LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129508.D
Acq On : 02 Aug 2022 15:15
Operator : CG\JU
Sample : N3995-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129508.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.116	478	481	491	rVB	65206	86929	1.79%	0.206%
2	5.516	544	549	552	rBV	4620696	4111770	84.67%	9.723%
3	6.522	715	720	723	rBV	4475280	4142827	85.31%	9.797%
4	6.875	776	780	783	rBV	1249665	974902	20.08%	2.305%
5	7.440	871	876	879	rBV	2934317	2755863	56.75%	6.517%
6	8.157	994	998	1001	rBV	1613646	1314964	27.08%	3.109%
7	9.234	1176	1181	1184	rBV	5417986	4856239	100.00%	11.484%
8	9.916	1293	1297	1300	rBV	1545008	1393884	28.70%	3.296%
9	9.945	1300	1302	1305	rVB	159764	118773	2.45%	0.281%
10	10.116	1327	1331	1335	rBV2	74912	70577	1.45%	0.167%
11	10.463	1386	1390	1394	rVB	136650	133190	2.74%	0.315%
12	10.616	1414	1416	1421	rVB	63803	59085	1.22%	0.140%
13	10.710	1427	1432	1435	rBV	3025259	2832868	58.33%	6.699%
14	11.010	1476	1483	1485	rBV3	57769	81885	1.69%	0.194%
15	11.133	1500	1504	1506	rBV3	41226	51971	1.07%	0.123%
16	11.210	1514	1517	1520	rVB2	55622	52092	1.07%	0.123%
17	11.257	1520	1525	1529	rVV3	53737	88728	1.83%	0.210%
18	11.298	1529	1532	1537	rVB	93978	85508	1.76%	0.202%
19	11.404	1546	1550	1552	rBV	1480763	1288499	26.53%	3.047%
20	11.428	1552	1554	1557	rVV	1668776	1227764	25.28%	2.903%
21	11.480	1557	1563	1565	rVV	318566	309967	6.38%	0.733%
22	11.633	1584	1589	1595	rBV2	90381	127495	2.63%	0.301%
23	11.904	1629	1635	1637	rBV	241241	233500	4.81%	0.552%
24	11.933	1637	1640	1644	rVV	296157	276306	5.69%	0.653%
25	11.980	1644	1648	1651	rVV	123359	107158	2.21%	0.253%
26	12.016	1651	1654	1657	rVV	286262	343243	7.07%	0.812%
27	12.039	1657	1658	1661	rVB	152529	83907	1.73%	0.198%
28	12.198	1682	1685	1688	rBV	140922	116123	2.39%	0.275%
29	12.227	1688	1690	1694	rVB	80435	63918	1.32%	0.151%
30	12.345	1706	1710	1713	rBV	55697	56557	1.16%	0.134%
31	12.451	1724	1728	1730	rBV	111647	118488	2.44%	0.280%
32	12.539	1740	1743	1748	rVB3	74649	92030	1.90%	0.218%
33	12.622	1753	1757	1760	rBV	1500910	1369656	28.20%	3.239%
34	12.851	1793	1796	1799	rVB	1340773	1144601	23.57%	2.707%
35	12.892	1801	1803	1808	rVB2	76543	89281	1.84%	0.211%
36	12.986	1812	1819	1823	rBV	3495369	3467568	71.40%	8.200%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129508.D
Acq On : 02 Aug 2022 15:15
Operator : CG\JU
Sample : N3995-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-3

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.069	1827	1833	1836	rBV4	90702	158939	3.27%	0.376%
38	13.151	1843	1847	1848	rBV3	73503	75117	1.55%	0.178%
39	13.174	1848	1851	1854	rVV	194644	172929	3.56%	0.409%
40	13.204	1854	1856	1859	rVB	125684	90480	1.86%	0.214%
41	13.239	1859	1862	1865	rBV	105176	94532	1.95%	0.224%
42	13.280	1865	1869	1872	rBV2	131500	153049	3.15%	0.362%
43	13.374	1882	1885	1887	rBV	67650	61091	1.26%	0.144%
44	13.404	1887	1890	1893	rBV	83711	78777	1.62%	0.186%
45	13.545	1911	1914	1916	rBV	145691	142706	2.94%	0.337%
46	13.610	1916	1925	1926	rBV3	169529	336114	6.92%	0.795%
47	13.798	1953	1957	1959	rBV2	92260	110199	2.27%	0.261%
48	13.821	1959	1961	1963	rVV	101325	78587	1.62%	0.186%
49	13.874	1967	1970	1971	rVV2	159316	164782	3.39%	0.390%
50	13.892	1971	1973	1980	rVB	174036	189812	3.91%	0.449%
51	13.963	1981	1985	1987	rBV	40508	60869	1.25%	0.144%
52	14.045	1994	1999	2002	rBV2	1192376	1603202	33.01%	3.791%
53	14.074	2002	2004	2010	rVB	651056	524998	10.81%	1.241%
54	14.151	2015	2017	2020	rVB	76994	57940	1.19%	0.137%
55	14.192	2021	2024	2026	rBV2	65037	57241	1.18%	0.135%
56	14.274	2034	2038	2041	rBV2	60599	69248	1.43%	0.164%
57	14.433	2060	2065	2068	rBV2	143065	142079	2.93%	0.336%
58	14.468	2068	2071	2073	rVB	63657	54513	1.12%	0.129%
59	14.498	2073	2076	2078	rBV2	66959	71681	1.48%	0.170%
60	15.098	2173	2178	2181	rBV	557461	848506	17.47%	2.006%
61	15.204	2193	2196	2204	rVB	113515	147447	3.04%	0.349%
62	15.404	2227	2230	2236	rVB	326358	428742	8.83%	1.014%
63	15.468	2237	2241	2247	rVB	485260	576440	11.87%	1.363%
64	15.533	2247	2252	2256	rBV	830404	1123581	23.14%	2.657%
65	15.568	2256	2258	2264	rVB2	138639	156763	3.23%	0.371%
66	17.033	2502	2507	2513	rBV2	211423	374961	7.72%	0.887%
67	17.492	2579	2585	2598	rVB	155786	355398	7.32%	0.840%

