LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 328

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134966.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	562	566	569	rBV	2296778	2117977	79.09%	6.612%
2	6.428	733	738	741	rBV	2354258	2140446	79.93%	6.683%
3	6.616	767	770	776	rBV	122470	101940	3.81%	0.318%
4	6.787	796	799	803	rBV	778526	645661	24.11%	2.016%
5	7.351	890	895	898	rBV	1679423	1401248	52.33%	4.375%
6	8.069	1013	1017	1020	rBV	1084752	868893	32.45%	2.713%
7	9.145	1196	1200	1203	rBV	3136218	2677942	100.00%	8.361%
8	9.263	1216	1220	1224	rVB	279463	226061	8.44%	0.706%
9	9.416	1242	1246	1250	rBV3	38329	43012	1.61%	0.134%
10	9.481	1254	1257	1260	rBV	36028	36018	1.34%	0.112%
11	9.686	1289	1292	1295	rBV	59725	47672	1.78%	0.149%
12	9.828	1312	1316	1319	rBV	1133158	953359	35.60%	2.976%
13	9.857	1319	1321	1325	rVB	142289	102951	3.84%	0.321%
14	10.028	1347	1350	1354	rBV	82298	77101	2.88%	0.241%
15	10.375	1405	1409	1414	rVB	116872	104503	3.90%	0.326%
16	10.533	1433	1436	1442	rVB	57026	52347	1.95%	0.163%
17	10.616	1446	1450	1454	rBV	1864999	1732921	64.71%	5.410%
18	10.745	1467	1472	1475	rVB3	41527	45943	1.72%	0.143%
19	10.927	1500	1503	1505	rVB2	35106	33034	1.23%	0.103%
20	11.057	1520	1525	1526	rBV2	36665	43401	1.62%	0.135%
21	11.122	1533	1536	1540	rVB	67139	58880	2.20%	0.184%
22	11.169	1540	1544	1549	rBV4	37711	64782	2.42%	0.202%
23	11.216	1549	1552	1557	rVB	65686	67255	2.51%	0.210%
24	11.269	1557	1561	1566	rBV7	19941	32697	1.22%	0.102%
25	11.322	1566	1570	1572	rVV	1011772	1058730	39.54%	3.305%
26	11.345	1572	1574	1577	rVV	1171953	882885	32.97%	2.756%
27	11.392	1577	1582	1585	rVB	287168	243862	9.11%	0.761%
28	11.427	1585	1588	1591	rBV2	37324	37160	1.39%	0.116%
29	11.551	1602	1609	1611	rBV2	79049	85888	3.21%	0.268%
30	11.616	1618	1620	1623	rBV	41067	33306	1.24%	0.104%
31	11.651	1623	1626	1631	rVB3	39313	37067	1.38%	0.116%
32	11.722	1634	1638	1643	rVB3	40127	54781	2.05%	0.171%
33	11.822	1651	1655	1657	rBV	203555	183224	6.84%	0.572%
34	11.851	1657	1660	1665	rVV2	529106	567258	21.18%	1.771%
35	11.898	1665	1668	1671	rVV2	106850	106309	3.97%	0.332%
36	11.933	1671	1674	1677	rVV	261342	285905	10.68%	0.893%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 328

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.957	1677	1678	1683	rVB	119275	66236	2.47%	0.207%
38	12.122	1703	1706	1708	rBV	125544	105889	3.95%	0.331%
39	12.145	1708	1710	1713	rVB	109380	85850	3.21%	0.268%
40	12.269	1726	1731	1734	rBV	52119	62146	2.32%	0.194%
41	12.298	1734	1736	1739	rVV	46322	39256	1.47%	0.123%
42	12.327	1739	1741	1744	rVB	38527	30261	1.13%	0.094%
43	12.374	1745	1749	1752	rBV	119305	128185	4.79%	0.400%
44	12.416	1752	1756	1757	rVV2	67239	79353	2.96%	0.248%
45	12.433	1757	1759	1761	rVB	94229	73007	2.73%	0.228%
46	12.463	1761	1764	1769	rVB	97161	108760	4.06%	0.340%
47	12.539	1773	1777	1780	rBV	1619580	1372943	51.27%	4.286%
48	12.645	1791	1795	1798	rBV2	101055	126466	4.72%	0.395%
49	12.769	1810	1816	1819	rBV2	1314818	1341886	50.11%	4.189%
50	12.816	1822	1824	1829	rVB2	73845	87756	3.28%	0.274%
51	12.886	1833	1836	1838	rBV	79483	89312	3.34%	0.279%
52	12.916	1838	1841	1848	rVB	2704517	2400314	89.63%	7.494%
53	12.992	1848	1854	1857	rBV2	104207	176467	6.59%	0.551%
54	13.074	1865	1868	1870	rBV4	80314	100695	3.76%	0.314%
55	13.098	1870	1872	1875	rVB	177889	144793	5.41%	0.452%
56	13.163	1879	1883	1886	rVB2	104481	104867	3.92%	0.327%
57	13.204	1886	1890	1892	rBV2	160137	175086	6.54%	0.547%
58	13.227	1892	1894	1897	rVB2	35852	34977	1.31%	0.109%
59	13.298	1903	1906	1908	rVB	75146	67015	2.50%	0.209%
60	13.327	1908	1911	1915	rBV2	81606	93042	3.47%	0.290%
61	13.504	1934	1941	1943	rBV6	55901	120727	4.51%	0.377%
62	13.610	1956	1959	1963	rVB	145203	140207	5.24%	0.438%
63	13.721	1973	1978	1981	rBV2	113416	162906	6.08%	0.509%
64	13.751	1981	1983	1985	rVV	112318	99027	3.70%	0.309%
65	13.774	1985	1987	1988	rVV	93922	79322	2.96%	0.248%
66	13.821	1992	1995	2003	rVB2	277037	306389	11.44%	0.957%
67	13.974	2013	2021	2023	rBV2	1049954	1590732	59.40%	4.966%
68	13.998	2023	2025	2028	rVB	554887	465119	17.37%	1.452%
69	14.080	2036	2039	2041	rVB2	88240	76672	2.86%	0.239%
70	14.327	2079	2081	2083	rBV	41189	34203	1.28%	0.107%
71	14.363	2084	2087	2090	rVB	152476	141308	5.28%	0.441%
72	14.398	2090	2093	2097	rVB2	84622	89735	3.35%	0.280%
73	14.457	2100	2103	2106	rBV2	106295	129007	4.82%	0.403%
74	14.486	2106	2108	2110	rVB2	79656	61465	2.30%	0.192%
75	14.615	2127	2130	2132	rBV2	46801	55507	2.07%	0.173%
76	14.674	2135	2140	2142	rVV3	74170	112510	4.20%	0.351%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
328

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.021	2194	2199	2202	rBV	592687	937081	34.99%	2.926%
78	15.110	2210	2214	2215	rBV2	67305	98361	3.67%	0.307%
79	15.127	2215	2217	2229	rVB	170223	230351	8.60%	0.719%
80	15.321	2246	2250	2257	rVB	339879	448483	16.75%	1.400%
81	15.386	2257	2261	2267	rBV	485389	587056	21.92%	1.833%
82	15.451	2267	2272	2275	rBV	597998	758663	28.33%	2.369%
83	15.480	2275	2277	2284	rVB2	145964	208968	7.80%	0.652%
84	15.939	2352	2355	2360	rBV2	53984	87010	3.25%	0.272%
85	16.939	2520	2525	2534	rVB2	185443	374507	13.98%	1.169%
86	17.386	2596	2601	2612	rVB	133309	288162	10.76%	0.900%

