LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140280.D
Acq On : 07 Nov 2024 17:32
Operator : RC/JU
Sample : P4722-13 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3(0-6)

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-BF110524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140280.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.946	306	315	320	rBV	10179	16508	1.16%	0.117%
2	5.081	504	508	515	rVB	11569	17097	1.20%	0.121%
3	5.481	568	576	589	rBV	320222	440594	30.96%	3.127%
4	6.492	742	748	763	rBV	352814	459100	32.26%	3.259%
5	6.875	808	813	818	rBV	591381	714533	50.20%	5.072%
6	7.434	903	908	912	rBV	210369	269982	18.97%	1.916%
7	7.687	944	951	956	rVB5	10075	14264	1.00%	0.101%
8	8.157	1021	1031	1038	rBV	728571	929818	65.33%	6.600%
9	8.969	1165	1169	1176	rVB	9135	15488	1.09%	0.110%
10	9.228	1208	1213	1220	rBV	422550	529799	37.22%	3.760%
11	9.316	1223	1228	1233	rVB5	9734	17022	1.20%	0.121%
12	9.569	1267	1271	1274	rVV	18243	27339	1.92%	0.194%
13	9.622	1277	1280	1286	rVB4	12999	19935	1.40%	0.141%
14	9.686	1286	1291	1301	rVB3	11617	23066	1.62%	0.164%
15	9.775	1301	1306	1311	rBV	62258	79818	5.61%	0.567%
16	9.828	1311	1315	1322	rVB5	9668	17505	1.23%	0.124%
17	9.916	1322	1330	1334	rBV	720568	948608	66.65%	6.733%
18	9.945	1334	1335	1344	rVB2	27044	25949	1.82%	0.184%
19	10.116	1360	1364	1368	rBV	23241	28629	2.01%	0.203%
20	10.157	1368	1371	1375	rVB	12221	15652	1.10%	0.111%
21	10.228	1379	1383	1386	rBV2	13248	19856	1.40%	0.141%
22	10.257	1386	1388	1394	rVB2	12339	14400	1.01%	0.102%
23	10.322	1394	1399	1401	rBV2	9757	16217	1.14%	0.115%
24	10.463	1419	1423	1429	rVB2	41007	57961	4.07%	0.411%
25	10.622	1445	1450	1458	rVB2	43400	61919	4.35%	0.439%
26	10.698	1458	1463	1469	rBV	204040	275088	19.33%	1.952%
27	10.822	1479	1484	1489	rVB3	16278	26527	1.86%	0.188%
28	11.010	1508	1516	1519	rBV2	20878	35776	2.51%	0.254%
29	11.139	1534	1538	1540	rBV	18992	27084	1.90%	0.192%
30	11.210	1546	1550	1553	rVB	18751	23093	1.62%	0.164%
31	11.251	1553	1557	1562	rVV2	19434	36065	2.53%	0.256%
32	11.298	1562	1565	1572	rVB	22224	31310	2.20%	0.222%
33	11.404	1578	1583	1585	rBV	609881	806494	56.66%	5.724%
34	11.427	1585	1587	1592	rVV	423569	466561	32.78%	3.312%
35	11.480	1592	1596	1599	rVV	83872	114303	8.03%	0.811%
36	11.510	1599	1601	1605	rVV2	22739	28147	1.98%	0.200%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140280.D
Acq On : 07 Nov 2024 17:32
Operator : RC/JU
Sample : P4722-13 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3(0-6)

