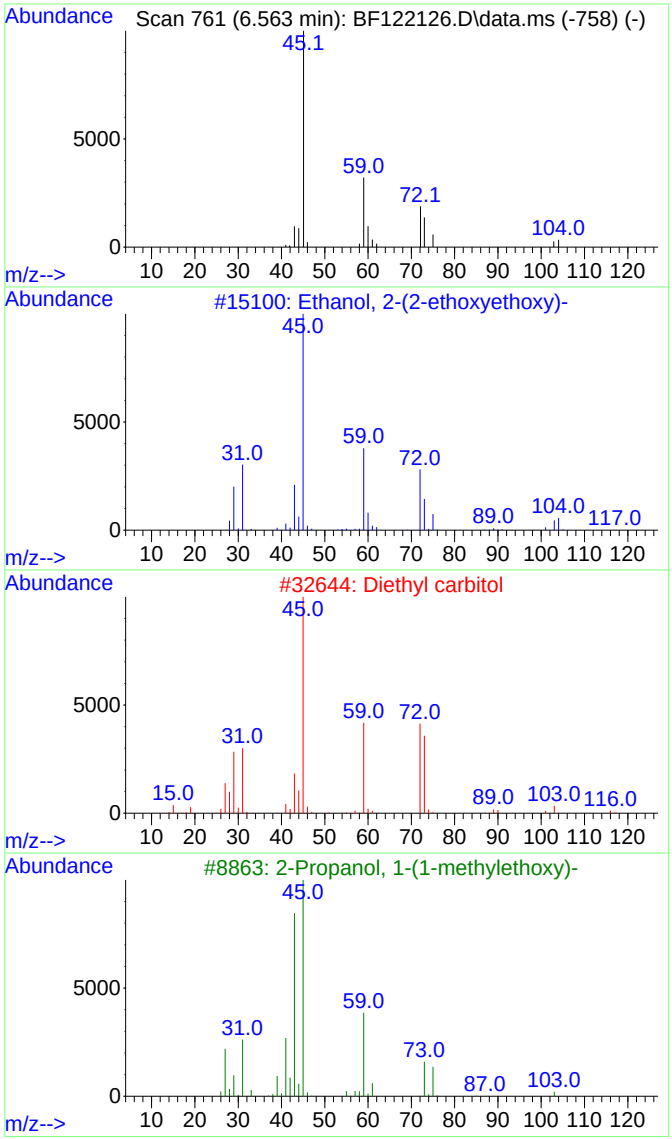
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

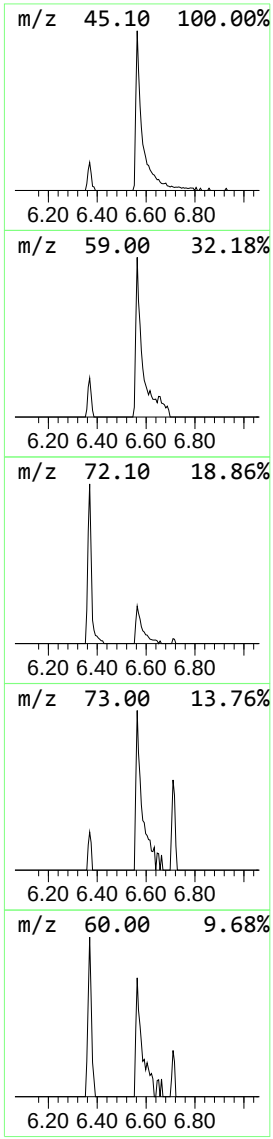
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.563	2.14 ng	71562	1,4-Dichlorobenzene-d4	6.710

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Diethyl carbitol	162	C8H18O3	000112-36-7	72
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	38
5	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122126.D
Acq On : 26 Oct 2020 20:43
Operator : JU/CG
Sample : L4436-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35A

