LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136428.D
Acq On : 06 Dec 2023 15:05
Operator : CG\JU
Sample : 05598-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 347

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-BF120523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136428.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.028	496	500	508	rVB	74652	90827	4.06%	0.431%
2	5.434	564	569	572	rBV	1814960	1719233	76.87%	8.157%
3	6.434	733	739	742	rBV	1967823	1893638	84.67%	8.985%
4	6.793	797	800	804	rBV	737719	652953	29.20%	3.098%
5	7.357	890	896	899	rBV	1386357	1244886	55.66%	5.906%
6	8.069	1013	1017	1020	rBV	894167	831401	37.17%	3.945%
7	8.092	1020	1021	1024	rVB	56509	31202	1.40%	0.148%
8	9.151	1196	1201	1204	rBV	2805412	2236467	100.00%	10.611%
9	9.686	1289	1292	1296	rBV	47085	37597	1.68%	0.178%
10	9.828	1309	1316	1319	rBV	986060	807666	36.11%	3.832%
11	9.857	1319	1321	1325	rVB	41899	40300	1.80%	0.191%
12	10.034	1347	1351	1355	rBV	36169	34874	1.56%	0.165%
13	10.375	1406	1409	1416	rVB	54398	52464	2.35%	0.249%
14	10.616	1446	1450	1462	rBV	833167	736957	32.95%	3.497%
15	10.745	1468	1472	1478	rBV4	33924	49598	2.22%	0.235%
16	10.928	1499	1503	1506	rBV5	20627	26818	1.20%	0.127%
17	11.122	1533	1536	1540	rVB	29638	28207	1.26%	0.134%
18	11.216	1549	1552	1559	rVB2	40520	44263	1.98%	0.210%
19	11.316	1566	1569	1572	rBV	701583	682699	30.53%	3.239%
20	11.345	1572	1574	1577	rVV	541595	431033	19.27%	2.045%
21	11.392	1577	1582	1585	rVB	103127	92233	4.12%	0.438%
22	11.622	1618	1621	1624	rBV	31088	30144	1.35%	0.143%
23	11.822	1651	1655	1657	rBV	83357	65511	2.93%	0.311%
24	11.851	1657	1660	1665	rVV2	200504	199809	8.93%	0.948%
25	11.933	1670	1674	1676	rVV	129139	126045	5.64%	0.598%
26	11.957	1676	1678	1683	rVB	58259	49705	2.22%	0.236%
27	12.122	1703	1706	1708	rBV	54080	51879	2.32%	0.246%
28	12.145	1708	1710	1714	rVB2	68057	57928	2.59%	0.275%
29	12.375	1746	1749	1752	rBV	53652	53268	2.38%	0.253%
30	12.416	1752	1756	1758	rVV4	30662	45039	2.01%	0.214%
31	12.457	1761	1763	1768	rVV2	52881	57555	2.57%	0.273%
32	12.539	1773	1777	1780	rBV	893210	790166	35.33%	3.749%
33	12.645	1790	1795	1797	rBV2	37150	61753	2.76%	0.293%
34	12.686	1800	1802	1810	rVB2	36008	42661	1.91%	0.202%
35	12.769	1810	1816	1819	rBV	749258	765963	34.25%	3.634%
36	12.816	1822	1824	1829	rVB2	36007	46473	2.08%	0.220%

LSC Area Percent Report

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Sample : 05598-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 347

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-BF120523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.886	1833	1836	1837	rBV2	42725	36241	1.62%	0.172%
38	12.916	1837	1841	1844	rVV	1907878	1631079	72.93%	7.739%
39	12.986	1848	1853	1857	rBV2	52828	93150	4.17%	0.442%
40	13.069	1864	1867	1869	rBV3	35257	46458	2.08%	0.220%
41	13.092	1869	1871	1874	rVB	99243	102293	4.57%	0.485%
42	13.163	1879	1883	1885	rBV3	73323	73640	3.29%	0.349%
43	13.198	1886	1889	1892	rVV	74598	71248	3.19%	0.338%
44	13.292	1903	1905	1908	rVB	49440	35951	1.61%	0.171%
45	13.322	1908	1910	1913	rBV	38842	32520	1.45%	0.154%
46	13.604	1955	1958	1963	rBV	76703	78311	3.50%	0.372%
47	13.716	1973	1977	1980	rBV2	91465	116109	5.19%	0.551%
48	13.745	1980	1982	1984	rVV	75328	66336	2.97%	0.315%
49	13.769	1984	1986	1990	rVV2	55576	75740	3.39%	0.359%
50	13.816	1991	1994	1998	rVB2	74969	93783	4.19%	0.445%
51	13.939	2013	2015	2016	rBV	32972	30228	1.35%	0.143%
52	13.969	2016	2020	2023	rVV2	888500	1173030	52.45%	5.566%
53	13.998	2023	2025	2028	rVB	402577	296955	13.28%	1.409%
54	14.074	2036	2038	2041	rVB	50278	40208	1.80%	0.191%
55	14.357	2084	2086	2090	rVB	69628	71526	3.20%	0.339%
56	14.392	2090	2092	2095	rVB2	61829	56904	2.54%	0.270%
57	14.451	2100	2102	2105	rBV	60618	55727	2.49%	0.264%
58	14.480	2105	2107	2110	rVV4	44215	40071	1.79%	0.190%
59	14.610	2127	2129	2135	rBV2	92616	111817	5.00%	0.531%
60	14.839	2166	2168	2173	rVB4	47956	64296	2.87%	0.305%
61	15.016	2194	2198	2201	rBV	313067	462298	20.67%	2.193%
62	15.110	2211	2214	2220	rVB2	225917	312109	13.96%	1.481%
63	15.321	2246	2250	2256	rVB	191022	245532	10.98%	1.165%
64	15.386	2257	2261	2267	rVB	264288	321975	14.40%	1.528%
65	15.451	2267	2272	2275	rBV	513366	606429	27.12%	2.877%
66	15.480	2275	2277	2280	rVB	45808	38004	1.70%	0.180%
67	15.951	2354	2357	2365	rVB4	42380	72010	3.22%	0.342%
68	16.945	2521	2526	2536	rVB2	91930	200618	8.97%	0.952%
69	17.398	2598	2603	2609	rVB	60306	114776	5.13%	0.545%