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-BF110524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.574	1607	1612	1616	rVV6	7192	15334	1.08%	0.109%
38	11.633	1616	1622	1629	rVV3	28079	64042	4.50%	0.455%
39	11.698	1630	1633	1636	rVV2	17068	24516	1.72%	0.174%
40	11.733	1636	1639	1644	rVB3	12485	19249	1.35%	0.137%
41	11.904	1663	1668	1670	rBV	68813	92894	6.53%	0.659%
42	11.933	1670	1673	1677	rVV	108718	142481	10.01%	1.011%
43	11.980	1677	1681	1684	rVV	32168	44553	3.13%	0.316%
44	12.022	1684	1688	1696	rVB2	105981	203643	14.31%	1.445%
45	12.104	1696	1702	1705	rBV6	12640	29109	2.05%	0.207%
46	12.204	1715	1719	1721	rBV	39788	54728	3.85%	0.388%
47	12.351	1741	1744	1747	rBV	14405	18331	1.29%	0.130%
48	12.380	1747	1749	1752	rBV	13842	16240	1.14%	0.115%
49	12.457	1757	1762	1765	rBV	50983	82129	5.77%	0.583%
50	12.492	1765	1768	1773	rVV3	31169	58562	4.11%	0.416%
51	12.539	1773	1776	1782	rVB	43613	65860	4.63%	0.467%
52	12.621	1784	1790	1794	rBV	660778	870625	61.17%	6.179%
53	12.680	1794	1800	1802	rBV2	13094	25714	1.81%	0.183%
54	12.716	1802	1806	1809	rVV	63936	76453	5.37%	0.543%
55	12.851	1822	1829	1834	rBV2	529660	797423	56.03%	5.660%
56	12.898	1834	1837	1842	rVB2	37469	52537	3.69%	0.373%
57	12.986	1844	1852	1860	rBV2	307088	521306	36.63%	3.700%
58	13.069	1860	1866	1873	rBV3	72482	157821	11.09%	1.120%
59	13.174	1876	1884	1888	rBV2	95957	199987	14.05%	1.419%
60	13.239	1893	1895	1898	rVV2	34498	43663	3.07%	0.310%
61	13.280	1898	1902	1909	rVB2	81356	121822	8.56%	0.865%
62	13.374	1915	1918	1920	rBV	29762	32163	2.26%	0.228%
63	13.404	1920	1923	1927	rVV2	33062	43049	3.02%	0.306%
64	13.686	1967	1971	1976	rBV	83229	107610	7.56%	0.764%
65	13.792	1986	1989	1992	rBV2	55975	85856	6.03%	0.609%
66	13.892	2003	2006	2014	rVB	95434	132967	9.34%	0.944%
67	14.045	2027	2032	2036	rBV2	833534	1423267	100.00%	10.102%
68	15.104	2207	2212	2221	rBV	310338	704544	49.50%	5.001%
69	15.474	2271	2275	2281	rBV	196994	315135	22.14%	2.237%
70	15.539	2282	2286	2307	rVB2	360727	793969	55.78%	5.635%