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

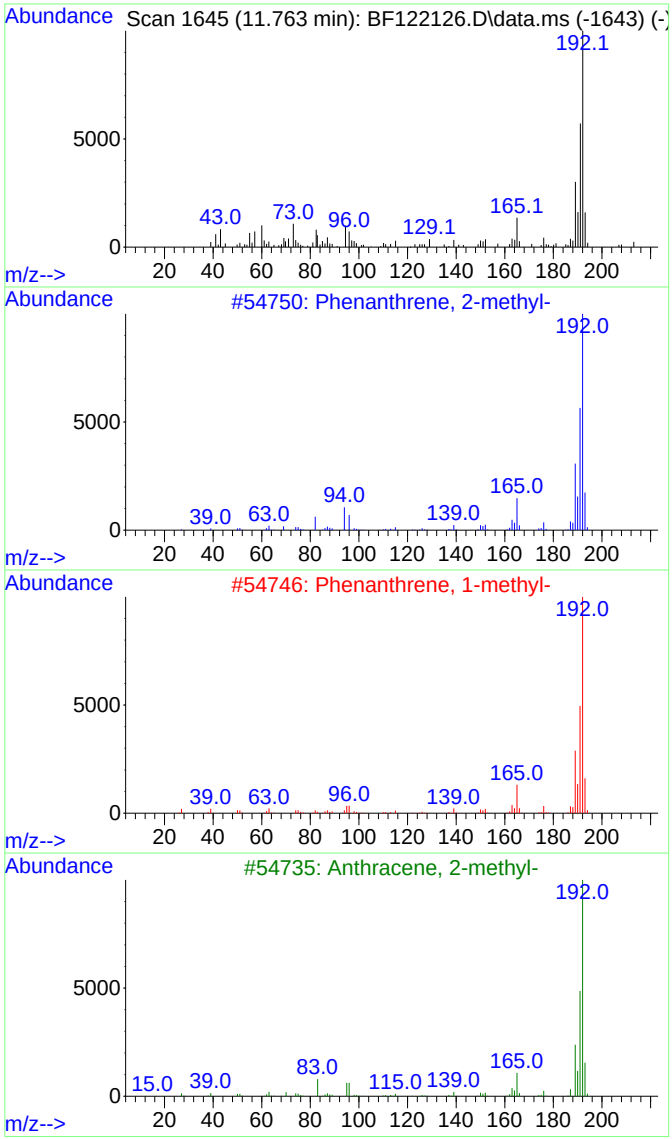
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

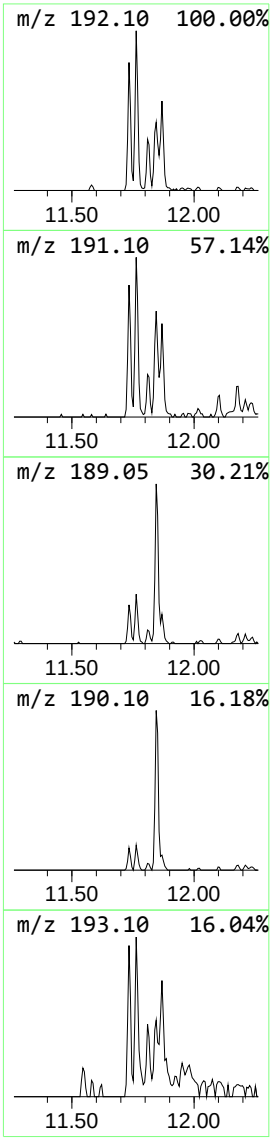
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.763	2.63 ng	134768	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122126.D
Acq On : 26 Oct 2020 20:43
Operator : JU/CG
Sample : L4436-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35A

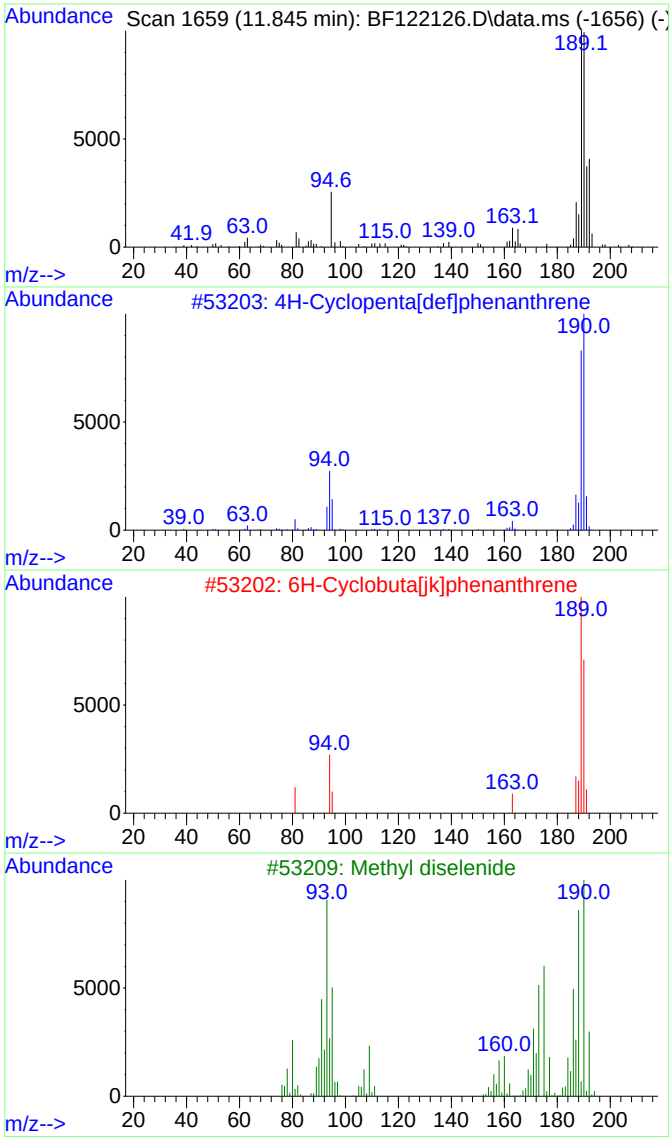
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