Sum of corrected areas: 42288839

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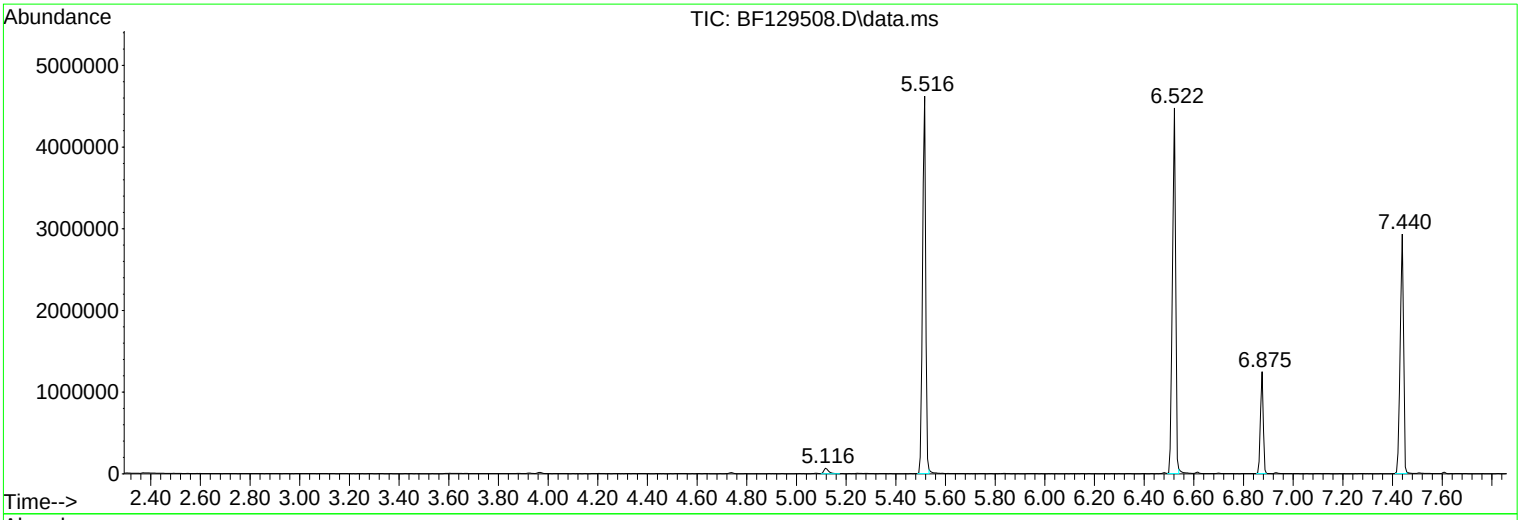
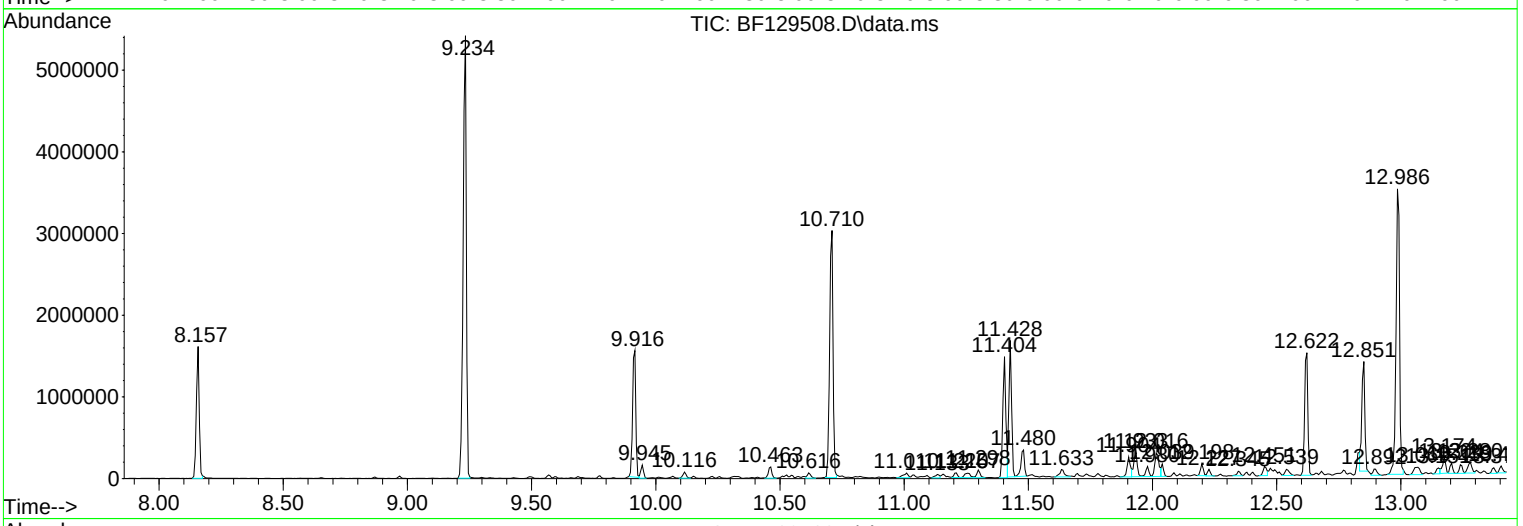
Misc :
ALS Vial : 12 Sample Multiplier: 1