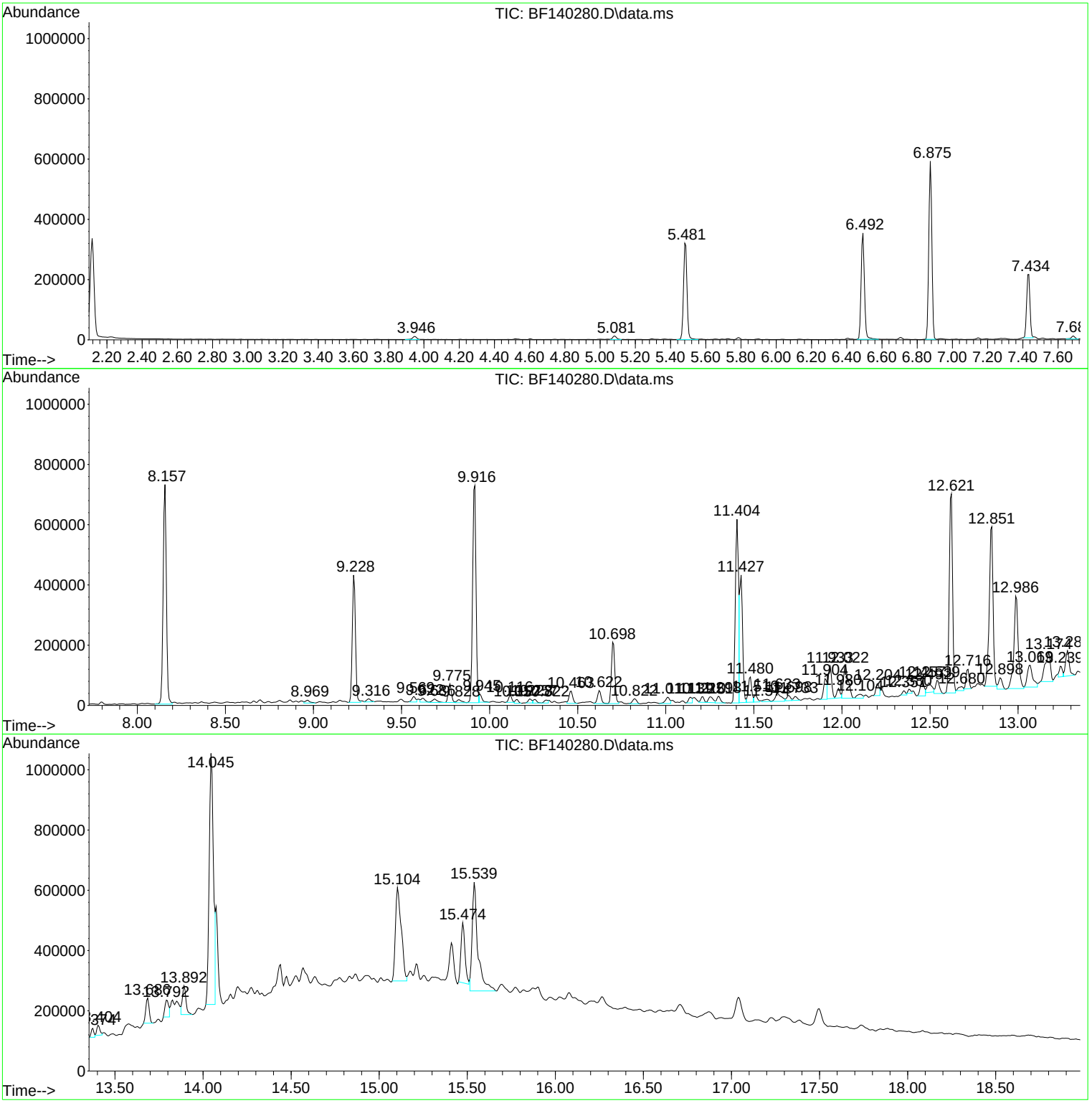
Sum of corrected areas: 14089089

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140280.D
Acq On : 07 Nov 2024 17:32
Operator : RC/JU
Sample : P4722-13 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.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\BF110724\
Data File : BF140280.D
Acq On : 07 Nov 2024 17:32
Operator : RC/JU
Sample : P4722-13 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

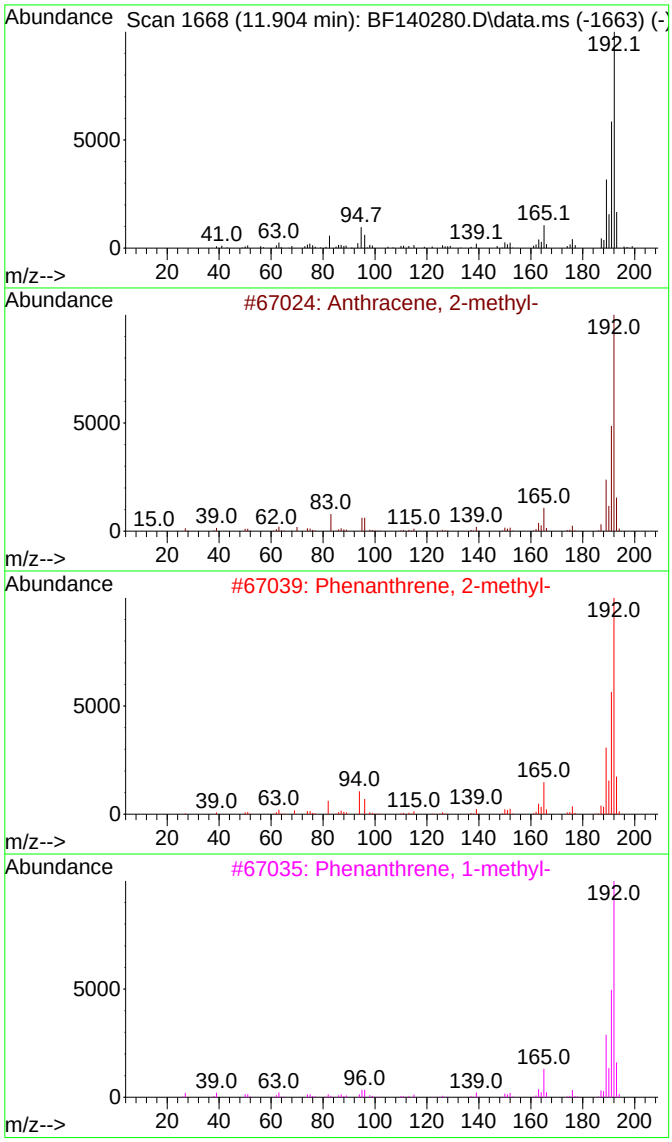
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