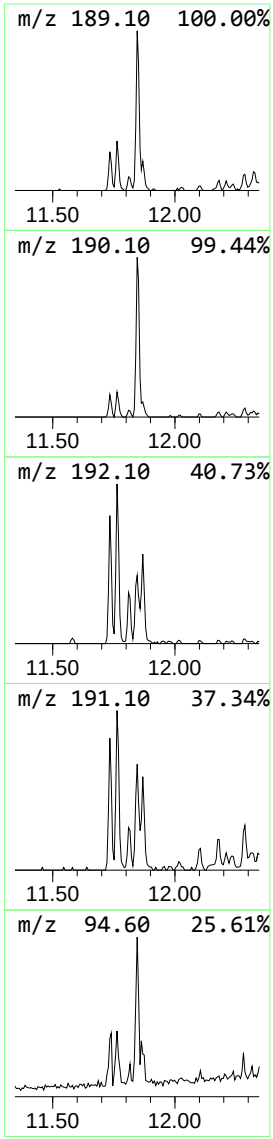
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	3.16 ng	162155	Phenanthrene-d10	11.233

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	53
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122126.D
Acq On : 26 Oct 2020 20:43
Operator : JU/CG
Sample : L4436-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35A

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

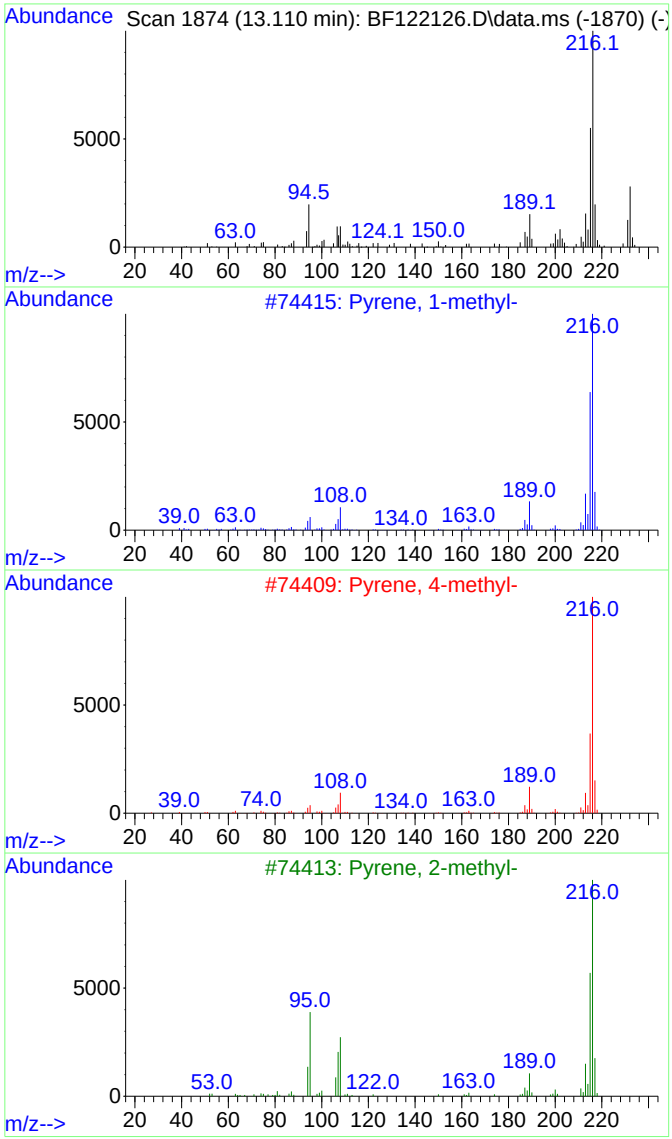
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

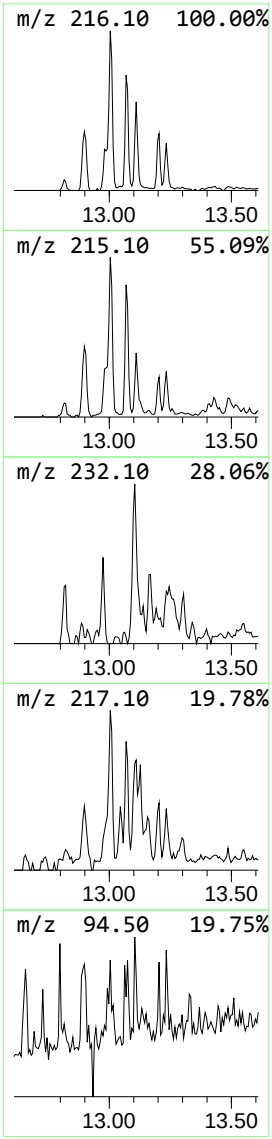
****

Peak Number 4 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.110	2.26 ng	121073	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	1,3,2-Oxazaborolidine, 2-butyl-3...	231	C14H22BNO	026535-27-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122126.D
Acq On : 26 Oct 2020 20:43
Operator : JU/CG
Sample : L4436-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35A