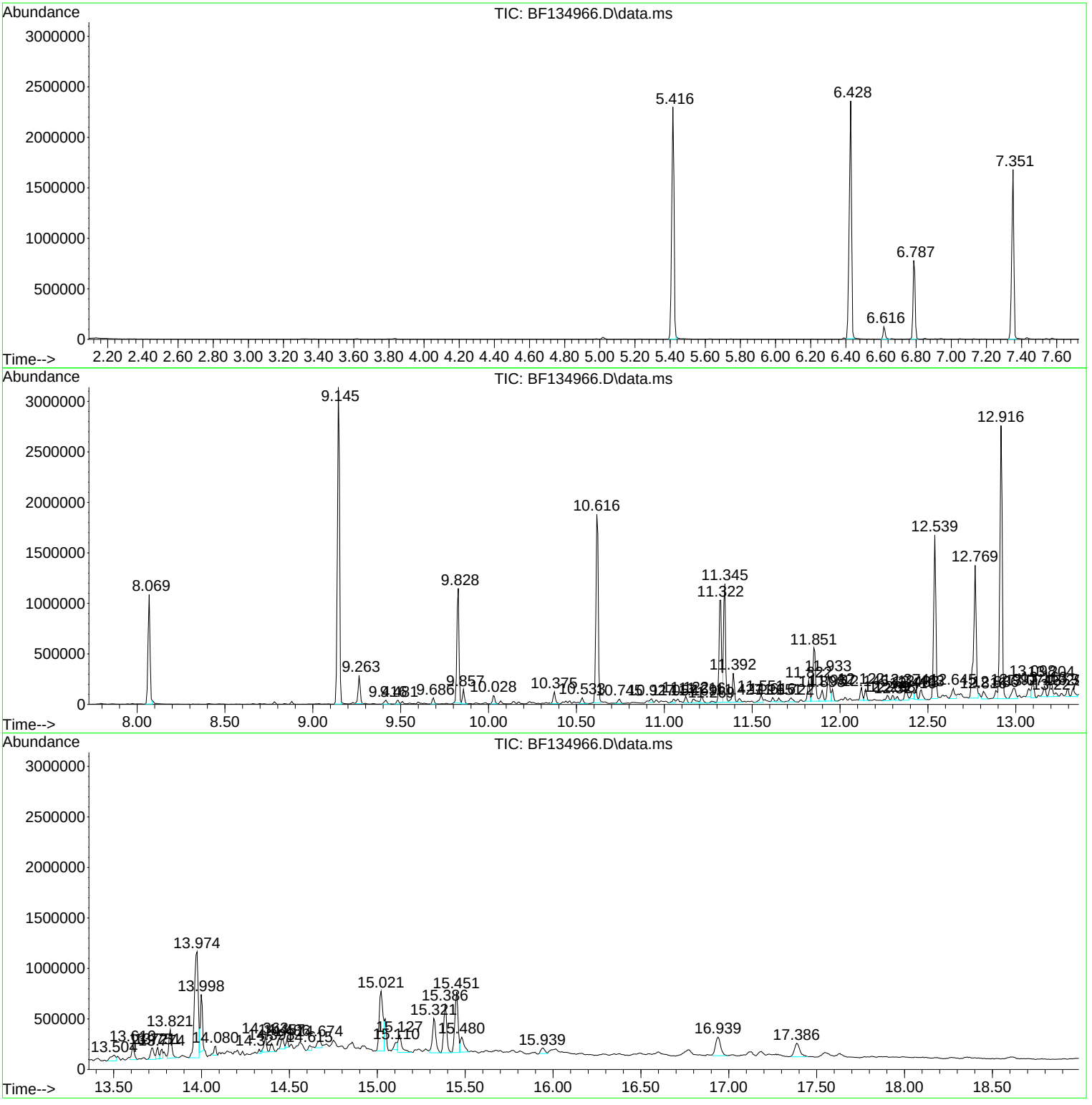
Sum of corrected areas: 32030459

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
328

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
328

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

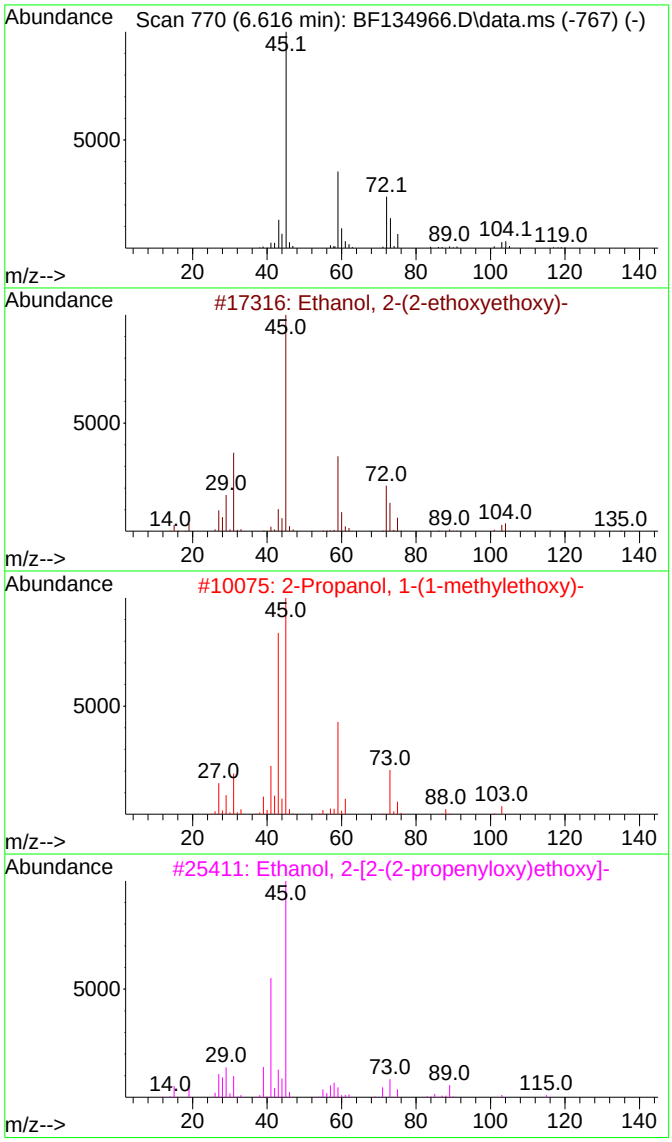
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

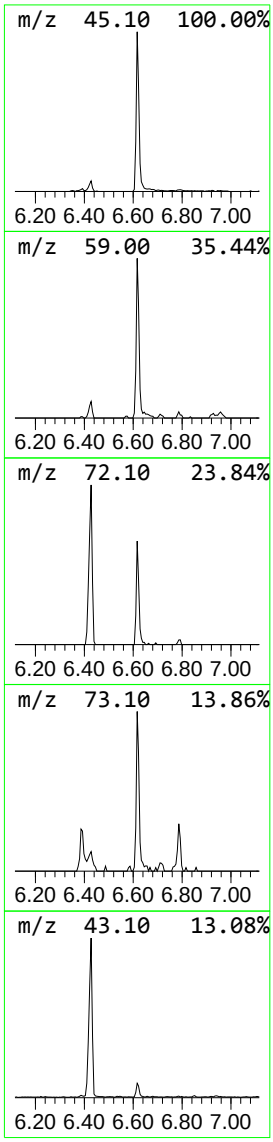
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.616	3.16 ng	101940	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	50
3	Ethanol, 2-[2-(2-propenyloxy)eth...	146	C7H14O3	015075-50-0	40
4	L-Lactic acid	90	C3H6O3	000079-33-4	37
5	Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
328

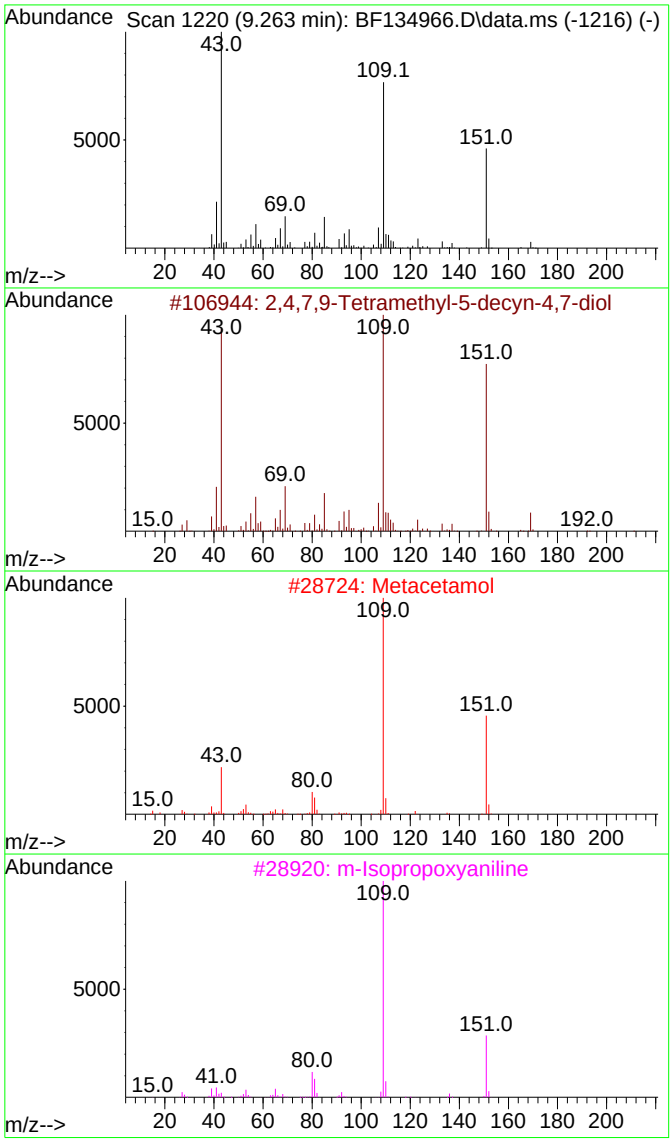
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

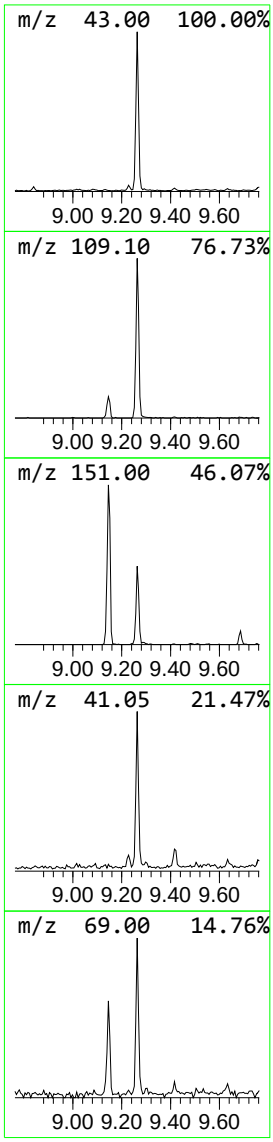
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.263	4.74 ng	226061	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	Metacetamol	151	C8H9NO2	000621-42-1	59
3	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	59
4	Acetaminophen	151	C8H9NO2	000103-90-2	59
5	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
328