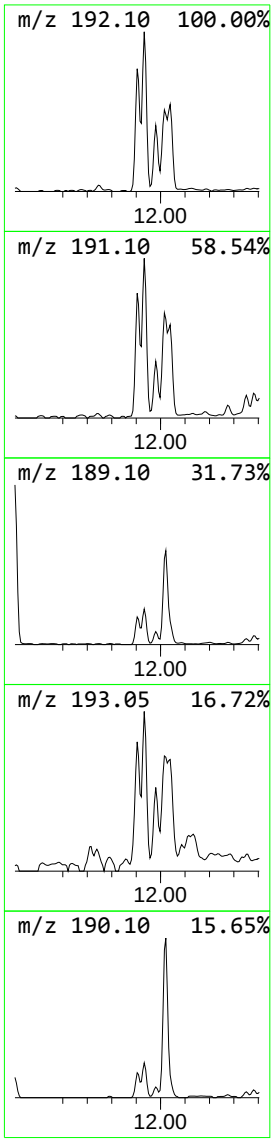
****

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	2.30 ng	92894	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140280.D
Acq On : 07 Nov 2024 17:32
Operator : RC/JU
Sample : P4722-13 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3(0-6)

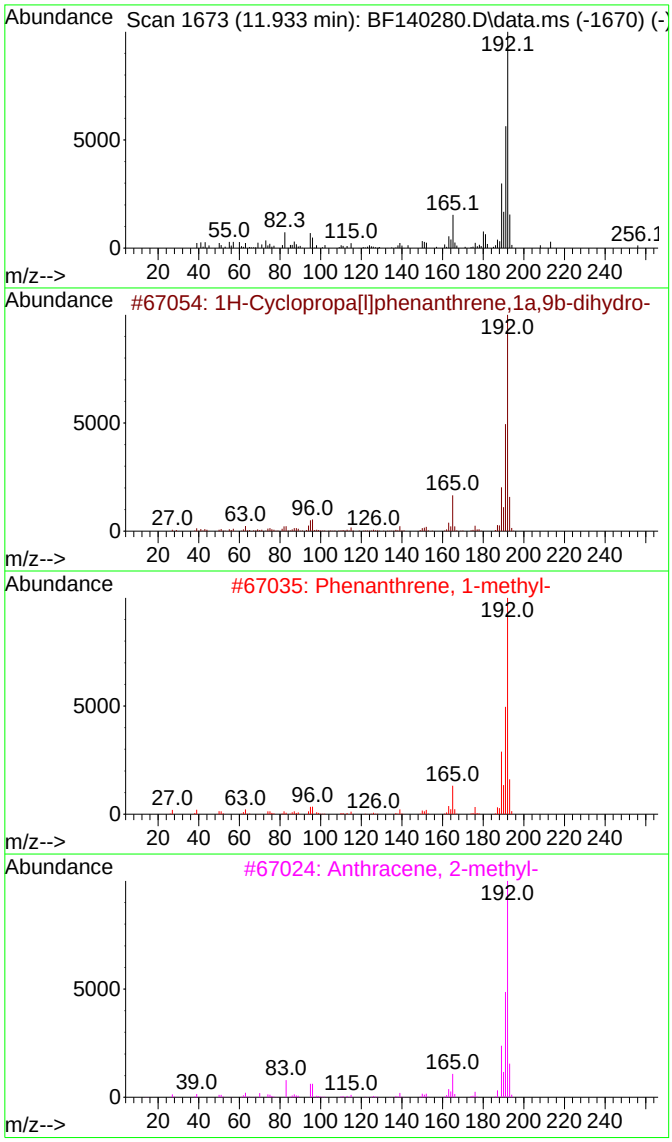
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