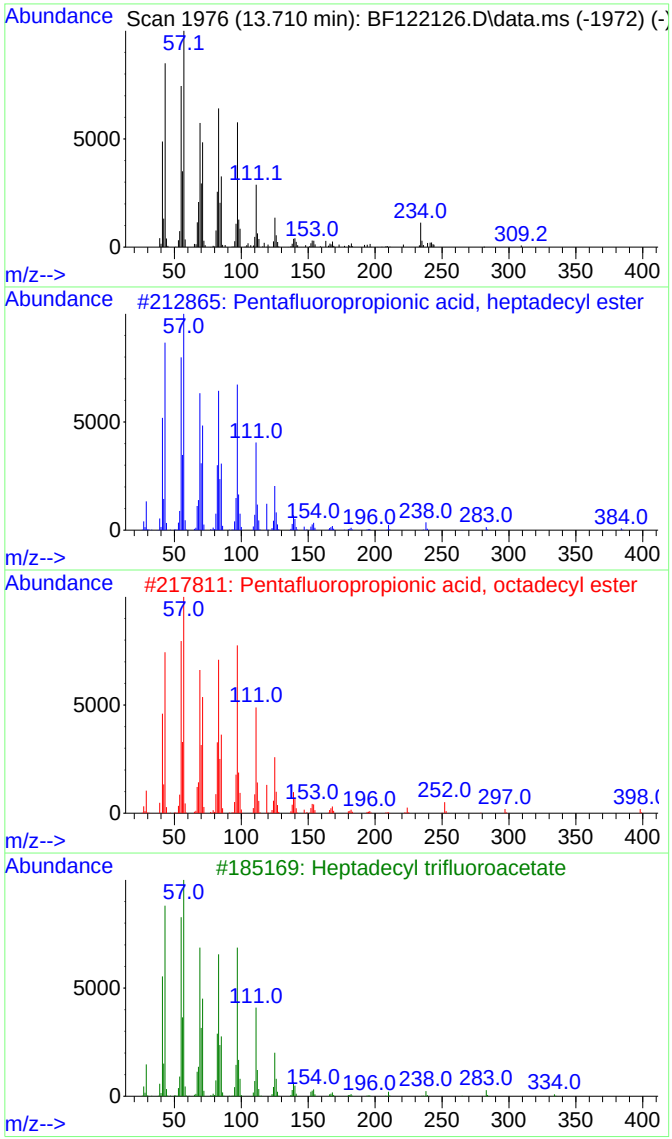
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

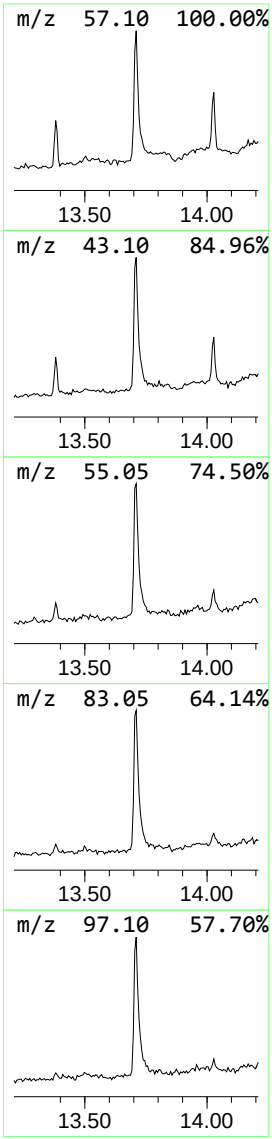
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.710	7.09 ng	380490	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
4	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122126.D
Acq On : 26 Oct 2020 20:43
Operator : JU/CG
Sample : L4436-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35A