Sum of corrected areas: 21076587

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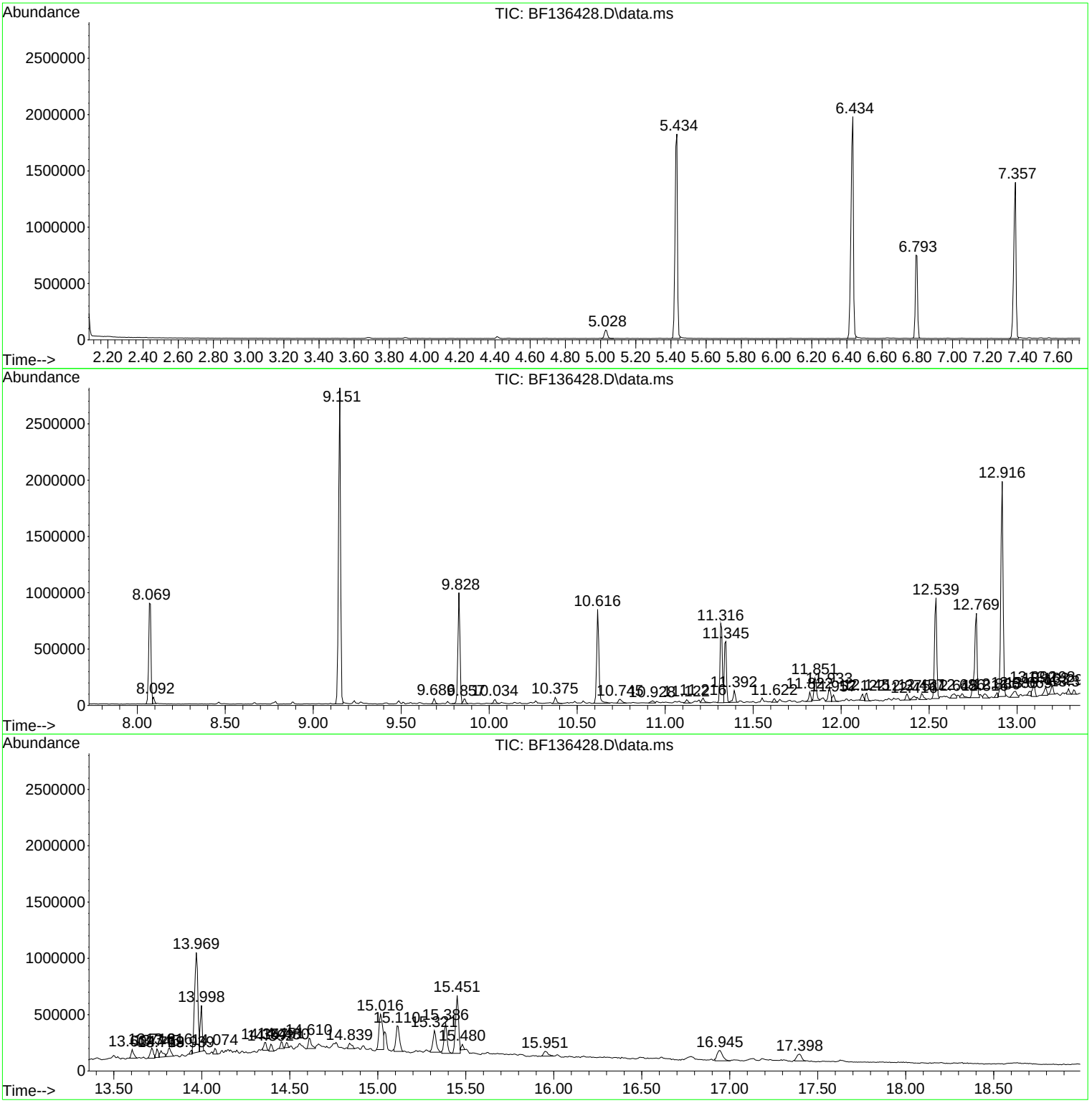
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
347