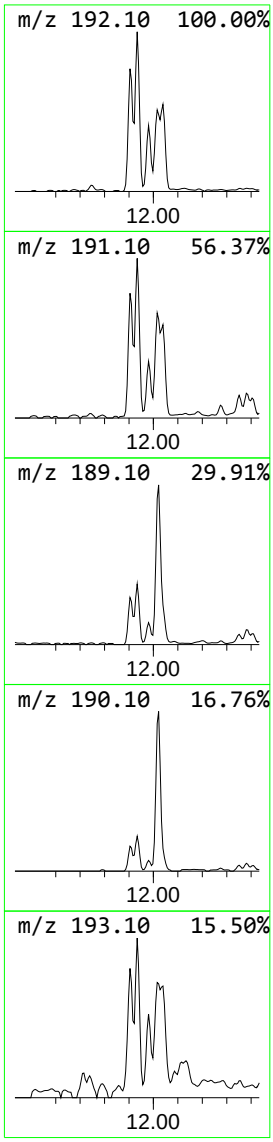
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	3.53 ng	142481	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140280.D
Acq On : 07 Nov 2024 17:32
Operator : RC/JU
Sample : P4722-13 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3(0-6)

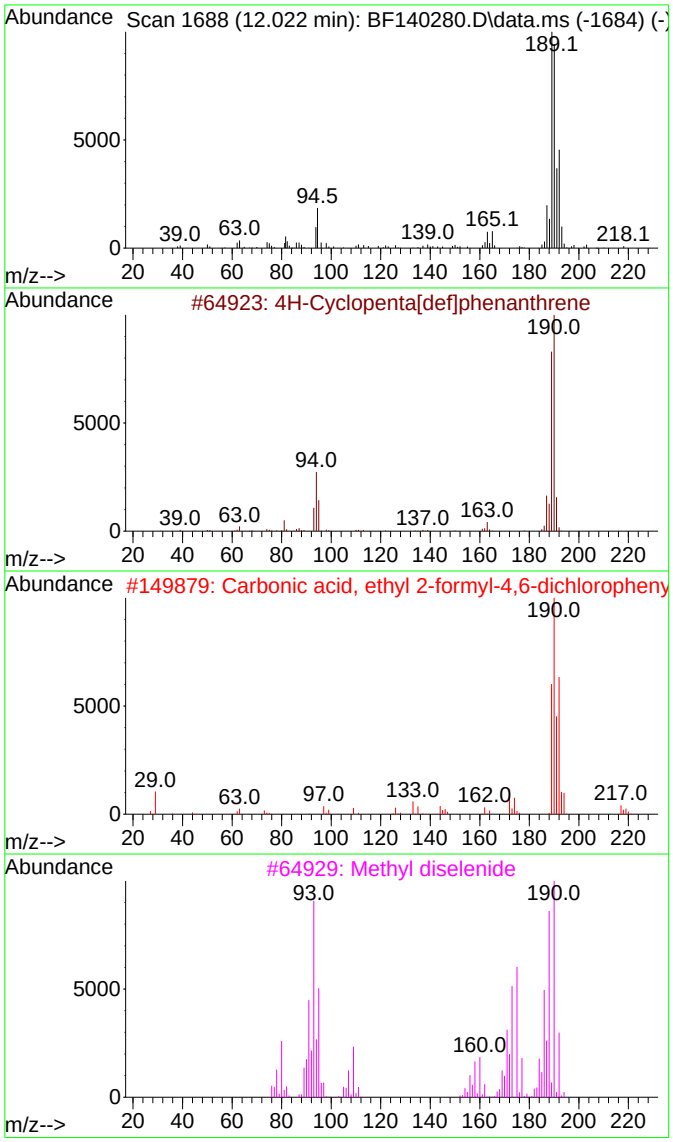
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