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

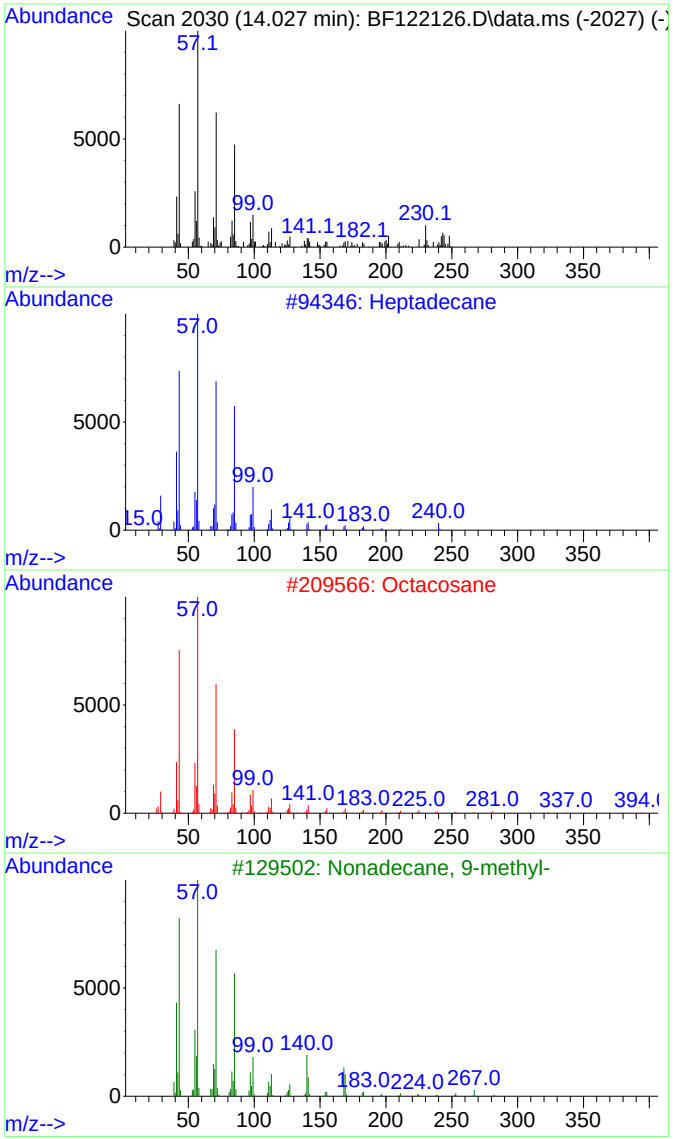
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

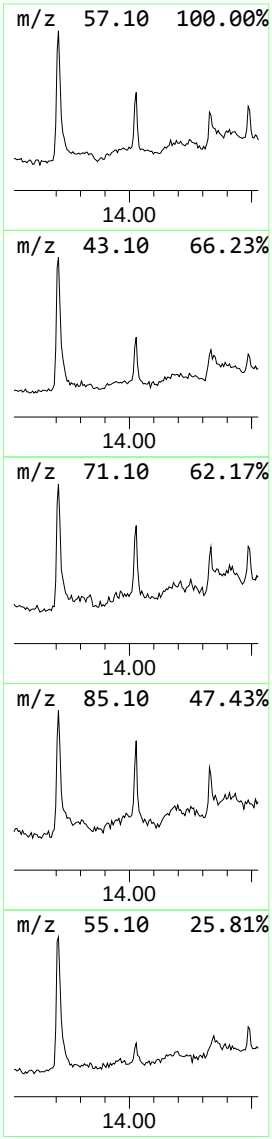
****

Peak Number 6 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.027	2.02 ng	108644	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Octacosane	394	C28H58	000630-02-4	81
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	74
4	2-methyloctacosane	408	C29H60	1000376-72-8	74
5	Hexacosane	366	C26H54	000630-01-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122126.D
Acq On : 26 Oct 2020 20:43
Operator : JU/CG
Sample : L4436-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35A

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

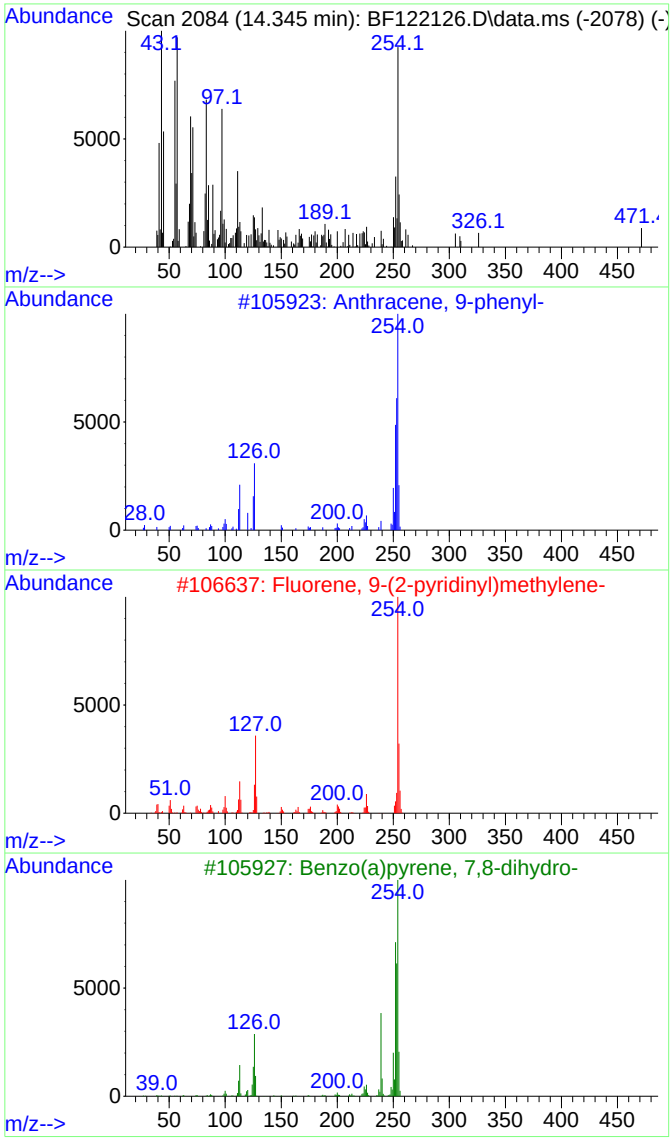
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