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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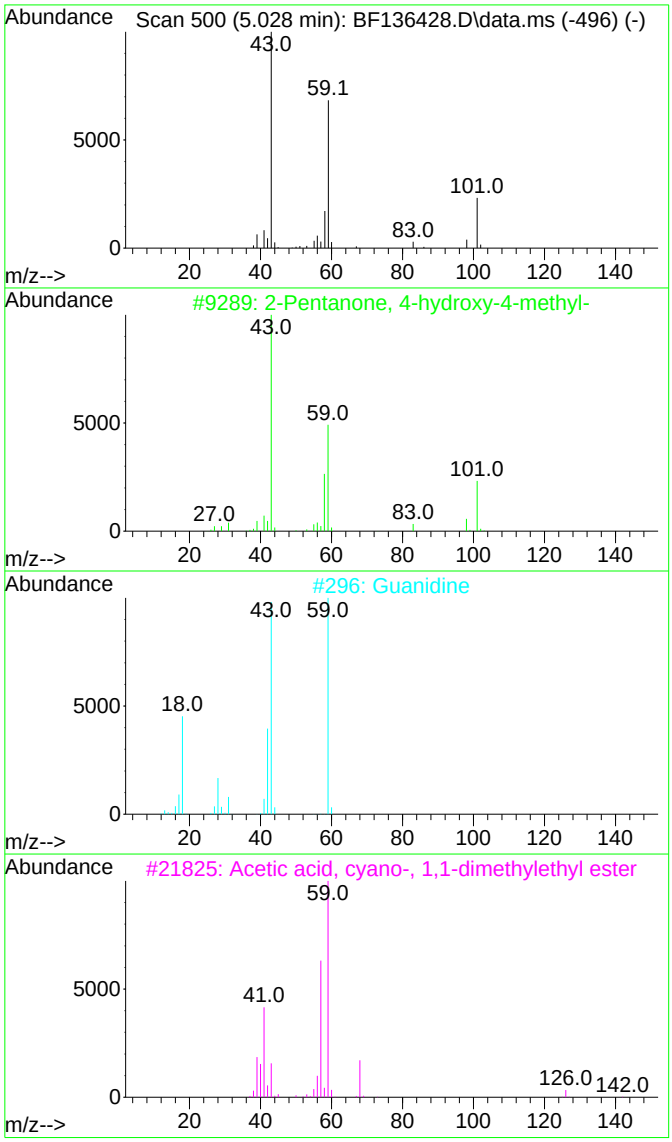
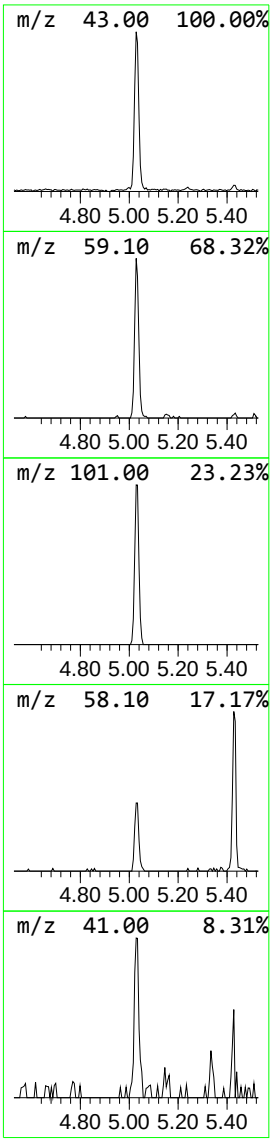
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.028	2.78 ng	90827	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Guanidine	59	CH5N3	000113-00-8	43
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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BNA_F
ClientSampleId :
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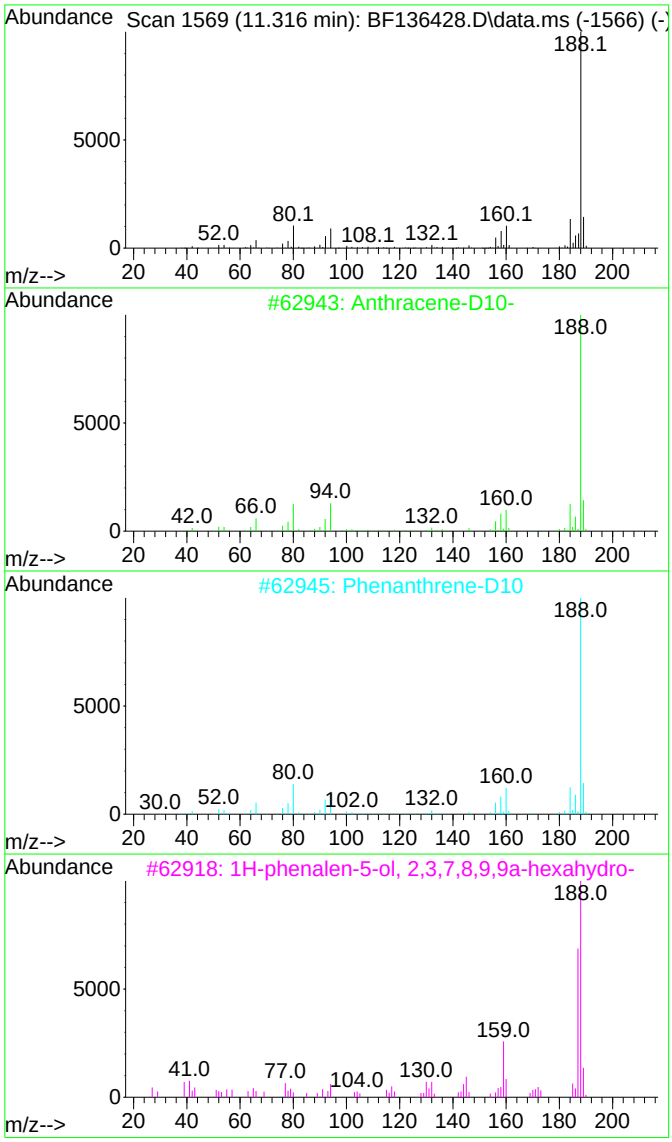
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

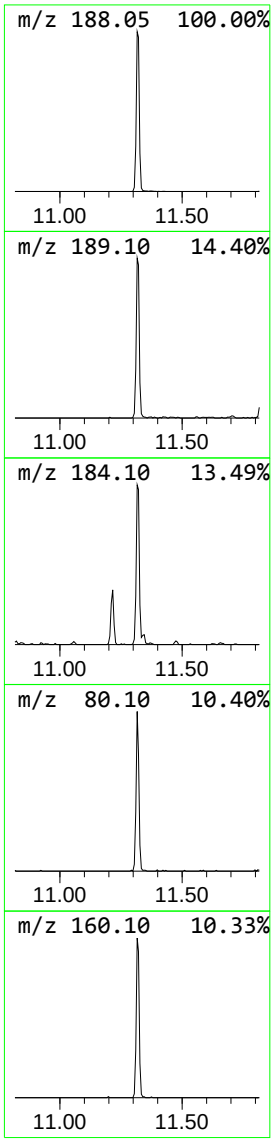
****

Peak Number 2 Anthracene-D10- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.316	16.91 ng	682699	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-D10-	188	C14D10	001719-06-8	97
2	Phenanthrene-D10	188	C14D10	001517-22-2	94
3	1H-phenalen-5-ol, 2,3,7,8,9,9a-h...	188	C13H16O	1000395-94-3	59
4	3-{3aH,4H,5H,6H,6aH-Cyclopenta[d...	188	C11H12N2O	1000411-37-3	58
5	3H-pyrazol-3-one, 2,4-dihydro-4,...	188	C11H12N2O	1000400-17-5	53