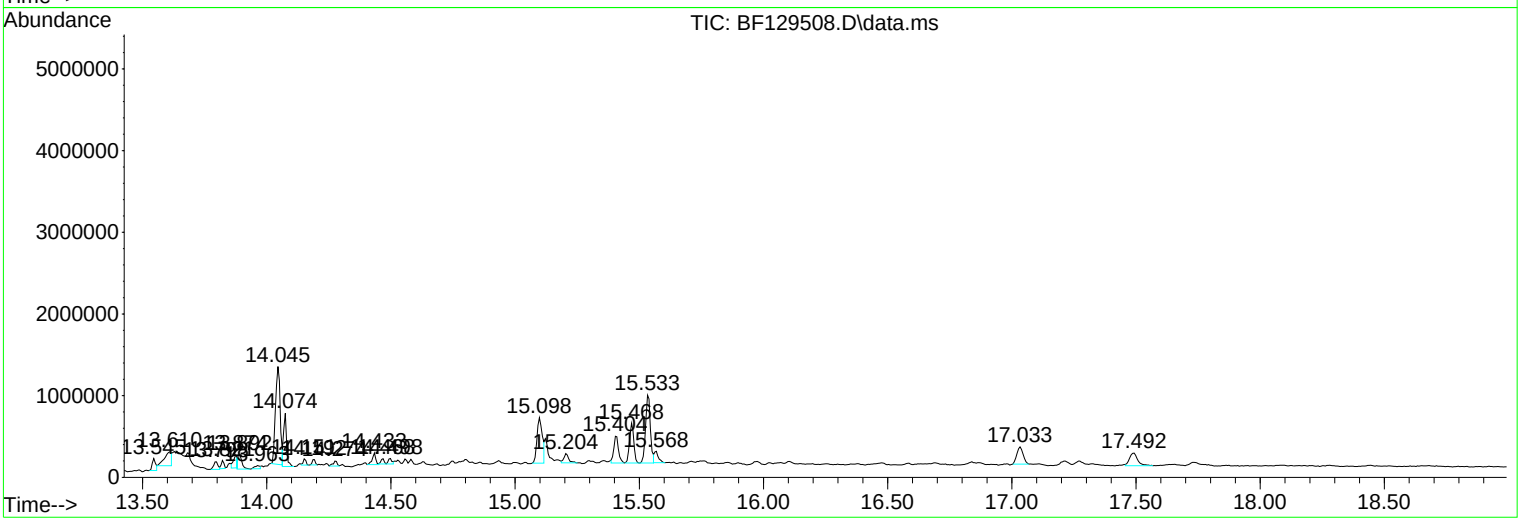
Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129508.D
Acq On : 02 Aug 2022 15:15
Operator : CG\JU
Sample : N3995-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

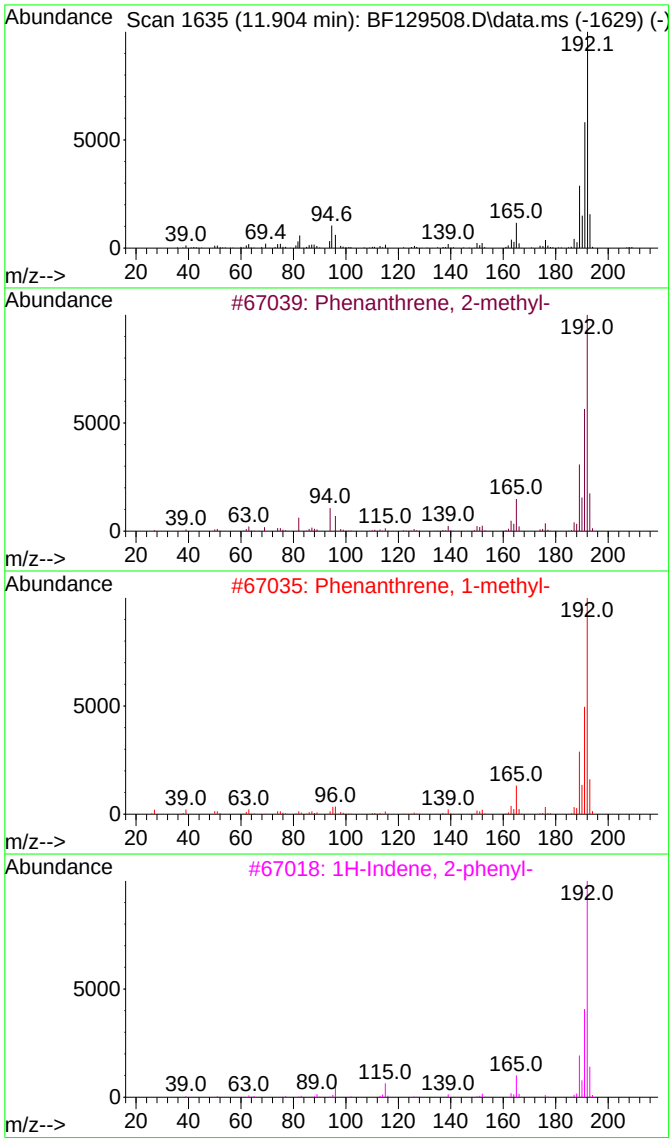
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

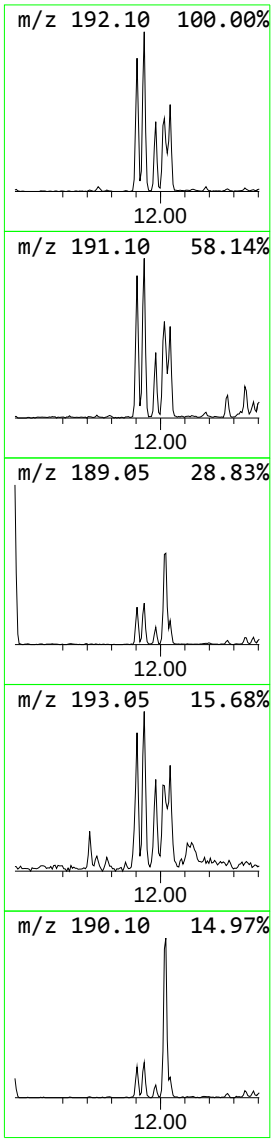
****

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	3.62 ng	233500	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129508.D
Acq On : 02 Aug 2022 15:15
Operator : CG\JU
Sample : N3995-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