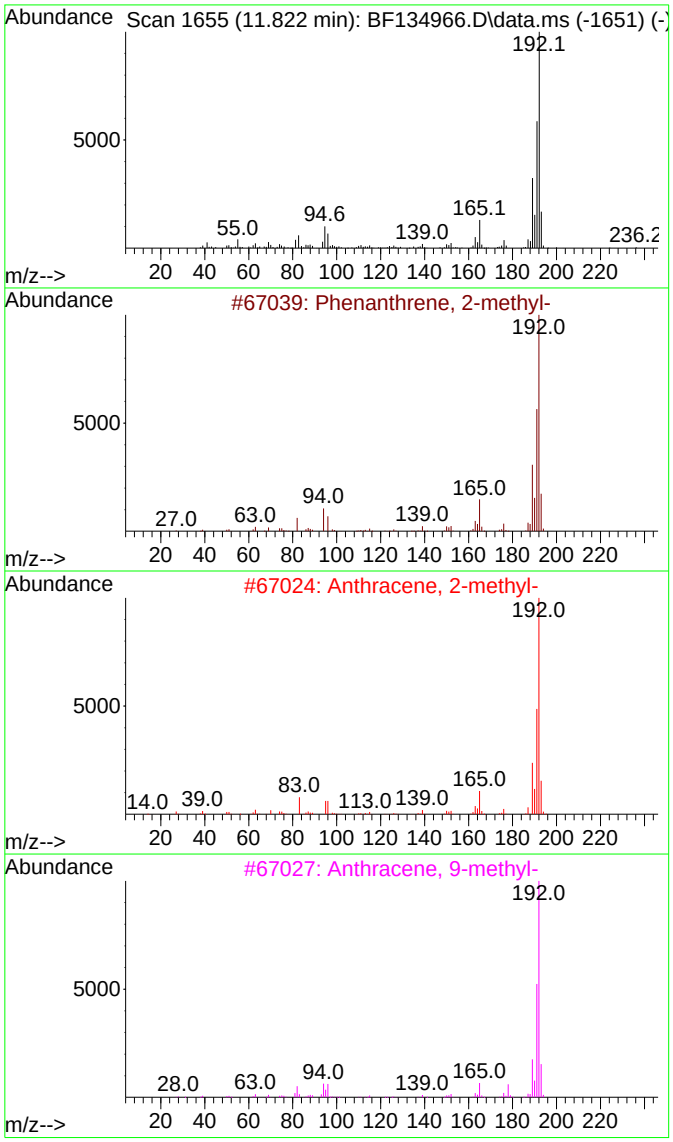
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

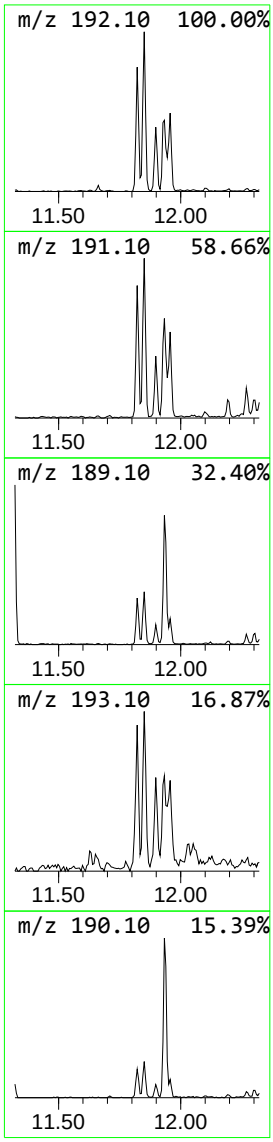
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	3.46 ng	183224	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
328

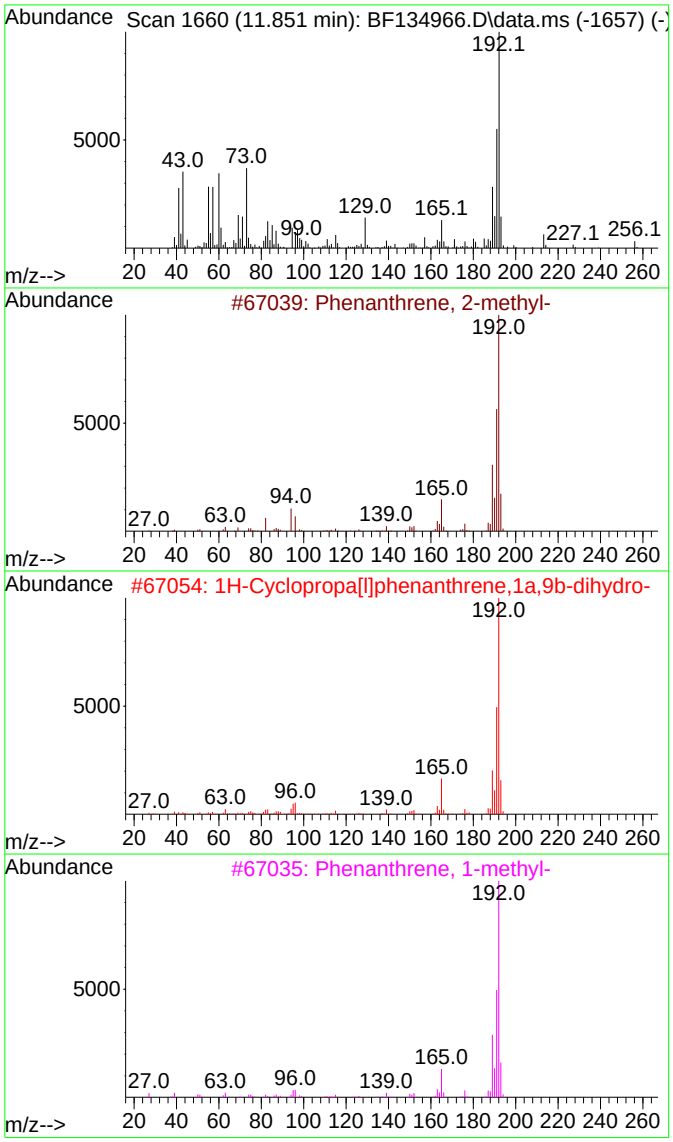
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

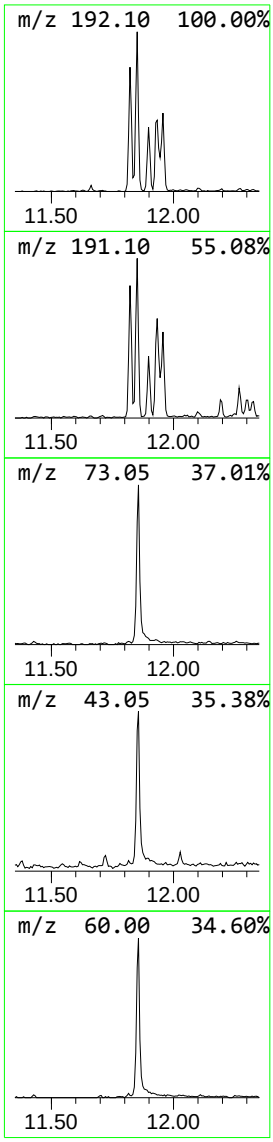
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	10.72 ng	567258	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
328

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

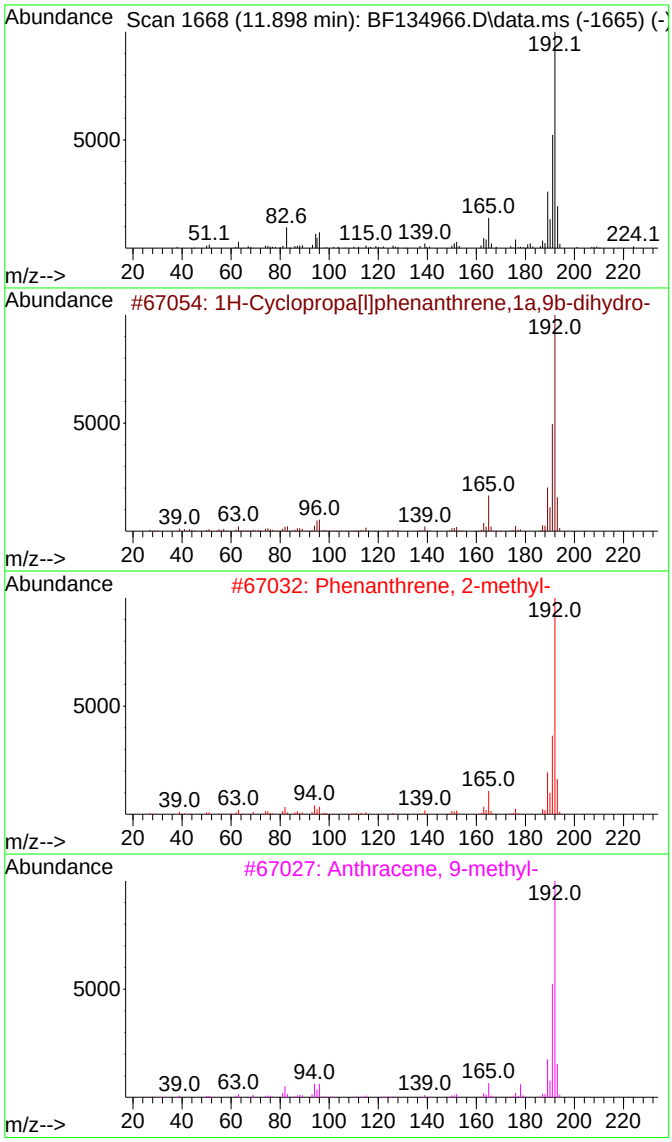
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

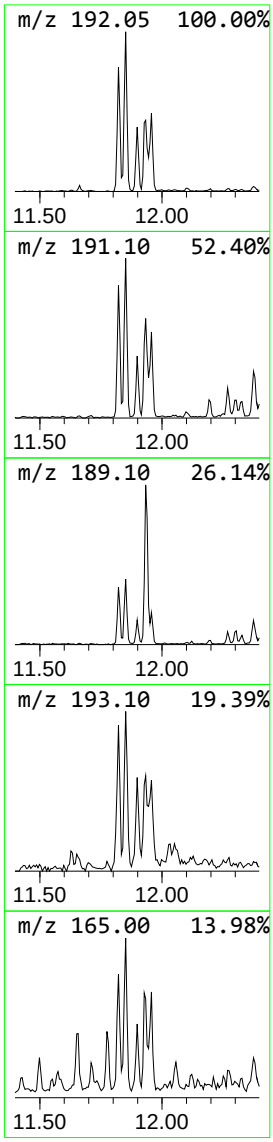
****

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	2.01 ng	106309	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
328