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
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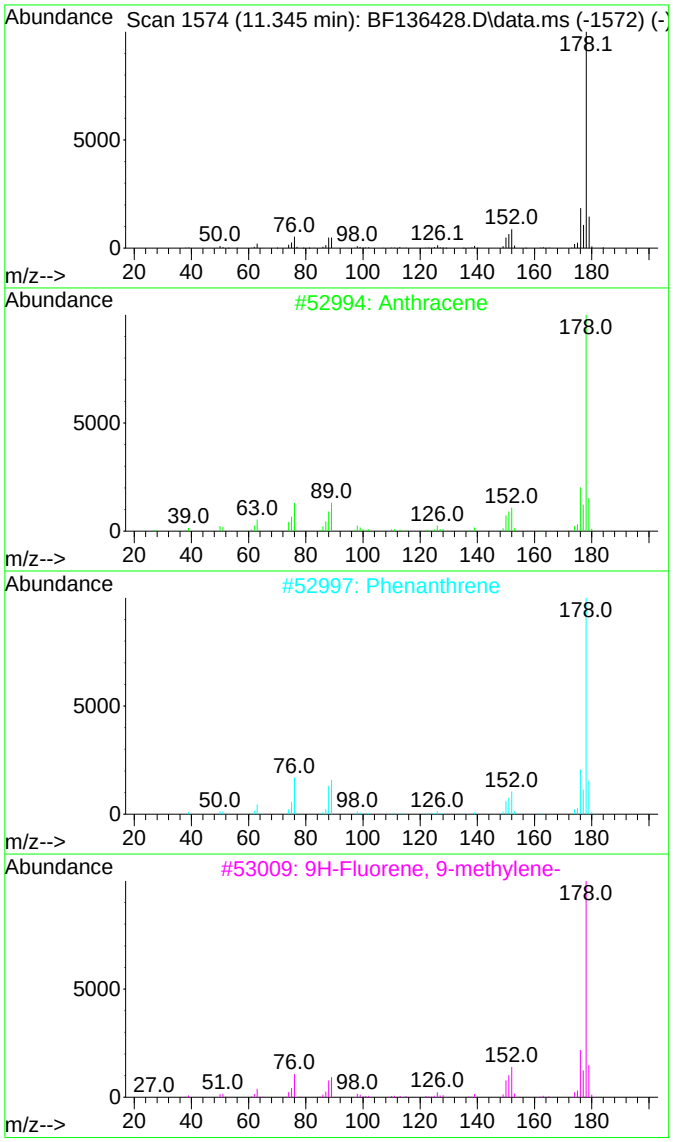
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

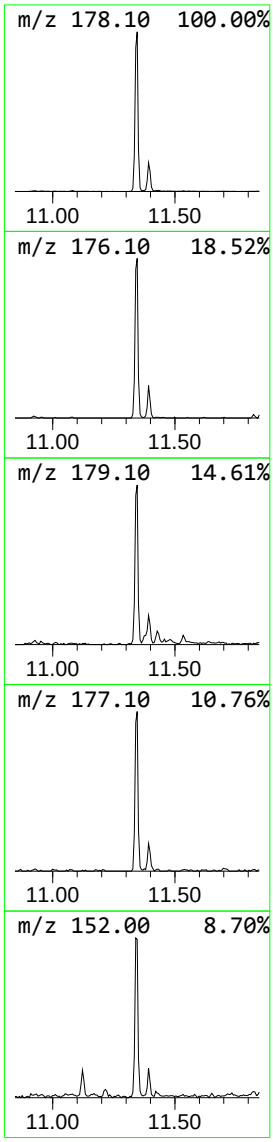
****

Peak Number 3 9H-Fluorene, 9-methylene- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.345	10.67 ng	431033	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene	178	C14H10	000120-12-7	95
2	Phenanthrene	178	C14H10	000085-01-8	93
3	9H-Fluorene, 9-methylene-	178	C14H10	004425-82-5	93
4	4-Ethynyl-1,1'-biphenyl	178	C14H10	029079-00-3	90
5	Diphenylacetylene	178	C14H10	000501-65-5	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

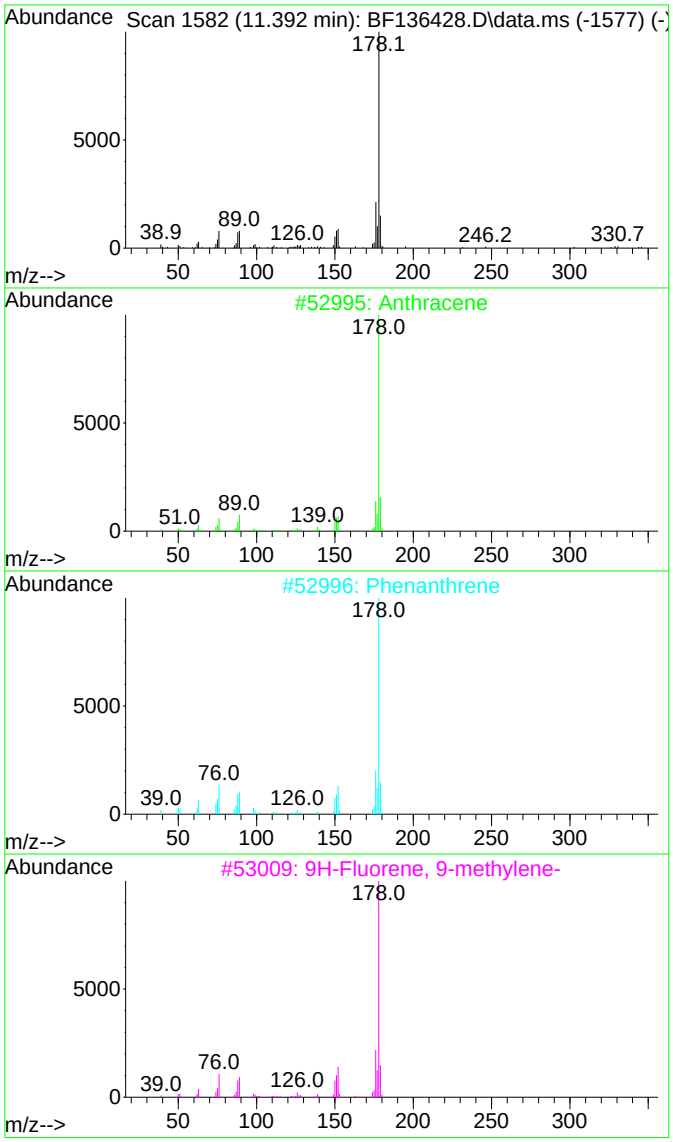
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