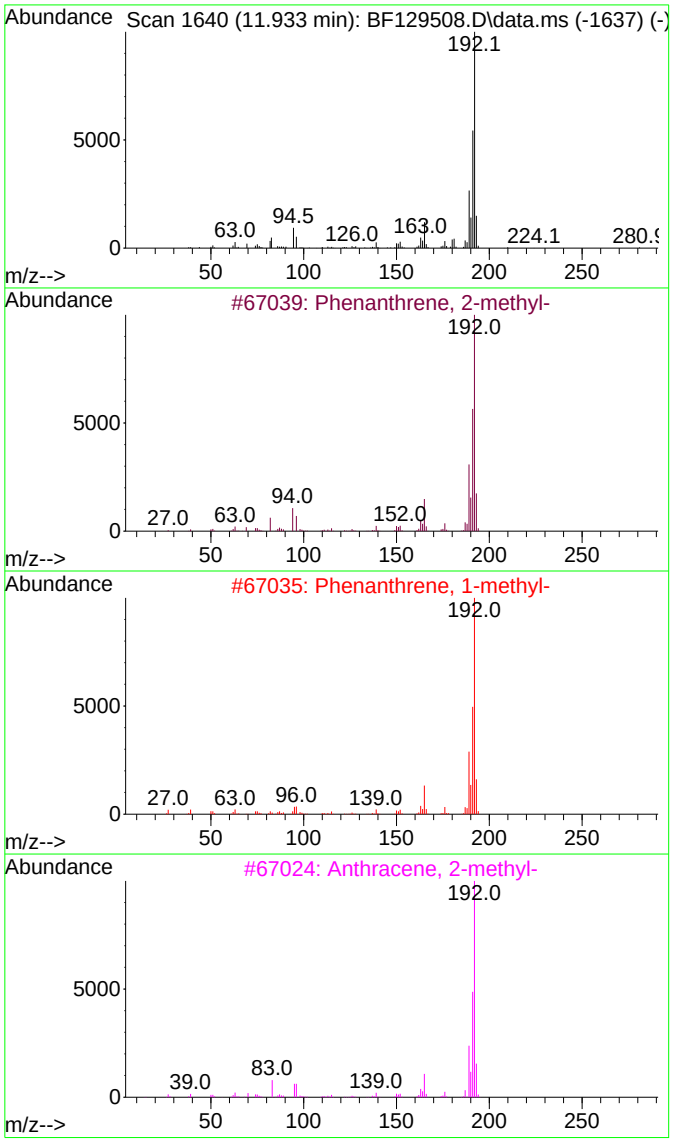
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

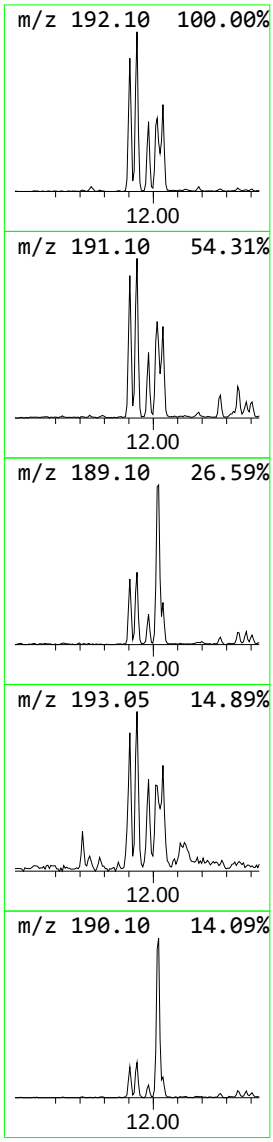
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	4.29 ng	276306	Phenanthrene-d10	11.404

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	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
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Operator : CG\JU
Sample : N3995-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

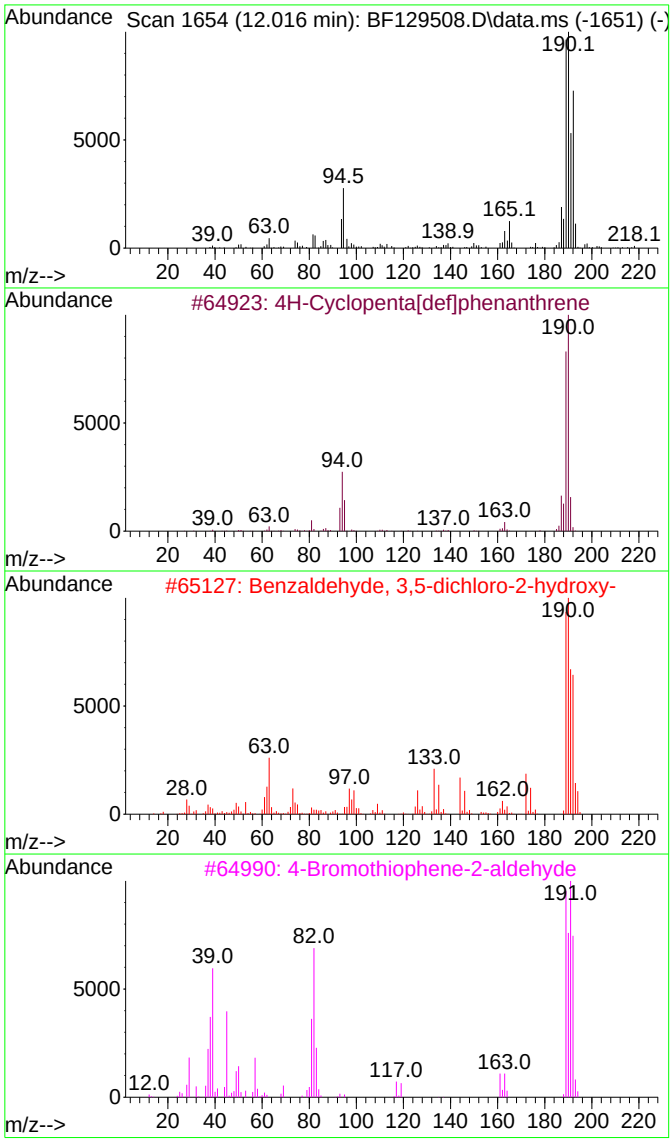
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