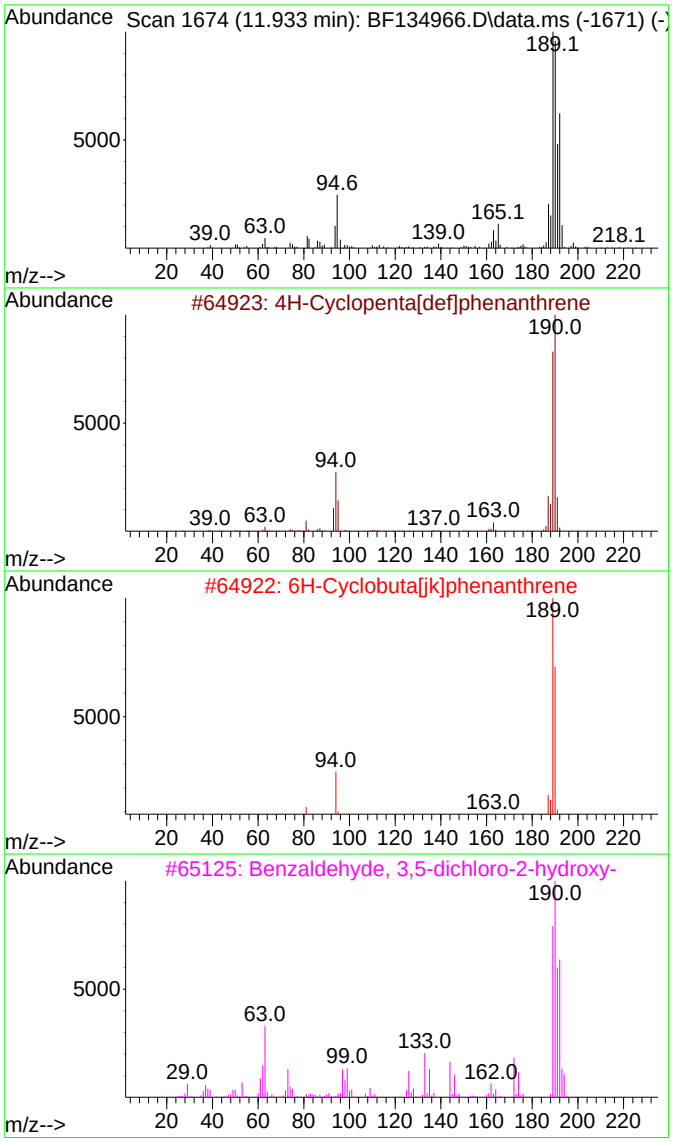
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

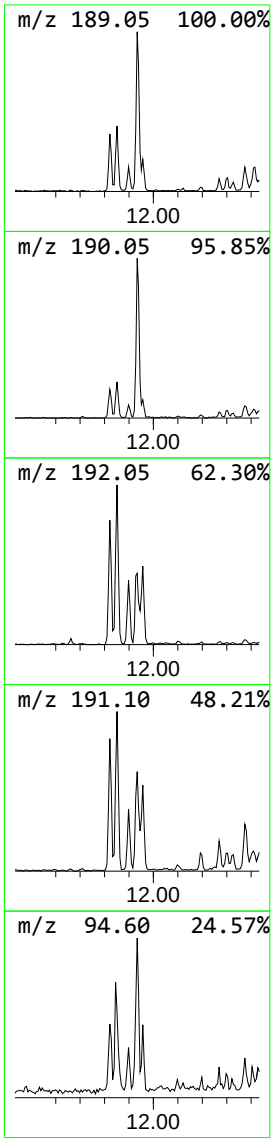
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.40 ng	285905	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
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	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
328

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

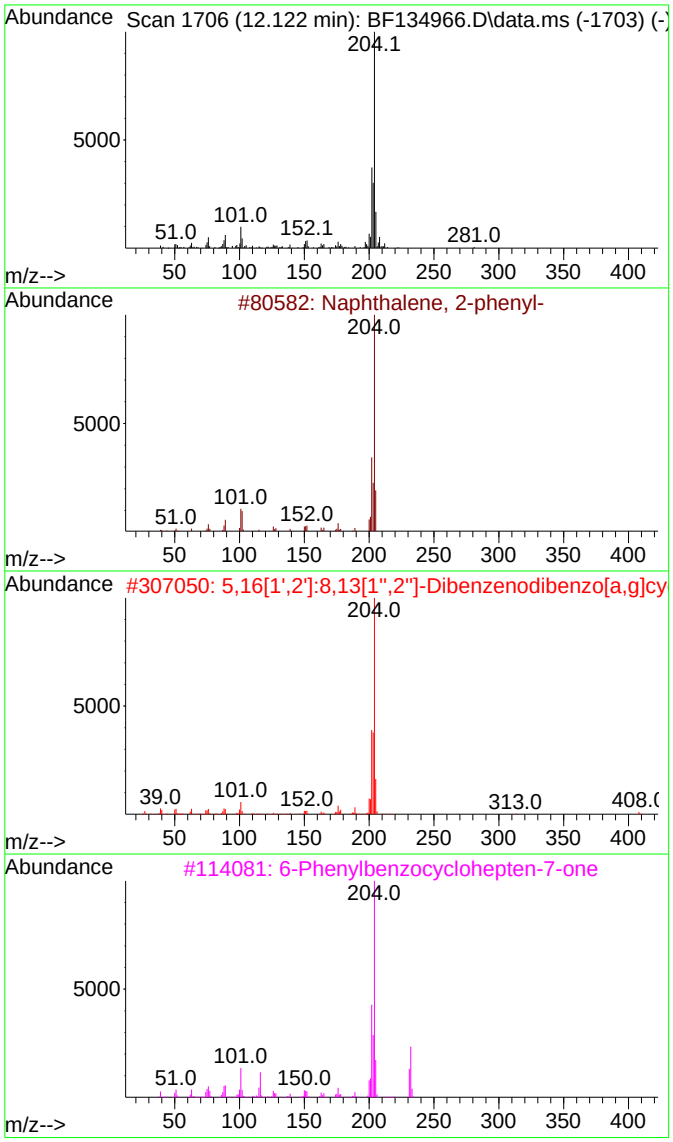
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

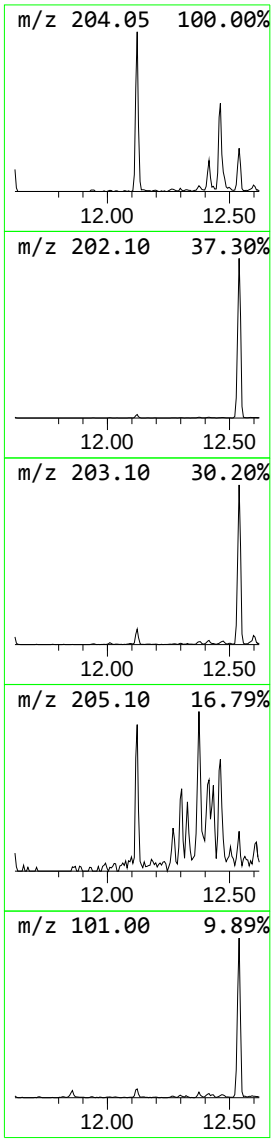
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	2.00 ng	105889	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	78
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	64
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
328

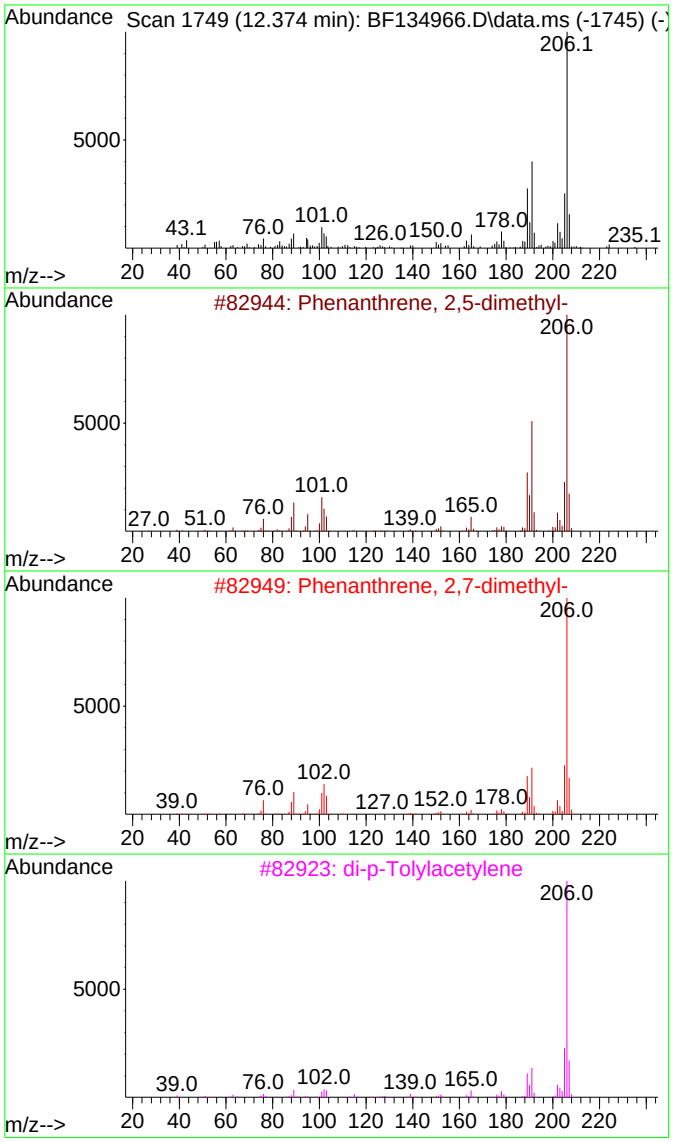
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