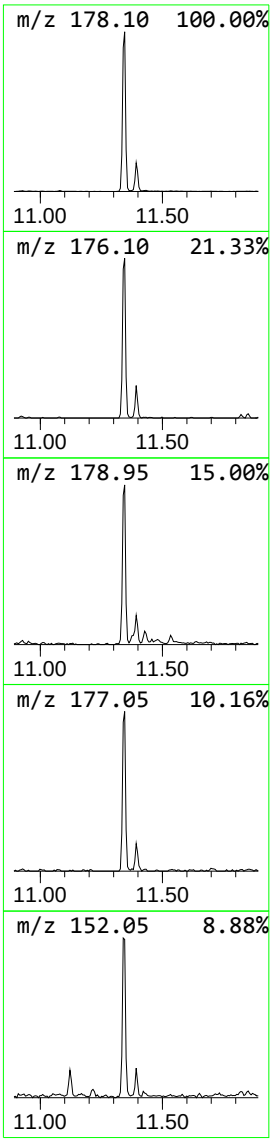
****

Peak Number 4 4-Ethynyl-1,1'-biphenyl Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.392	2.28 ng	92233	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene	178	C14H10	000120-12-7	95
2	Phenanthrene	178	C14H10	000085-01-8	93
3	9H-Fluorene, 9-methylene-	178	C14H10	004425-82-5	91
4	4-Ethynyl-1,1'-biphenyl	178	C14H10	029079-00-3	91
5	Diphenylacetylene	178	C14H10	000501-65-5	83





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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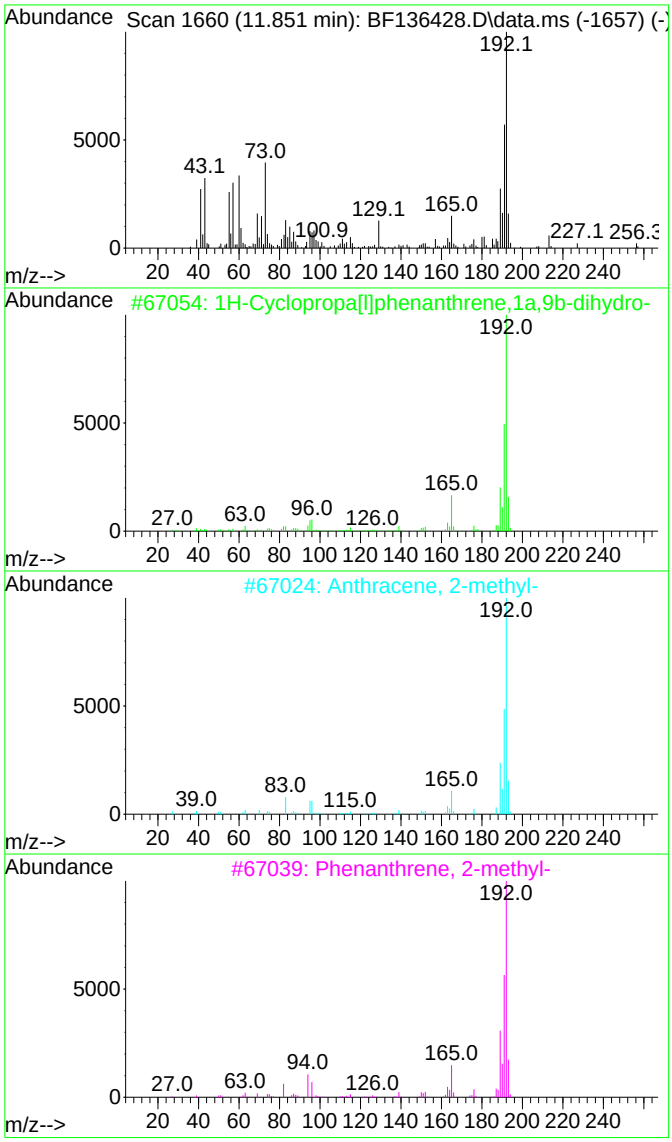
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

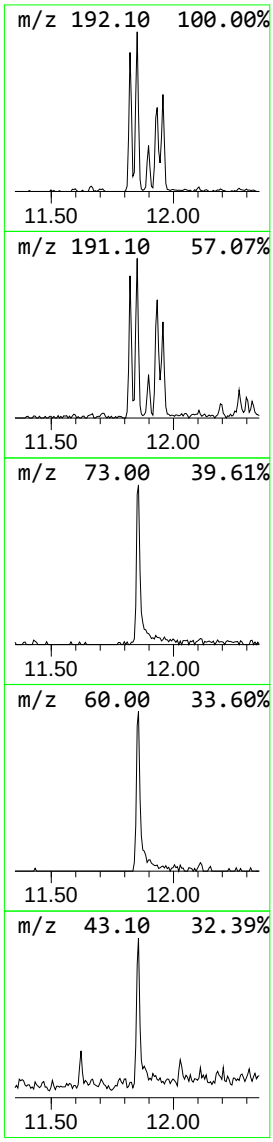
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	4.95 ng	199809	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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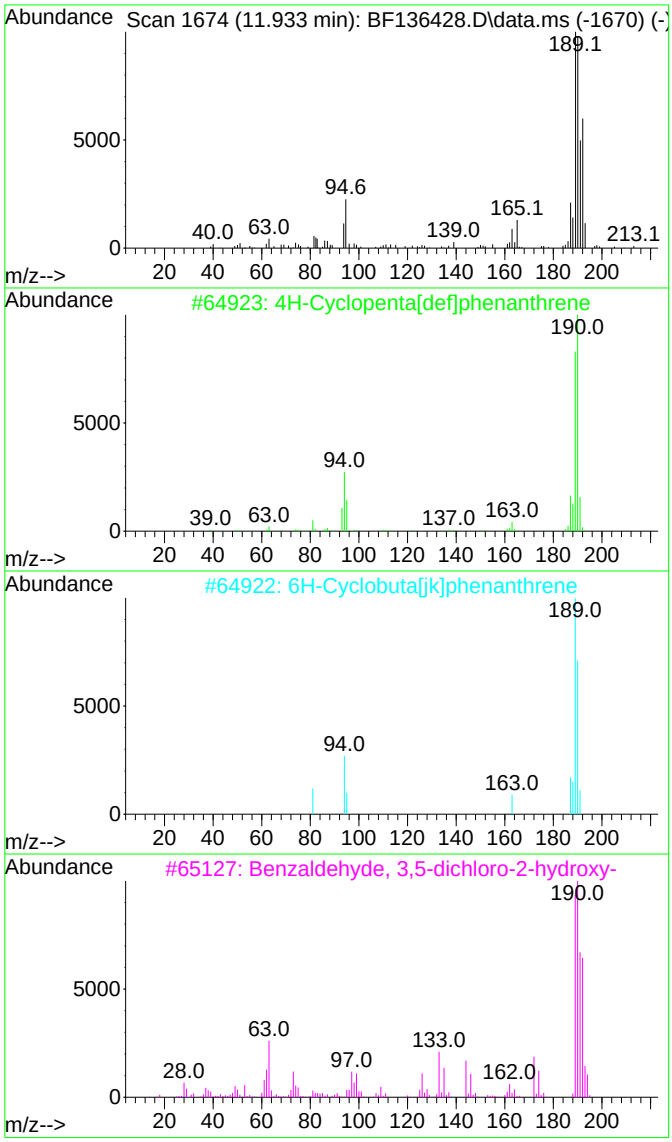
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