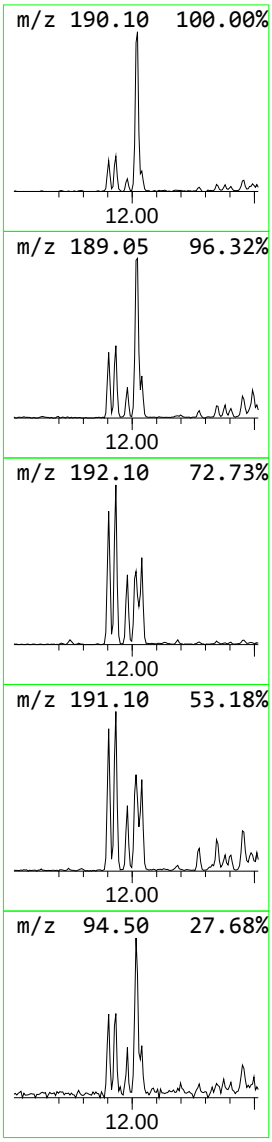
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	5.33 ng	343243	Phenanthrene-d10	11.404

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	59
3	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	52
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30





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Sample : N3995-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

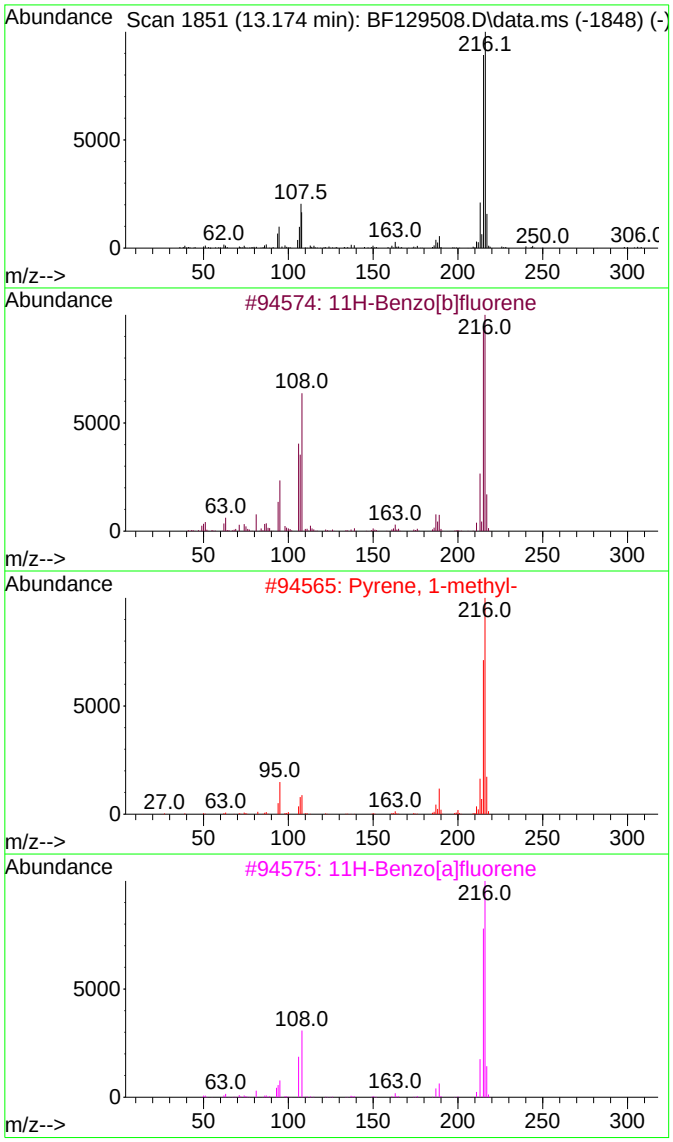
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

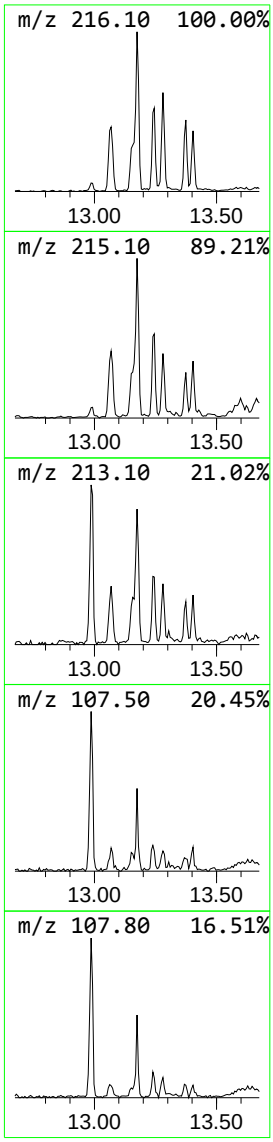
****

Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.175	2.16 ng	172929	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129508.D
Acq On : 02 Aug 2022 15:15
Operator : CG\JU
Sample : N3995-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

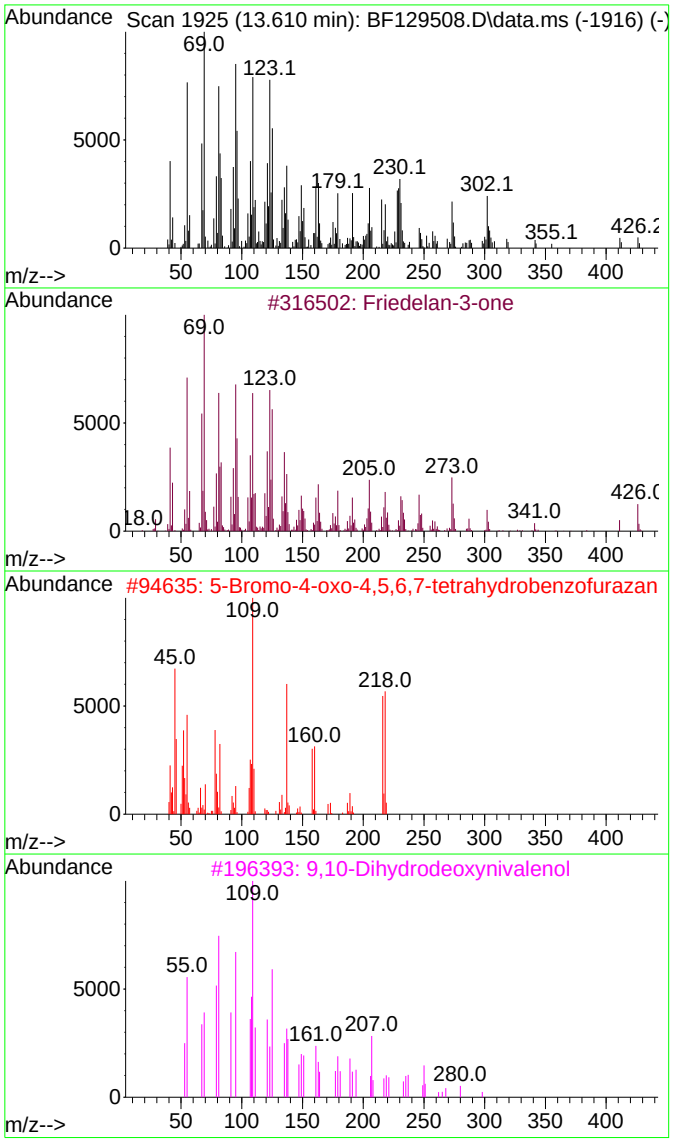
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