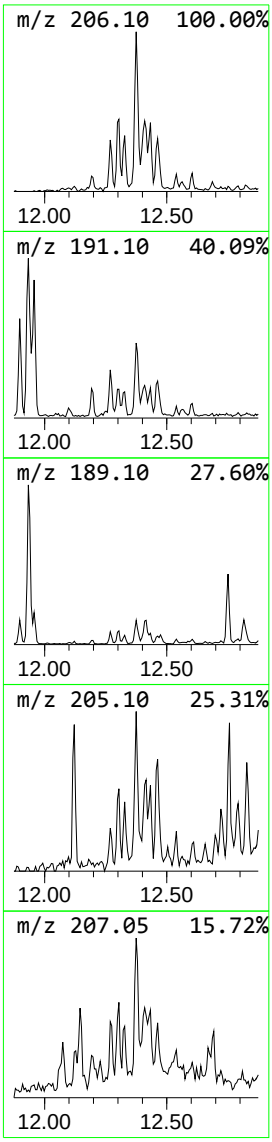
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	2.42 ng	128185	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
328

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

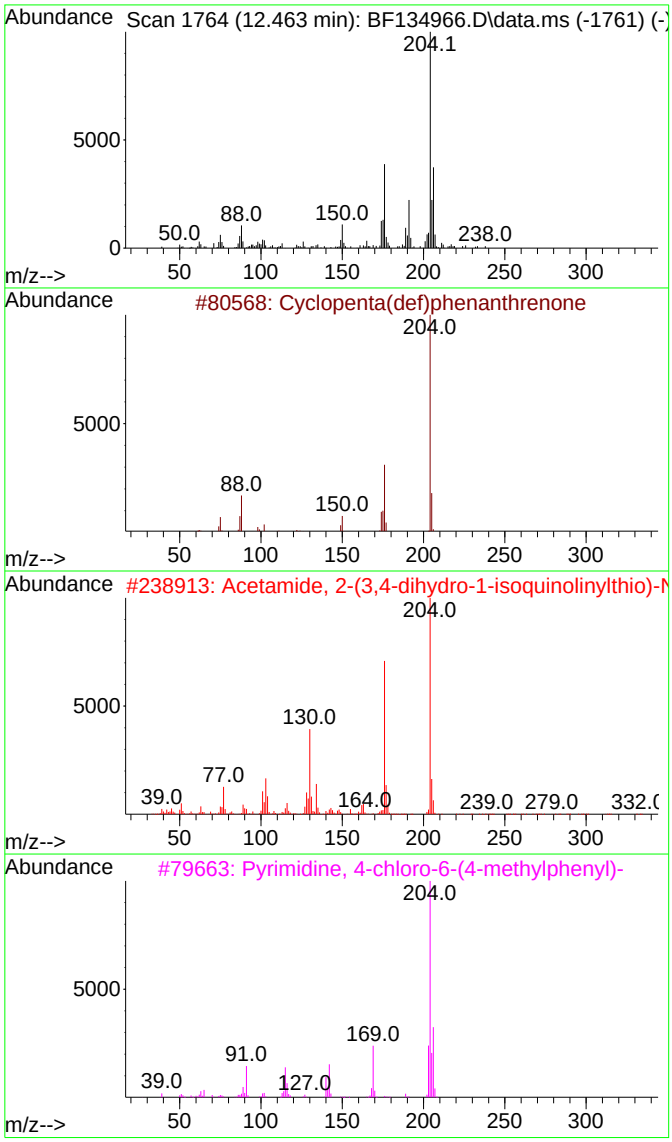
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

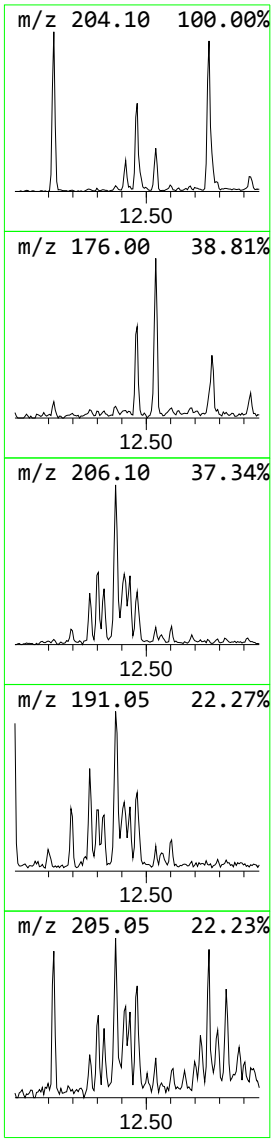
****

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	2.05 ng	108760	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	Acetamide, 2-(3,4-dihydro-1-isoq...	332	C17H14F2N2OS	1000270-76-1	47
3	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43
4	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	43
5	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
328

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

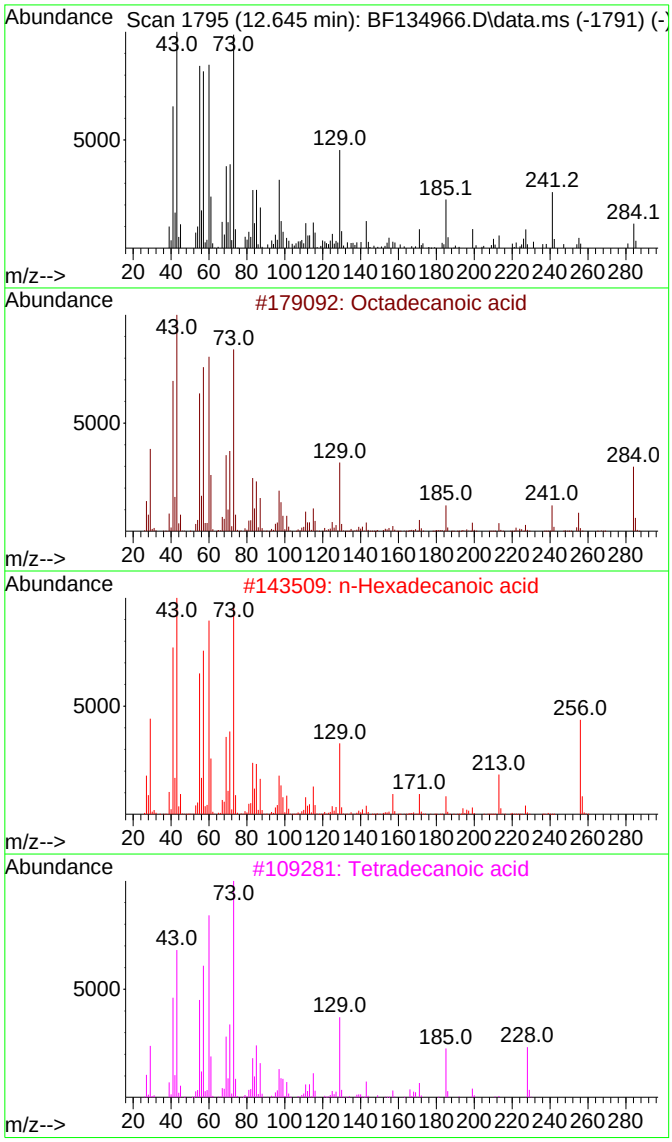
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

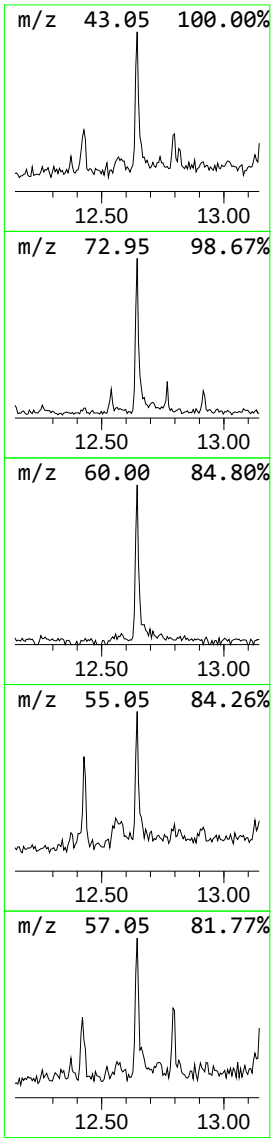
****

Peak Number 10 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	2.39 ng	126466	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
328