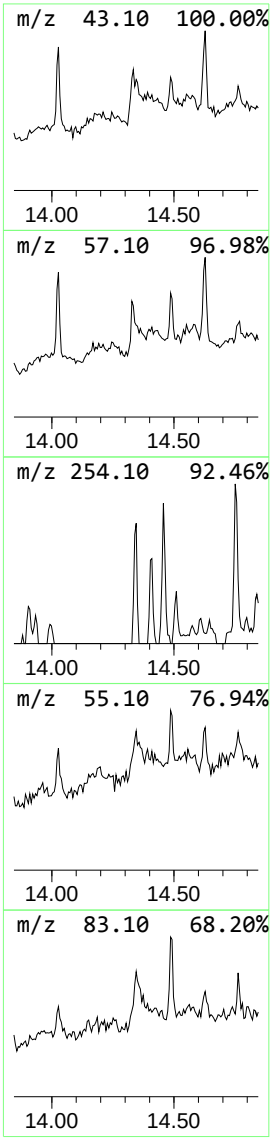
****

Peak Number 7 unknown14.345 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.345	3.01 ng	161709	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	46
2	Fluorene, 9-(2-pyridinyl)methylene-	255	C19H13N	002871-27-4	42
3	Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	41
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	41
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	38





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Acq On : 26 Oct 2020 20:43
Operator : JU/CG
Sample : L4436-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35A

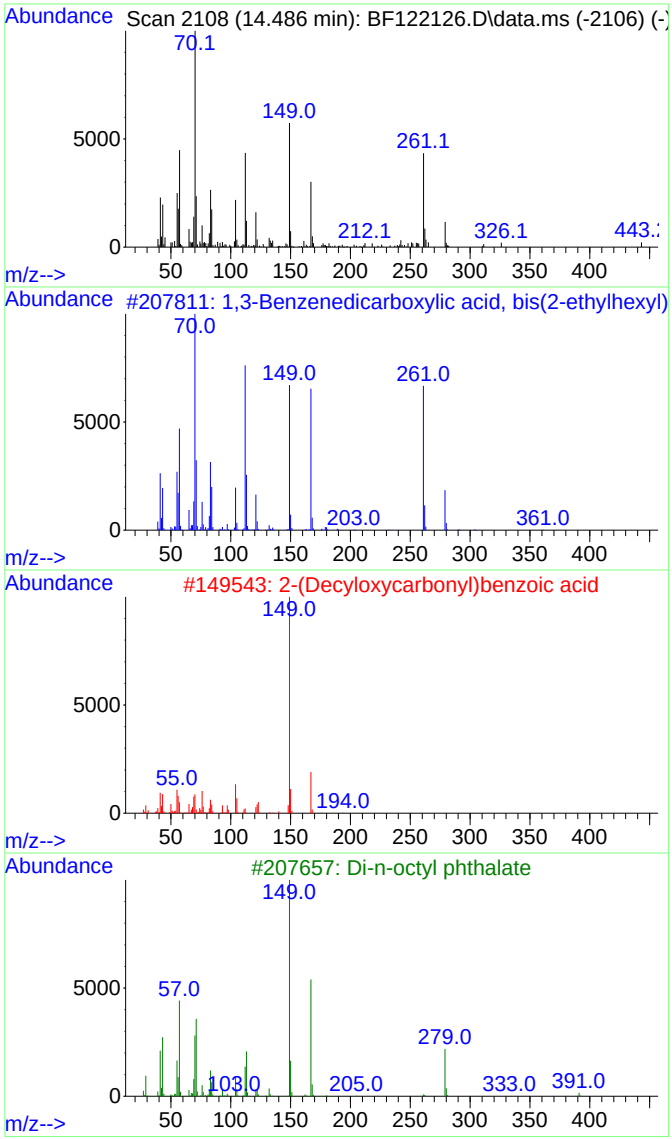
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