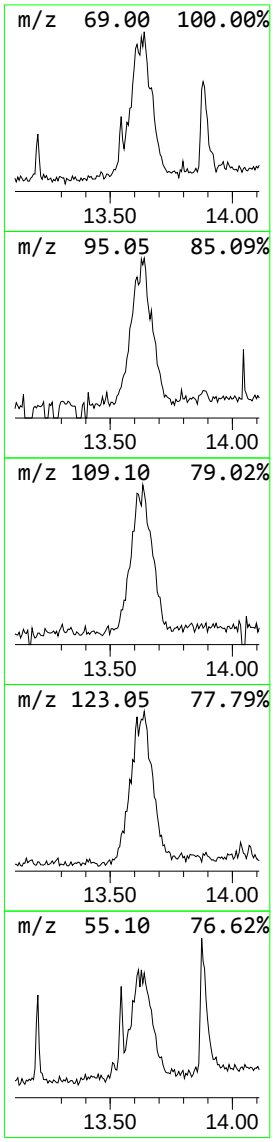
****

Peak Number 5 Friedelan-3-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.610	4.19 ng	336114	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Friedelan-3-one	426	C30H50O	000559-74-0	90
2	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	78
3	9,10-Dihydrodeoxynivalenol	298	C15H22O6	123505-36-2	45
4	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	42
5	(-)-Neoclovene-(I), dihydro-	206	C15H26	1000152-82-1	40





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Sample : N3995-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3

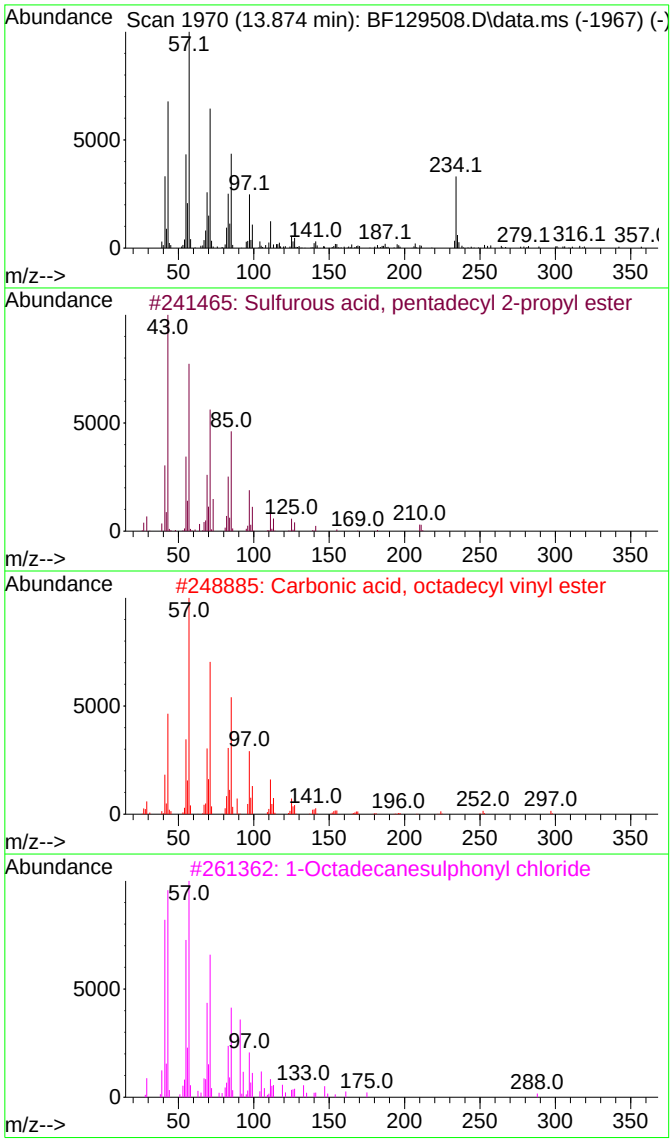
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

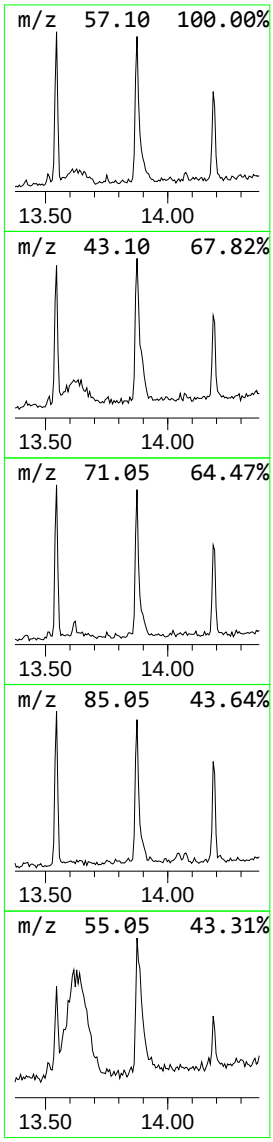
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Sulfurous acid, pentadecyl ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	2.06 ng	164782	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	83
2	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	80
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	80
4	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	80
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129508.D
Acq On : 02 Aug 2022 15:15
Operator : CG\JU
Sample : N3995-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