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

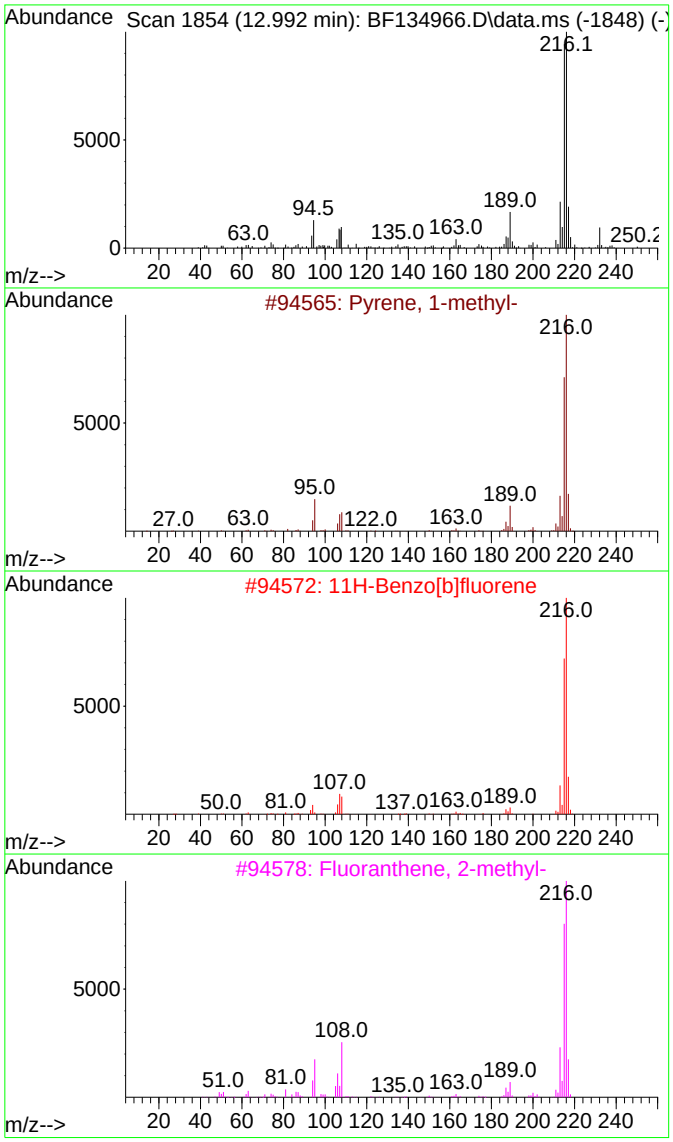
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

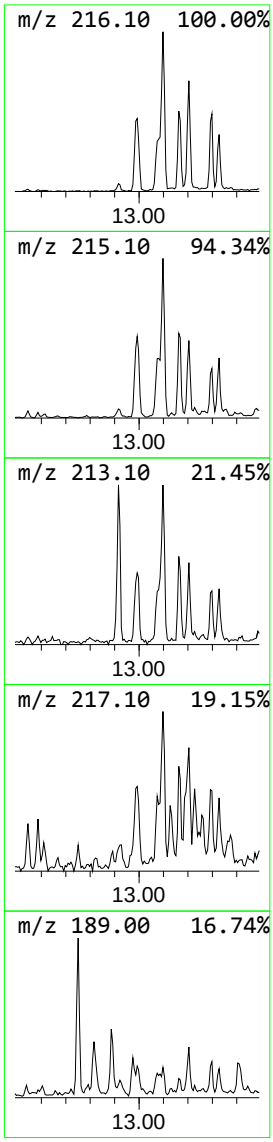
****

Peak Number 11 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.992	2.22 ng	176467	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
328

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

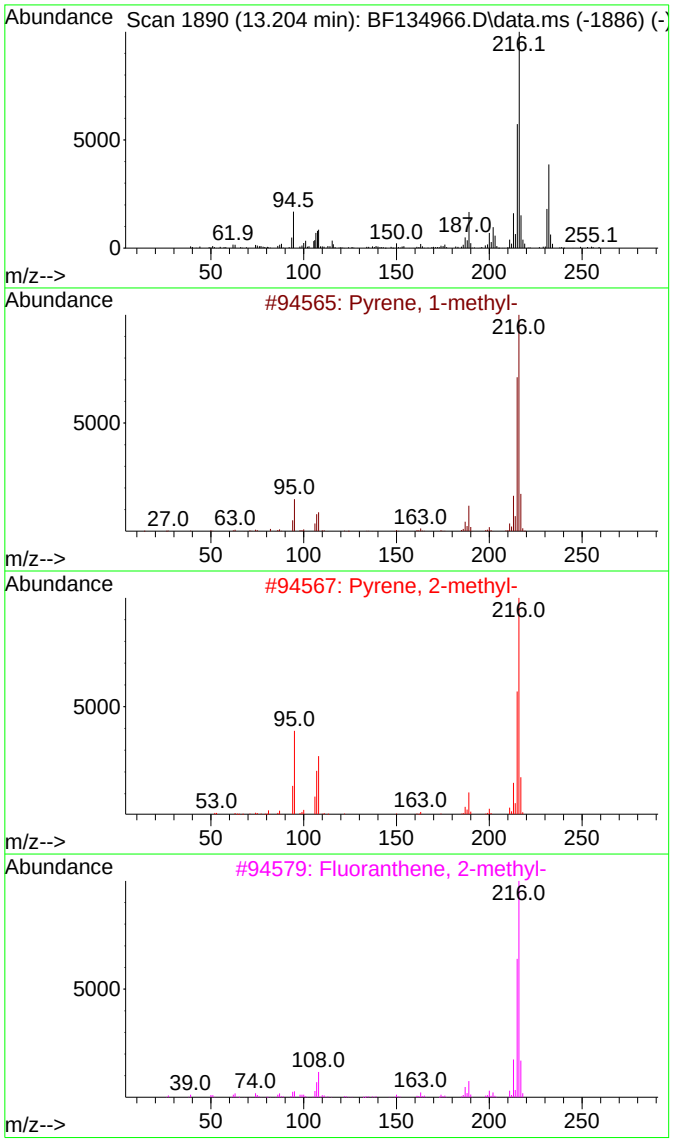
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

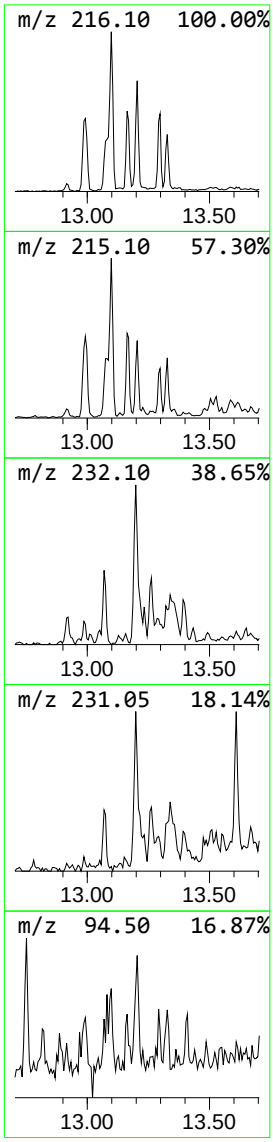
****

Peak Number 12 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	2.20 ng	175086	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
328

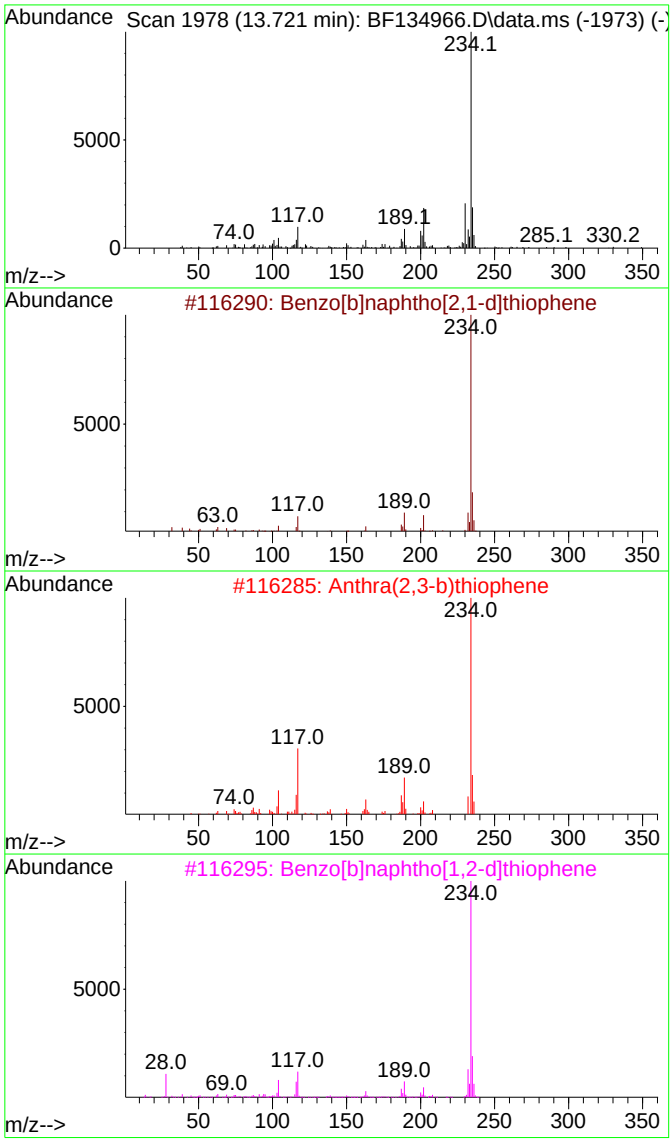
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

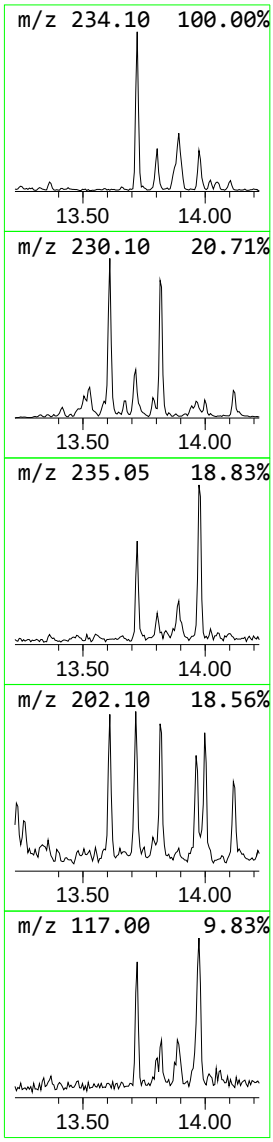
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.721	2.05 ng	162906	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	89
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
328