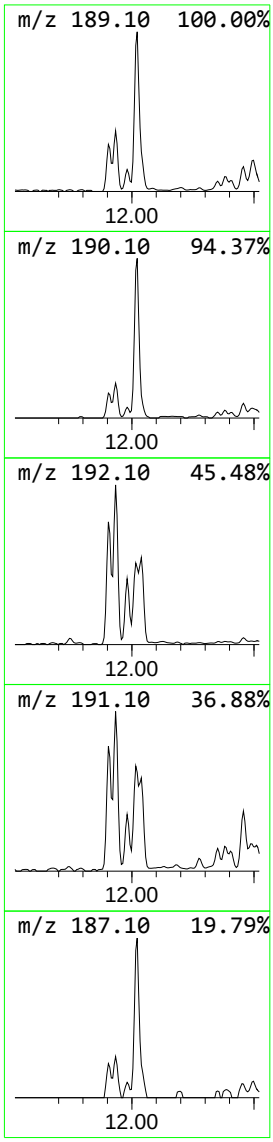
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	5.05 ng	203643	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140280.D
Acq On : 07 Nov 2024 17:32
Operator : RC/JU
Sample : P4722-13 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

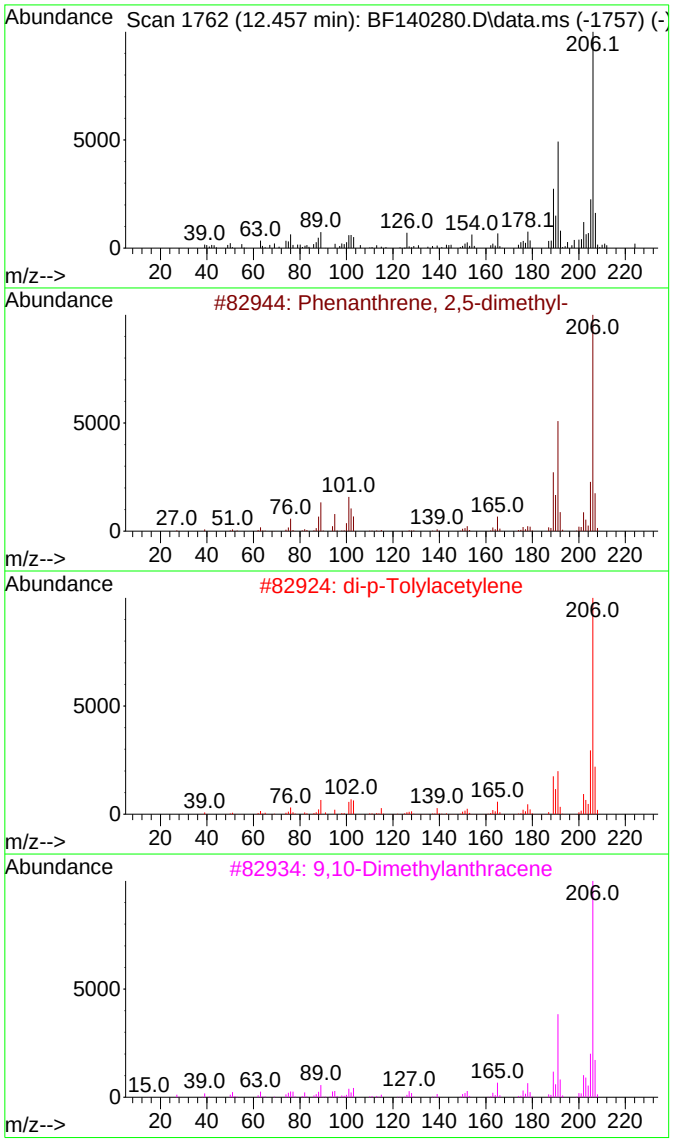
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

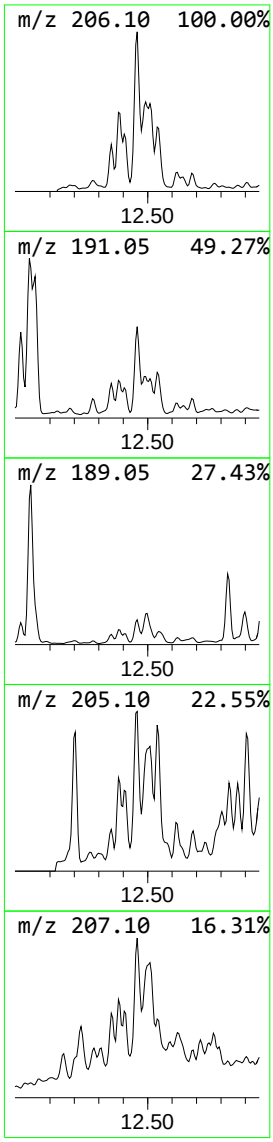
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	2.04 ng	82129	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140280.D
Acq On : 07 Nov 2024 17:32
Operator : RC/JU
Sample : P4722-13 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