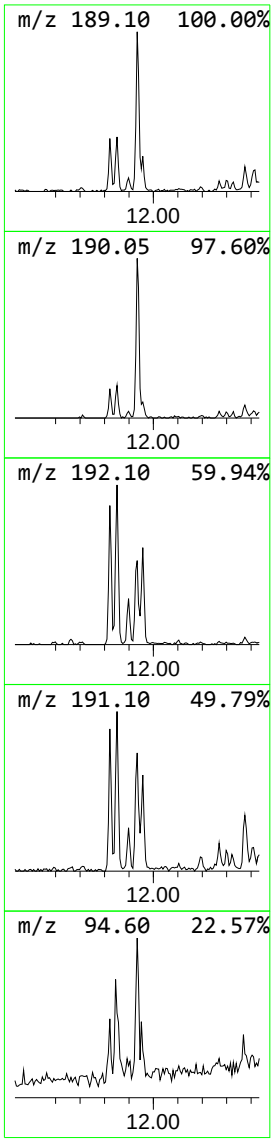
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	2.15 ng	126045	Chrysene-d12	13.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
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	Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	35
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136428.D
Acq On : 06 Dec 2023 15:05
Operator : CG\JU
Sample : 05598-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
347

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

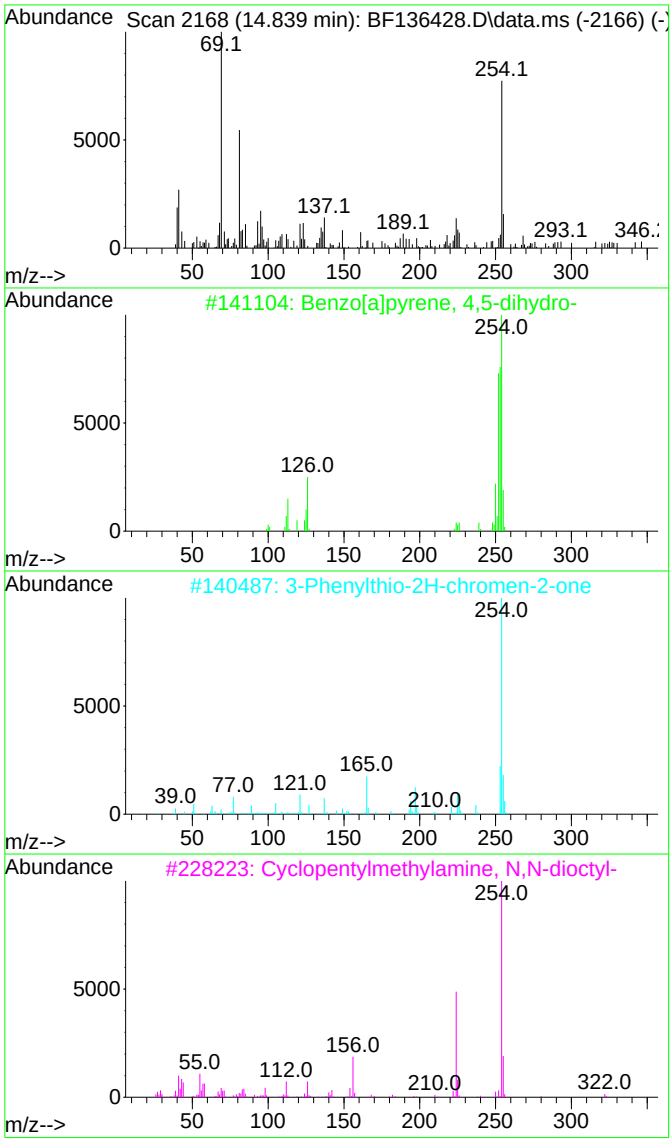
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

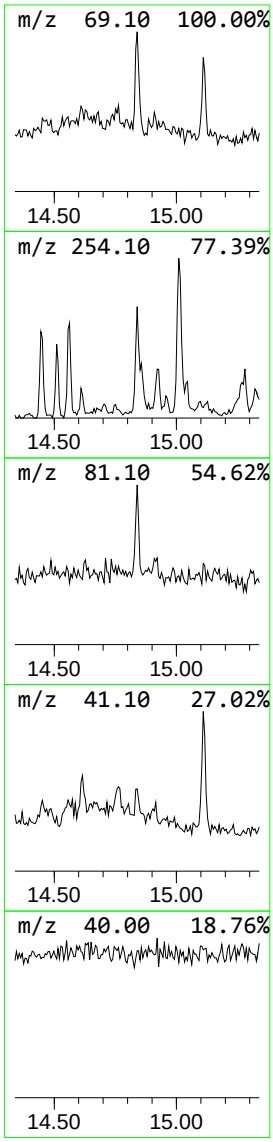
****

Peak Number 8 unknown14.839 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.839	2.12 ng	64296	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	40
2	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	38
3	Cyclopentylmethylamine, N,N-dioc...	323	C22H45N	1000310-50-1	35
4	5,8-Dimethoxy-1,4-dihydro-2,3-qu...	254	C10H10N2O2S2	001790-96-1	35
5	3,4,5-Trimethoxydihydrocinnamic ...	254	C13H18O5	053560-25-1	35