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

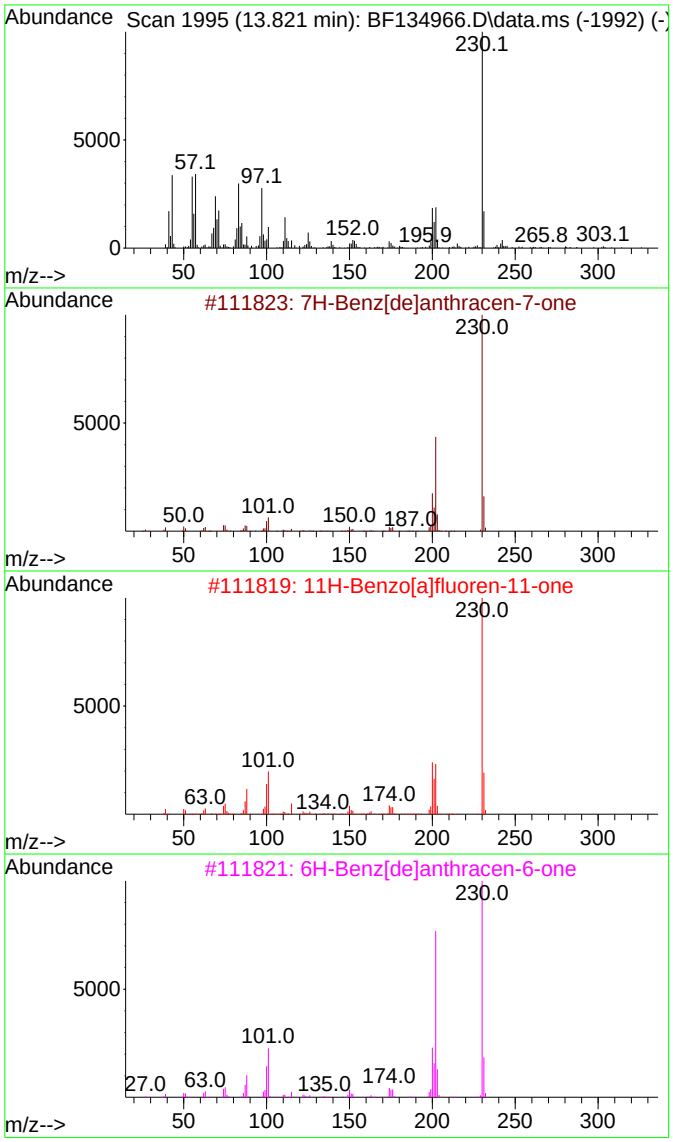
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

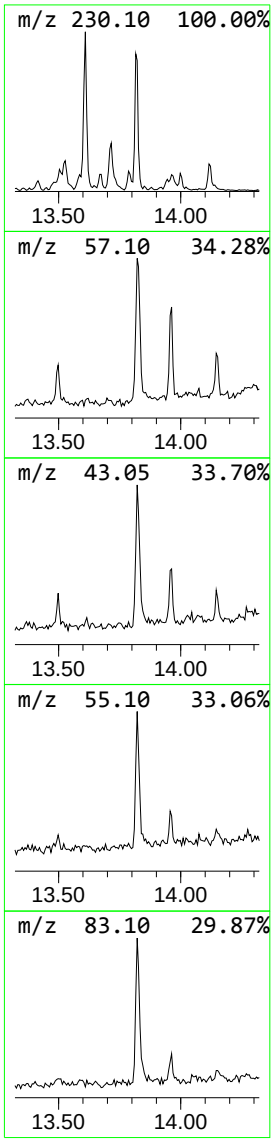
****

Peak Number 14 7H-Benz[de]anthracen-7-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	3.85 ng	306389	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	64
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	62
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	50
4	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	47
5	8-Hydroxyquinoline-5-carbaldehyd...	245	C13H15NO2Si	1010463-63-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
328

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

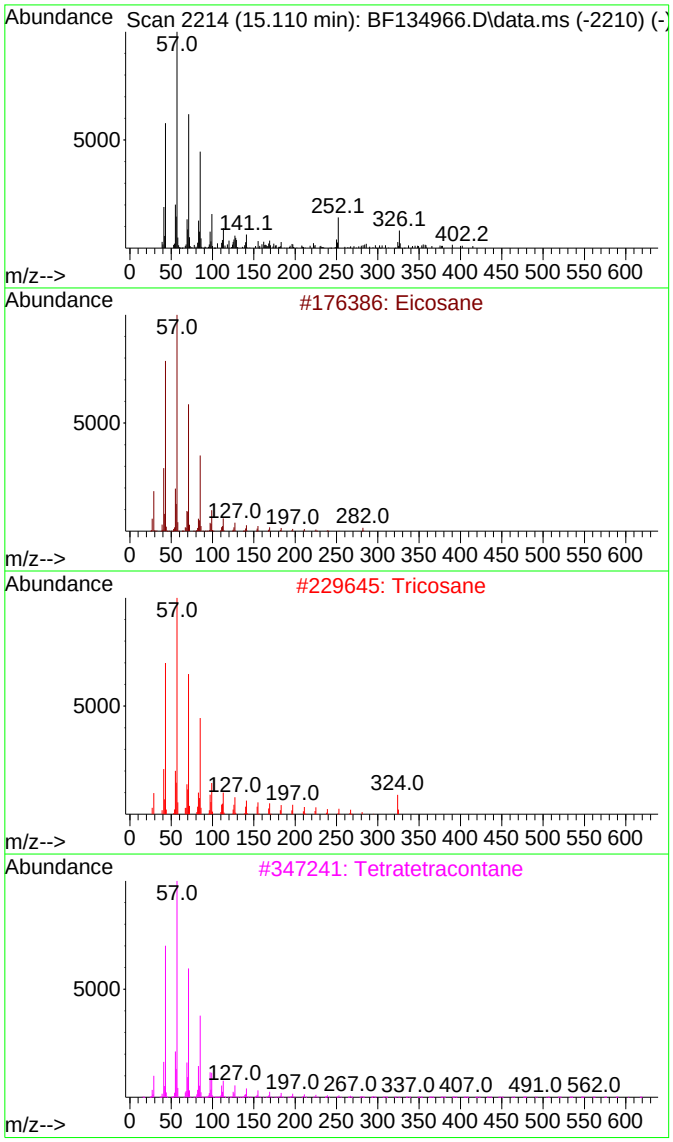
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

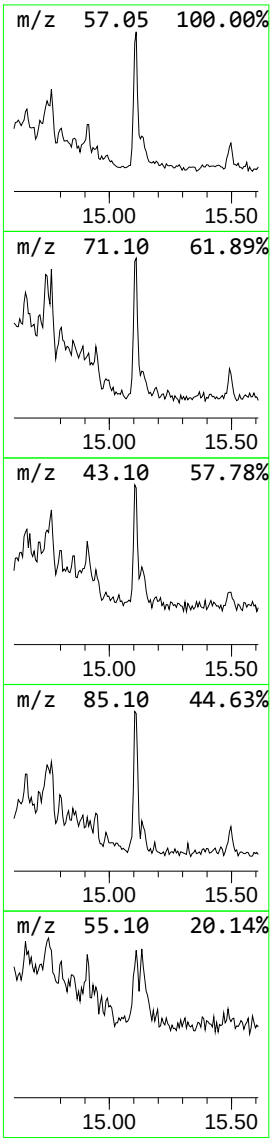
****

Peak Number 15 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	2.59 ng	98361	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Tricosane	324	C23H48	000638-67-5	95
3	Tetratetracontane	619	C44H90	007098-22-8	68
4	Tetracosane	338	C24H50	000646-31-1	68
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
328

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

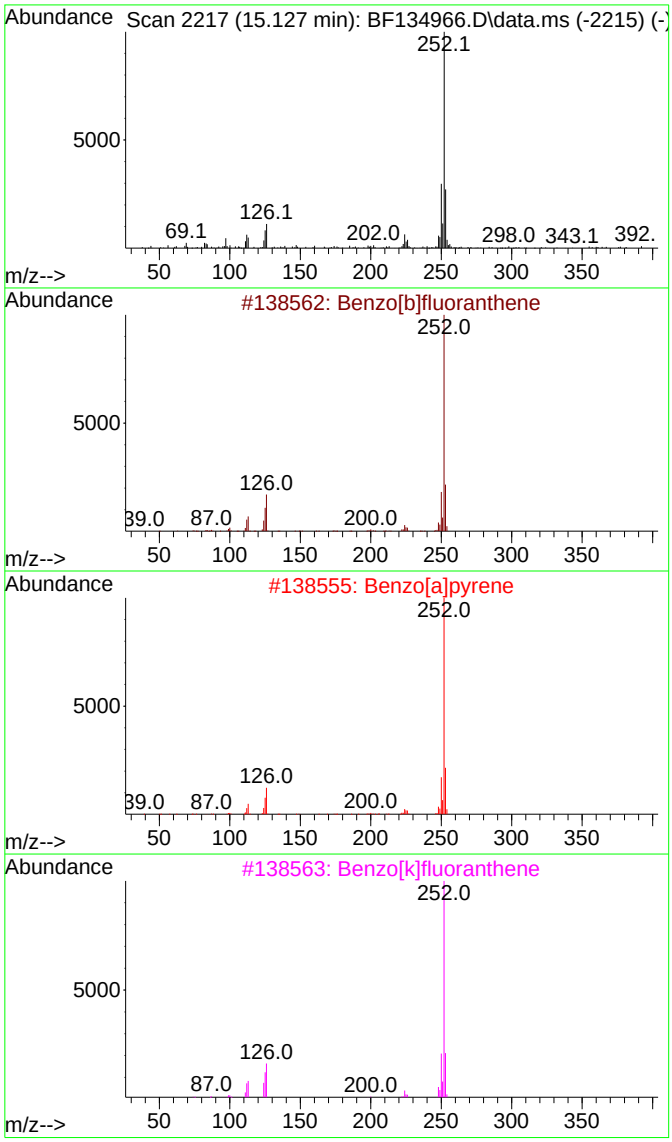
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