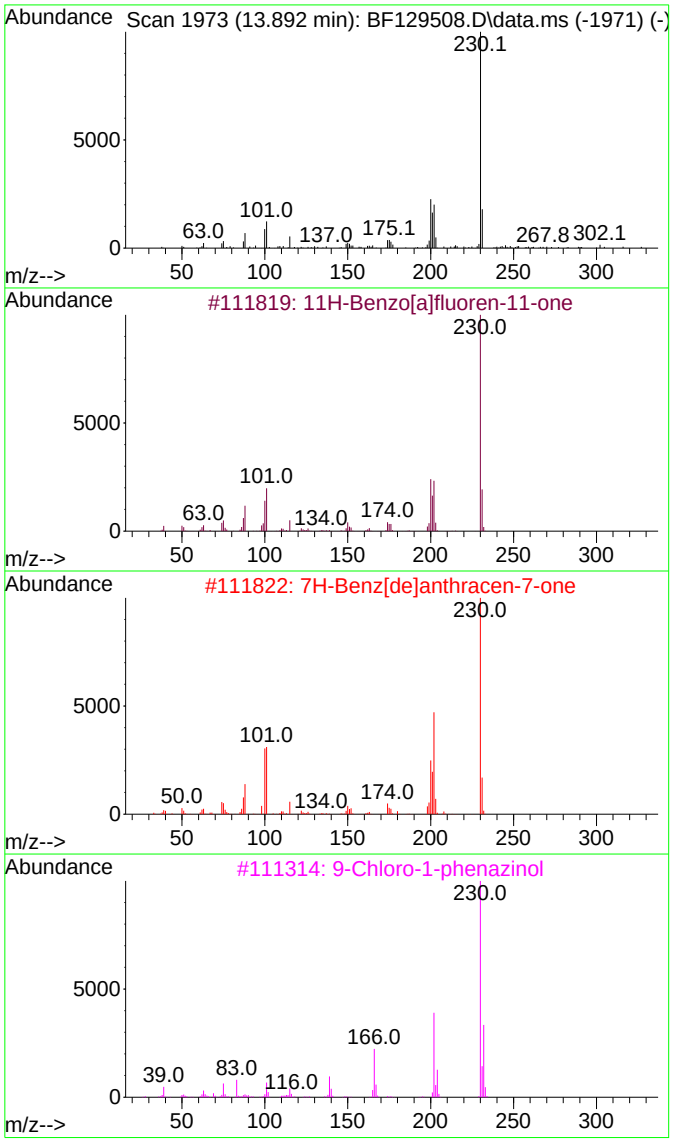
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

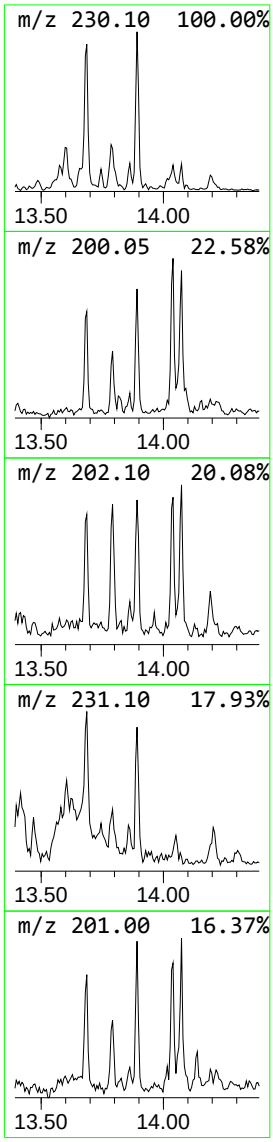
****

Peak Number 7 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	2.37 ng	189812	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	59
4	o-Terphenyl	230	C18H14	000084-15-1	58
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	53





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Acq On : 02 Aug 2022 15:15
Operator : CG\JU
Sample : N3995-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

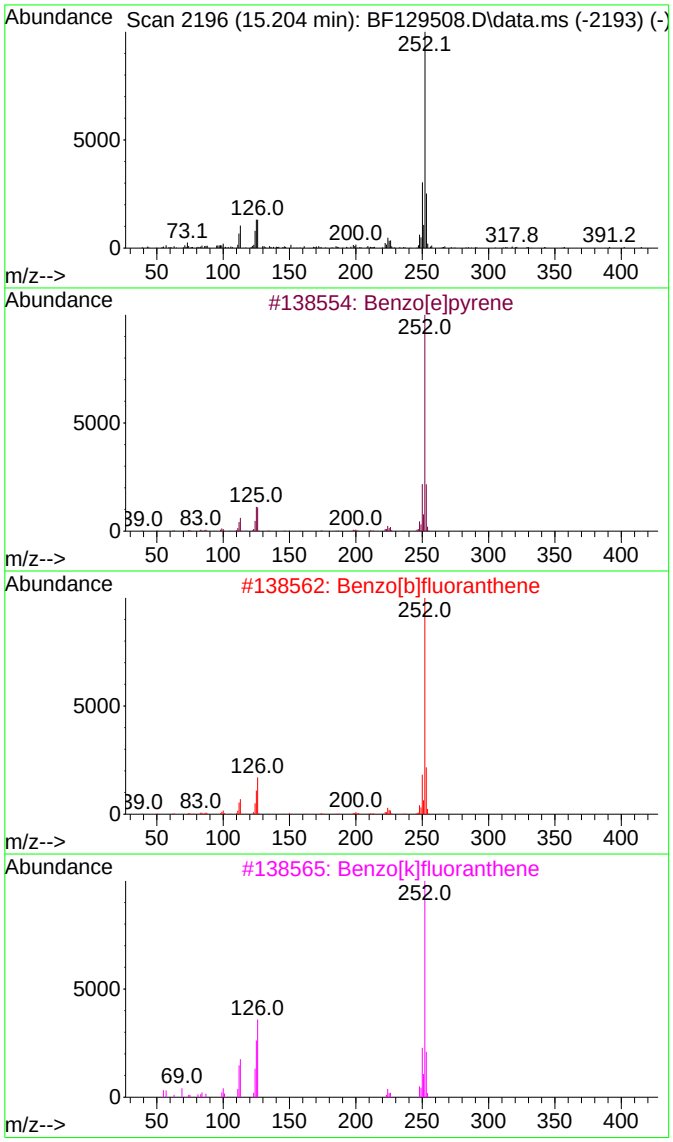
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