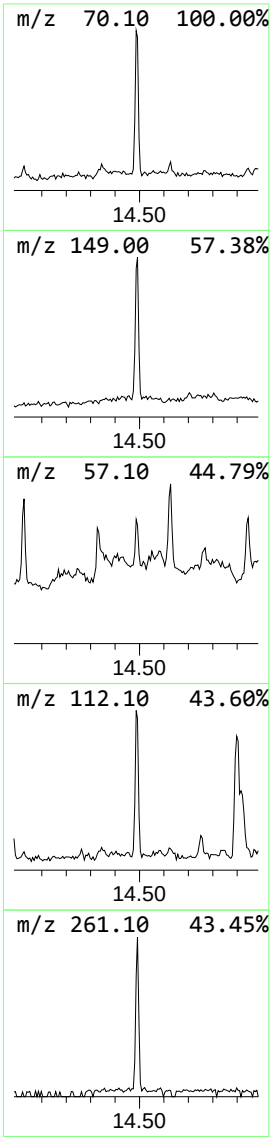
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,3-Benzenedicarboxylic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.486	2.50 ng	133970	Chrysene-d12	13.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	58
2	2-(Decyloxycarbonyl)benzoic acid	306	C18H26O4	1000373-53-2	35
3	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	22
4	Phthalic acid, cyclohexylmethyl ...	374	C21H20F2O4	1000315-61-2	22
5	2-Undecene, 3-methyl-, (E)-	168	C12H24	074630-47-0	18





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Acq On : 26 Oct 2020 20:43
Operator : JU/CG
Sample : L4436-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35A

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

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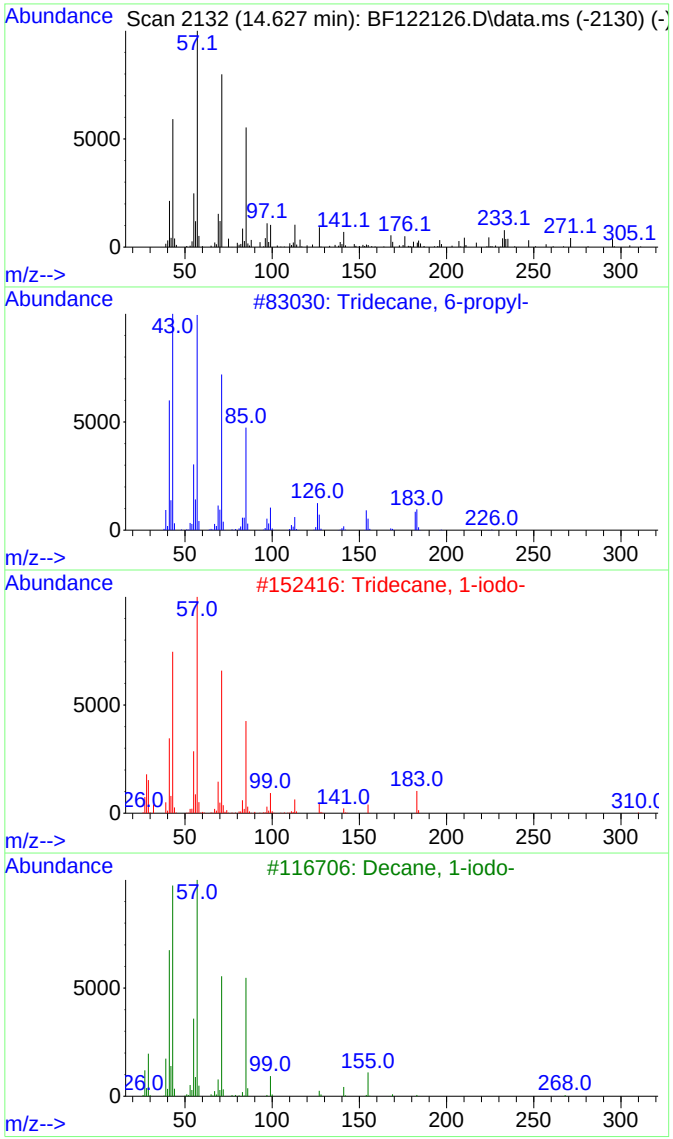
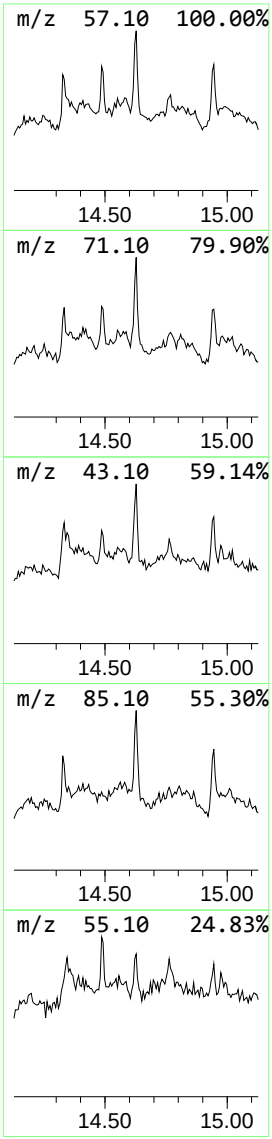
Peak Number 9 Tridecane, 6-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.627	2.00 ng	64930	Perylene-d12	15.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-propyl-	226	C16H34	055045-10-8	76
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	59
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59
5	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122126.D
Acq On : 26 Oct 2020 20:43
Operator : JU/CG
Sample : L4436-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35A