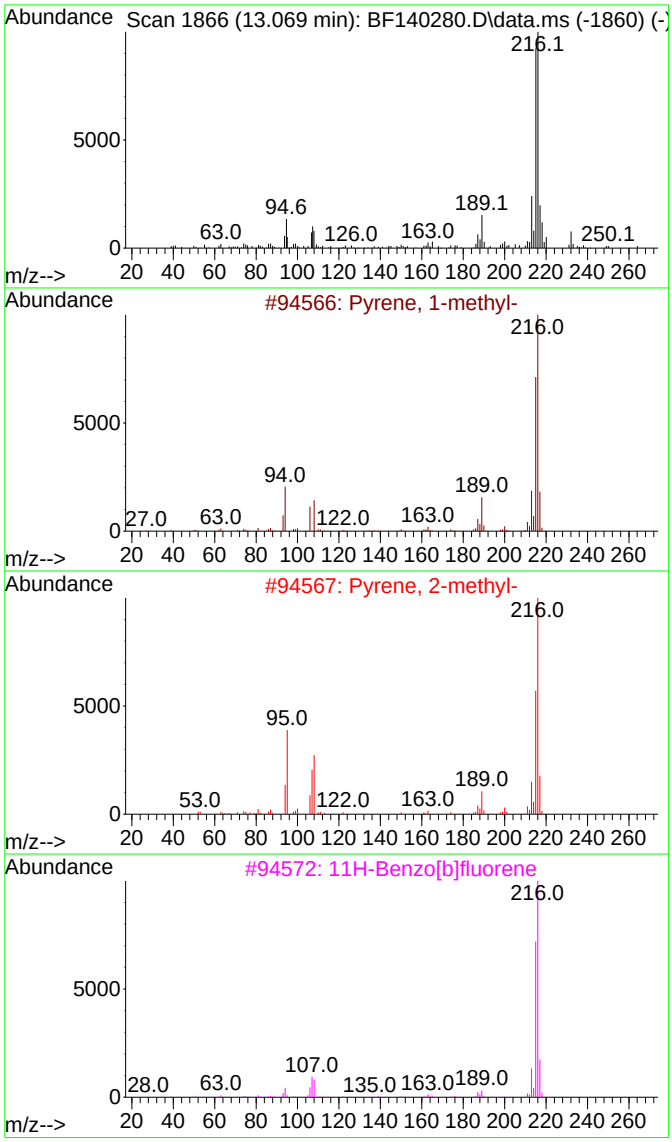
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

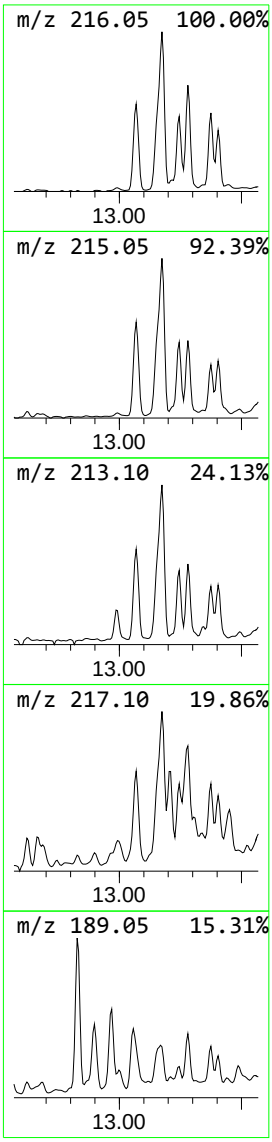
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.069	2.22 ng	157821	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140280.D
Acq On : 07 Nov 2024 17:32
Operator : RC/JU
Sample : P4722-13 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