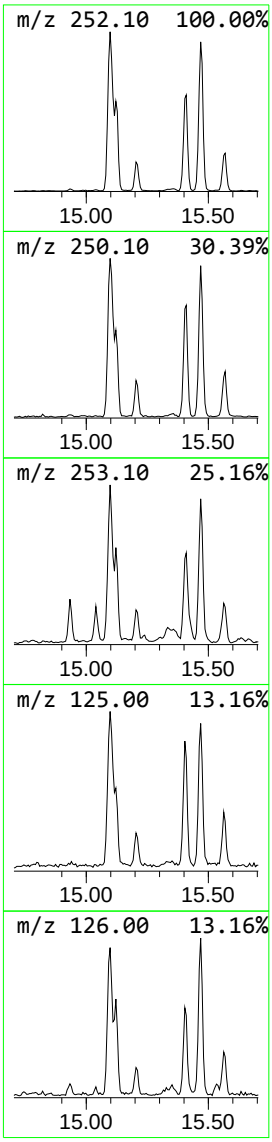
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.204	2.62 ng	147447	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129508.D
Acq On : 02 Aug 2022 15:15
Operator : CG\JU
Sample : N3995-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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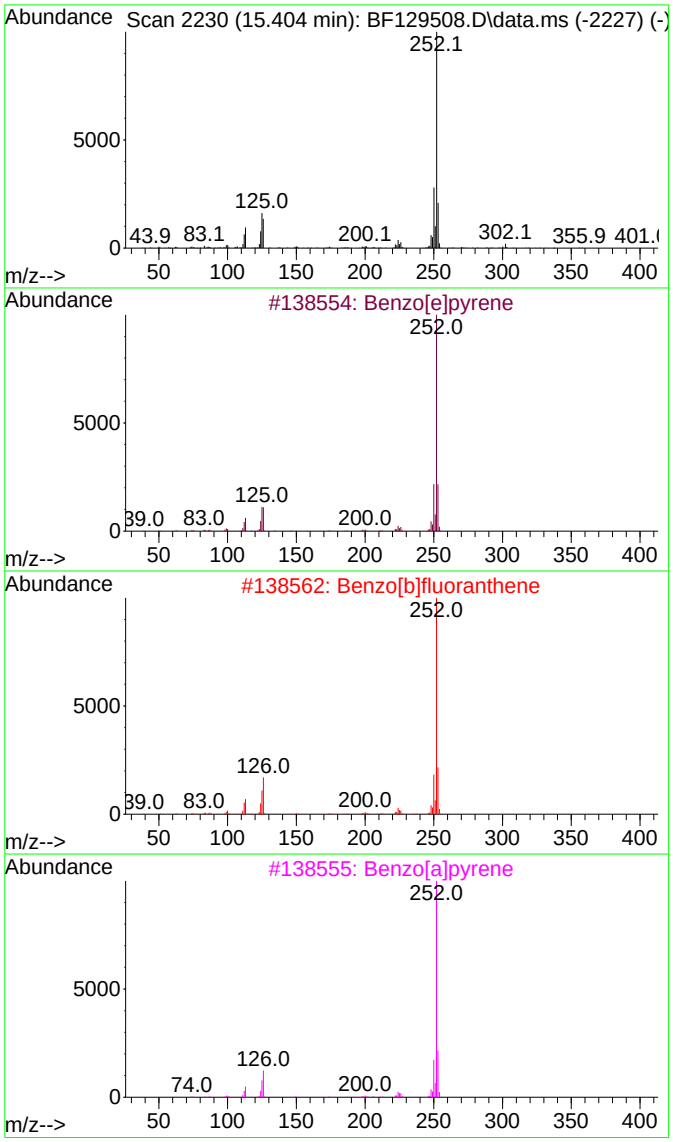
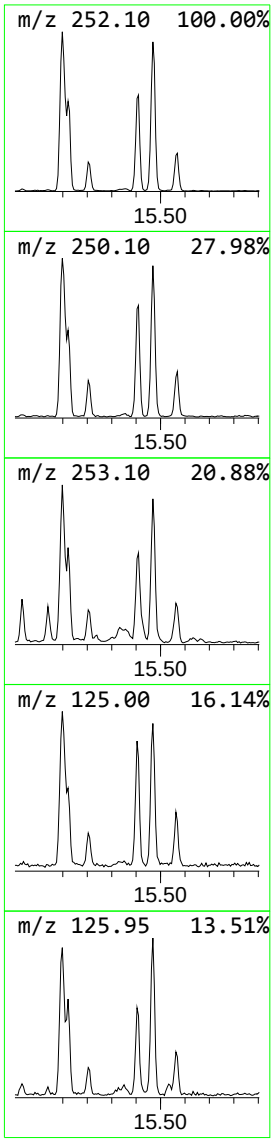
Peak Number 9 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.404	7.63 ng	428742	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129508.D
Acq On : 02 Aug 2022 15:15
Operator : CG\JU
Sample : N3995-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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
Phenanthrene, 1...	11.904	3.6	ng	233500	4	11.404	1288500	20.0
Phenanthrene, 2...	11.933	4.3	ng	276306	4	11.404	1288500	20.0
4H-Cyclopenta[d...	12.016	5.3	ng	343243	4	11.404	1288500	20.0
11H-Benzo[b]flu...	13.175	2.2	ng	172929	5	14.051	1603200	20.0
Friedelan-3-one	13.610	4.2	ng	336114	5	14.051	1603200	20.0
Sulfurous acid,...	13.874	2.1	ng	164782	5	14.051	1603200	20.0
11H-Benzo[a]flu...	13.892	2.4	ng	189812	5	14.051	1603200	20.0
Benzo[e]pyrene	15.204	2.6	ng	147447	6	15.533	1123580	20.0
Perylene	15.404	7.6	ng	428742	6	15.533	1123580	20.0