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

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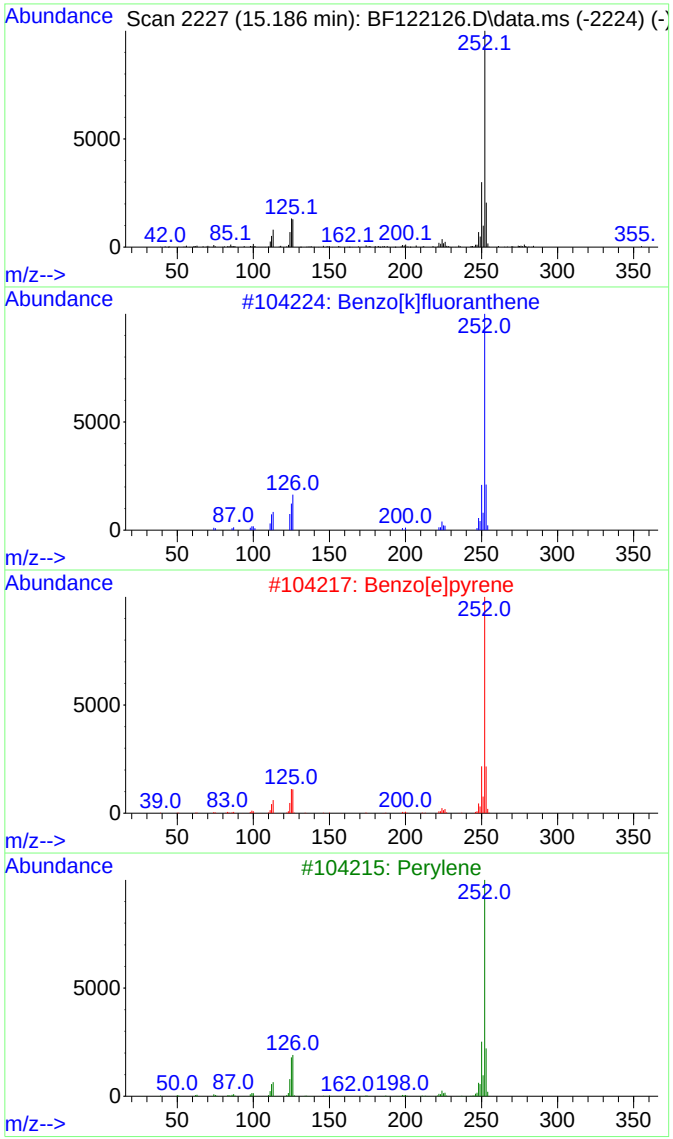
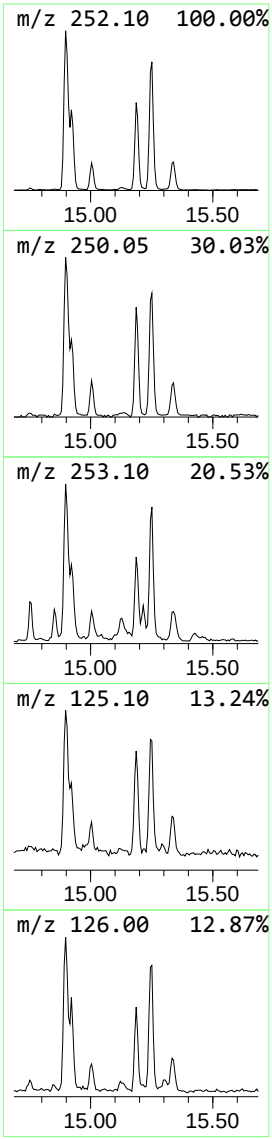
Peak Number 10 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.186	5.65 ng	183212	Perylene-d12	15.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Perylene	252	C20H12	000198-55-0	98
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102620\
Data File : BF122126.D
Acq On : 26 Oct 2020 20:43
Operator : JU/CG
Sample : L4436-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 35A

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
Ethanol, 2-(2-e...	6.563	2.1	ng	71562	1	6.710	667756	20.0
Phenanthrene, 2...	11.763	2.6	ng	134768	4	11.233	1024790	20.0
4H-Cyclopenta[d...	11.845	3.2	ng	162155	4	11.233	1024790	20.0
Pyrene, 1-methyl-	13.110	2.3	ng	121073	5	13.874	1073240	20.0
Pentafluoroprop...	13.710	7.1	ng	380490	5	13.874	1073240	20.0
Heptadecane	14.027	2.0	ng	108644	5	13.874	1073240	20.0
unknown14.345	14.345	3.0	ng	161709	5	13.874	1073240	20.0
1,3-Benzenedica...	14.486	2.5	ng	133970	5	13.874	1073240	20.0
Tridecane, 6-pr...	14.627	2.0	ng	64930	6	15.304	648150	20.0
Benzo[e]pyrene	15.186	5.7	ng	183212	6	15.304	648150	20.0