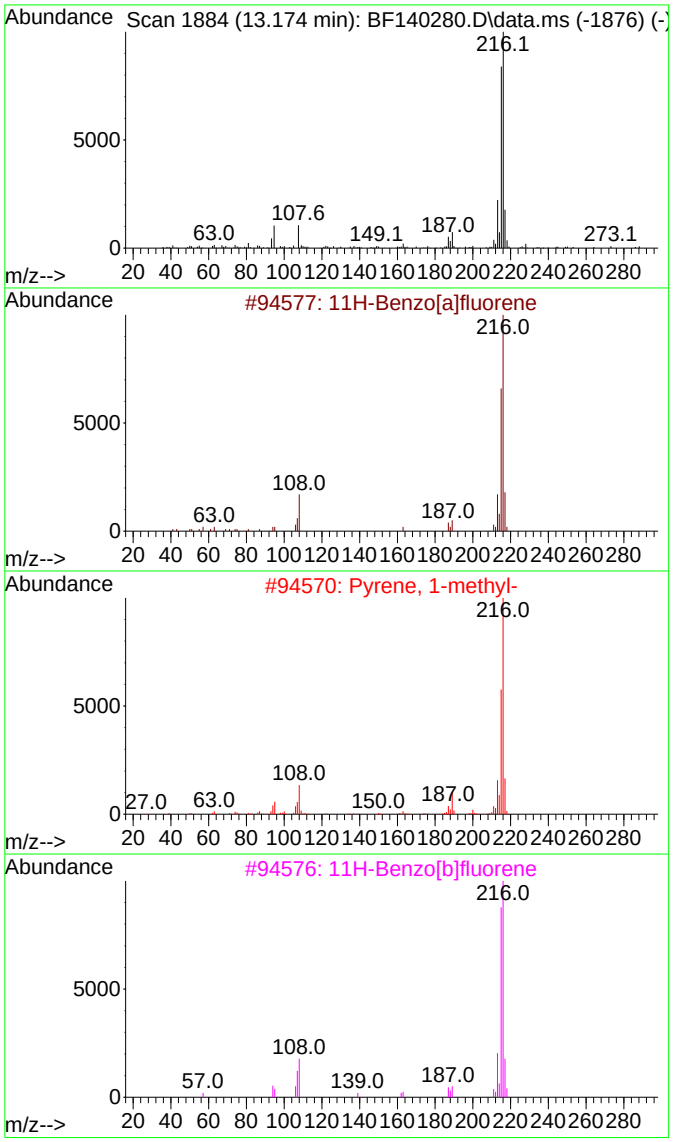
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

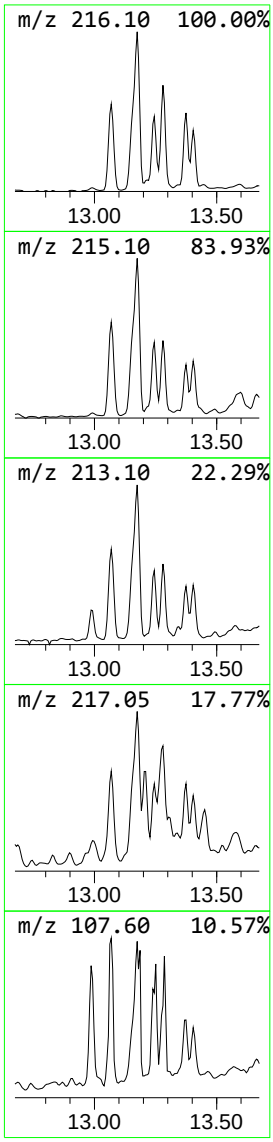
****

Peak Number 6 11H-Benzo[a]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	2.81 ng	199987	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140280.D
Acq On : 07 Nov 2024 17:32
Operator : RC/JU
Sample : P4722-13 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.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
Anthracene, 2-m...	11.904	2.3	ng	92894	4	11.404	806494	20.0
1H-Cyclopropa[l...	11.933	3.5	ng	142481	4	11.404	806494	20.0
4H-Cyclopenta[d...	12.022	5.0	ng	203643	4	11.404	806494	20.0
Phenanthrene, 2...	12.457	2.0	ng	82129	4	11.404	806494	20.0
Pyrene, 1-methyl-	13.069	2.2	ng	157821	5	14.051	1423270	20.0
11H-Benzo[a]flu...	13.174	2.8	ng	199987	5	14.051	1423270	20.0