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Acq On : 06 Dec 2023 15:05
Operator : CG\JU
Sample : 05598-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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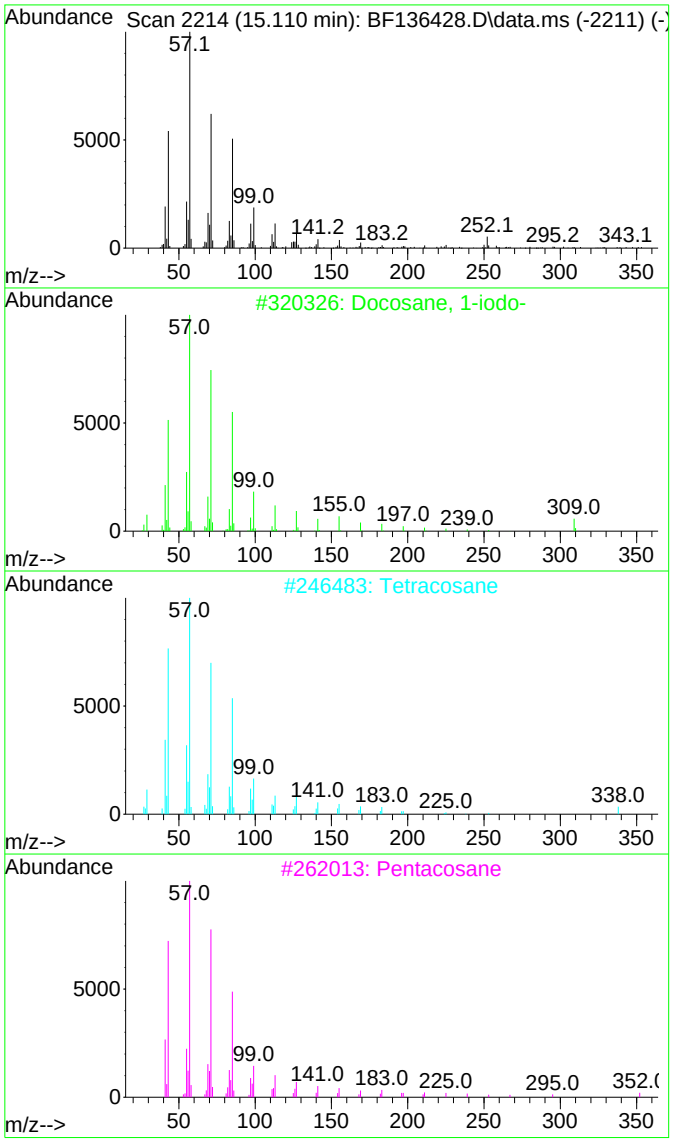
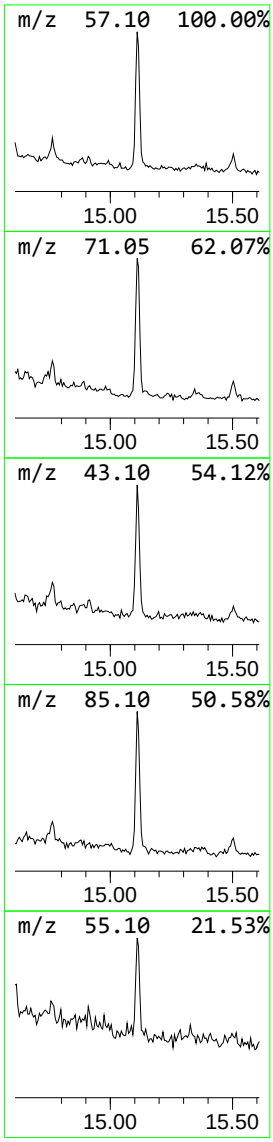
Peak Number 9 Docosane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	10.29 ng	312109	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	87
2	Tetracosane	338	C24H50	000646-31-1	87
3	Pentacosane	352	C25H52	000629-99-2	87
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
5	Heptadecane	240	C17H36	000629-78-7	86





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Data File : BF136428.D
Acq On : 06 Dec 2023 15:05
Operator : CG\JU
Sample : 05598-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
347

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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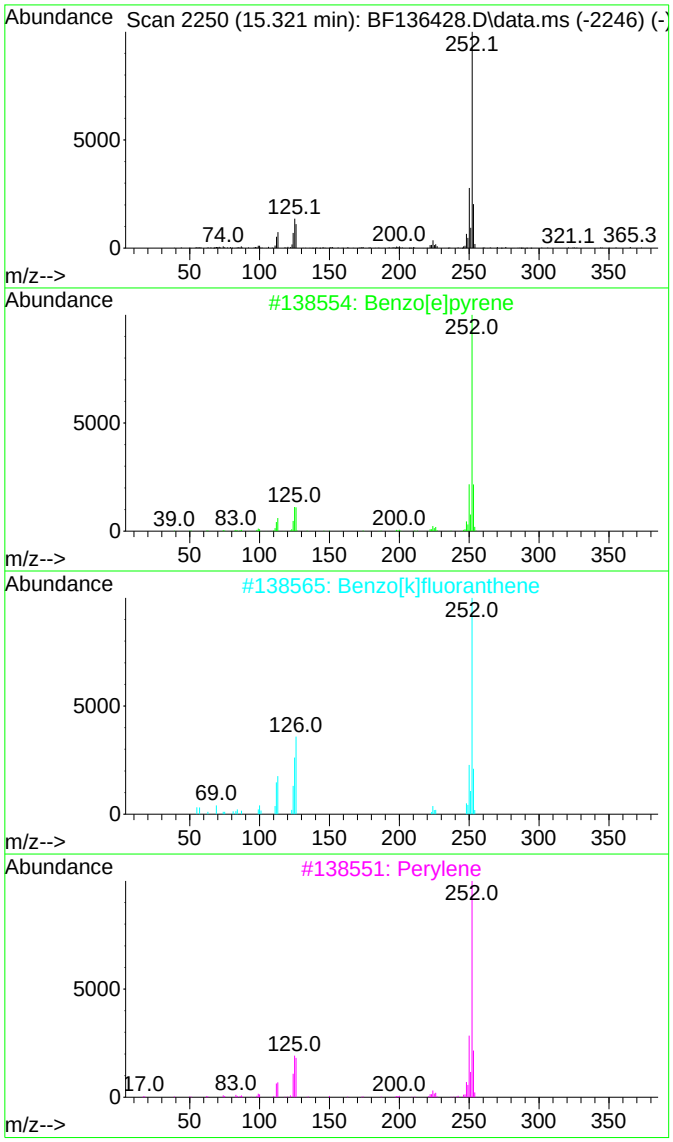
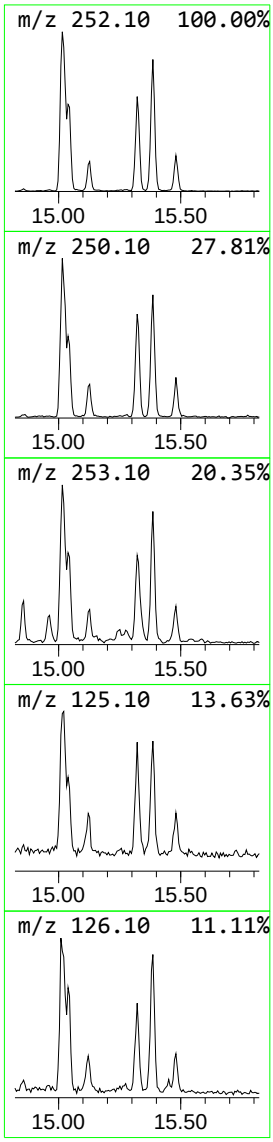
Peak Number 10 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	8.10 ng	245532	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136428.D
Acq On : 06 Dec 2023 15:05
Operator : CG\JU
Sample : 05598-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
347

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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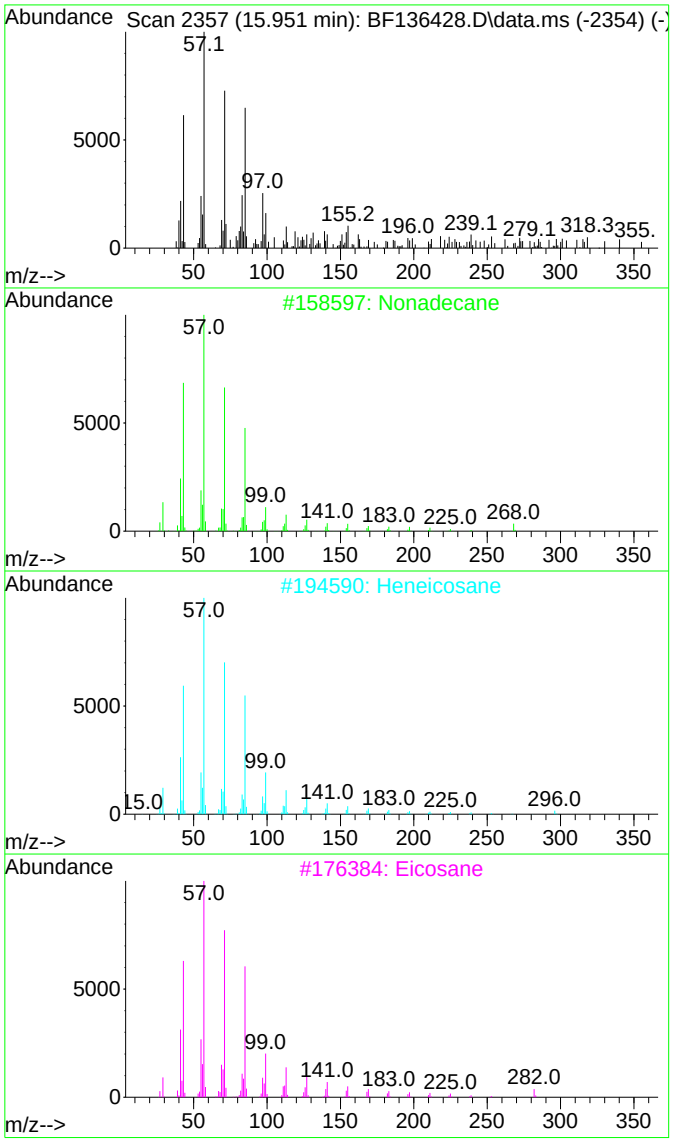
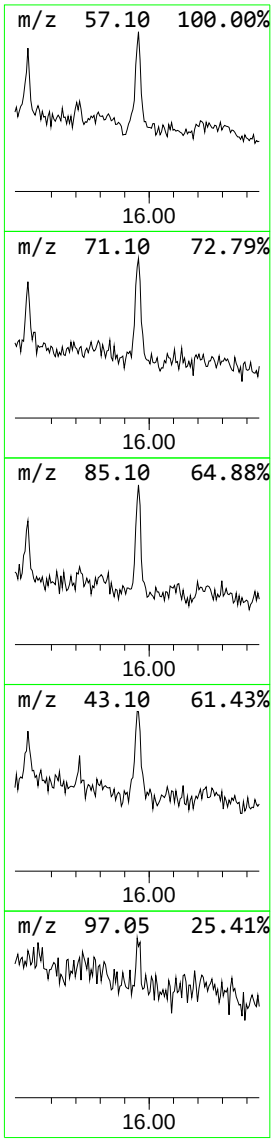
Peak Number 11 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.951	2.37 ng	72010	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	78
2	Heneicosane	296	C21H44	000629-94-7	78
3	Eicosane	282	C20H42	000112-95-8	78
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	60
5	Pentadecane	212	C15H32	000629-62-9	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136428.D
Acq On : 06 Dec 2023 15:05
Operator : CG\JU
Sample : 05598-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
347

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.028	2.8	ng	90827	2	6.798	652953	20.0
Anthracene-D10-	11.316	16.9	ng	682699	4	9.828	807666	20.0
9H-Fluorene, 9-...	11.345	10.7	ng	431033	4	9.828	807666	20.0
4-Ethynyl-1,1'-...	11.392	2.3	ng	92233	4	9.828	807666	20.0
1H-Cyclopropa[l...	11.851	5.0	ng	199809	4	9.828	807666	20.0
4H-Cyclopenta[d...	11.933	2.1	ng	126045	5	13.969	1173030	20.0
unknown14.839	14.839	2.1	ng	64296	6	15.451	606429	20.0
Docosane, 1-iodo-	15.110	10.3	ng	312109	6	15.451	606429	20.0
Benzo[e]pyrene	15.321	8.1	ng	245532	6	15.451	606429	20.0
Nonadecane	15.951	2.4	ng	72010	6	15.451	606429	20.0