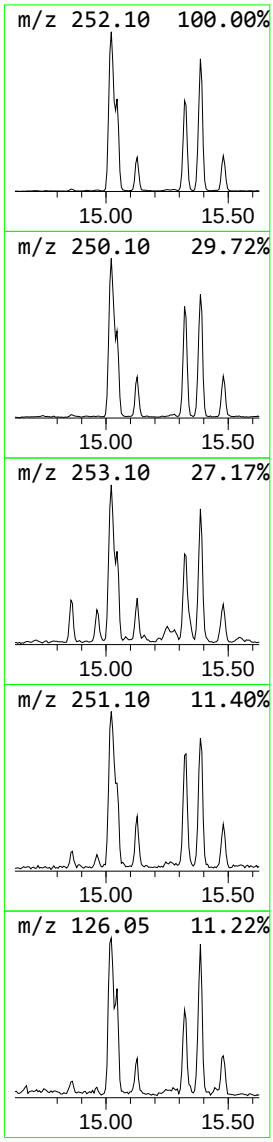
****

Peak Number 16 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.127	6.07 ng	230351	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Perylene	252	C20H12	000198-55-0	87
5	Benzo[e]pyrene	252	C20H12	000192-97-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
328

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

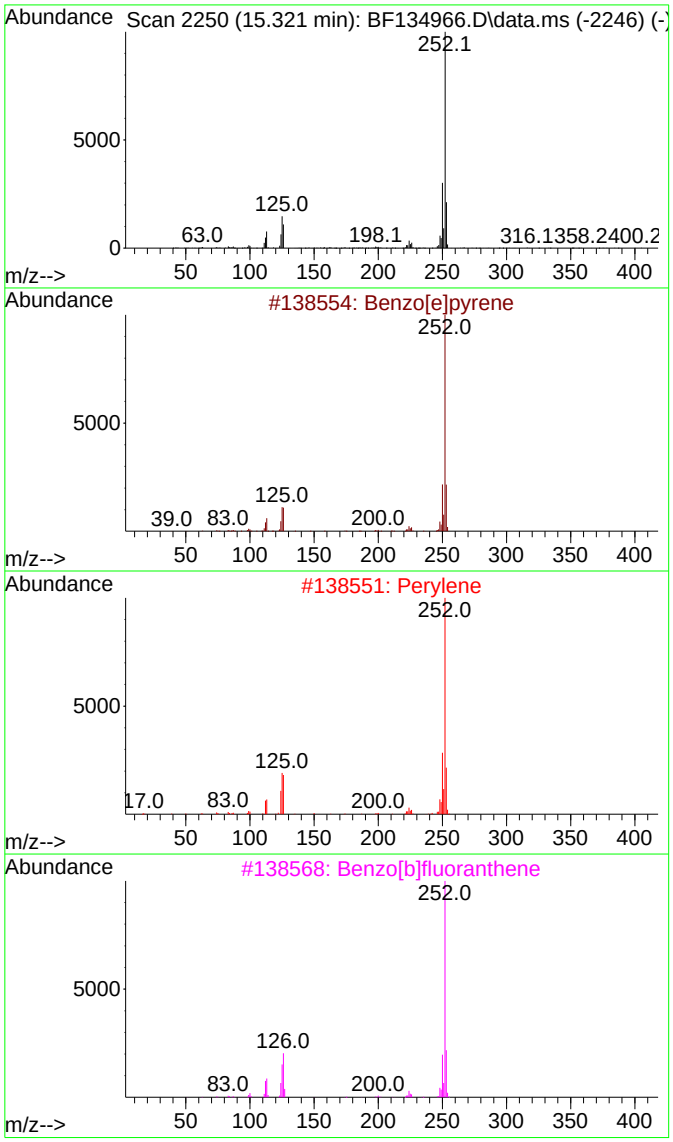
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

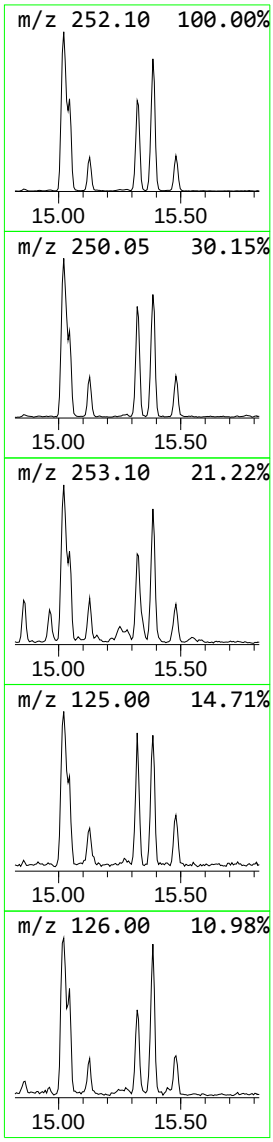
****

Peak Number 17 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	11.82 ng	448483	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
328

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

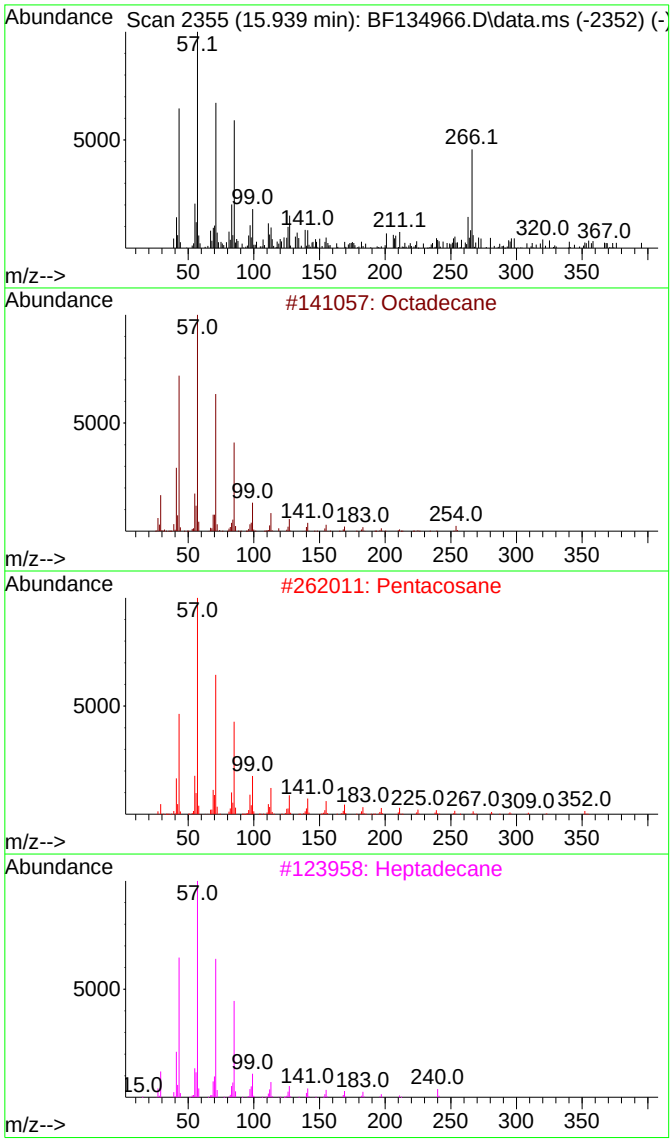
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

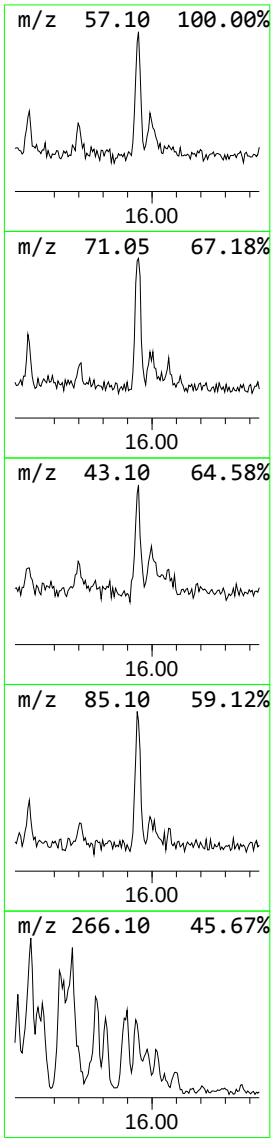
****

Peak Number 18 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.939	2.29 ng	87010	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	64
2	Pentacosane	352	C25H52	000629-99-2	50
3	Heptadecane	240	C17H36	000629-78-7	50
4	Heneicosane	296	C21H44	000629-94-7	50
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1010115-66-1	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134966.D
Acq On : 28 Aug 2023 13:51
Operator : CG\JU
Sample : 04135-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
328

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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
Ethanol, 2-(2-e...	6.616	3.2	ng	101940	1	6.787	645661	20.0
2,4,7,9-Tetrame...	9.263	4.7	ng	226061	3	9.828	953359	20.0
Phenanthrene, 2...	11.822	3.5	ng	183224	4	11.322	1058730	20.0
1H-Cyclopropa[l...	11.851	10.7	ng	567258	4	11.322	1058730	20.0
Anthracene, 9-m...	11.898	2.0	ng	106309	4	11.322	1058730	20.0
4H-Cyclopenta[d...	11.933	5.4	ng	285905	4	11.322	1058730	20.0
Naphthalene, 2-...	12.121	2.0	ng	105889	4	11.322	1058730	20.0
Phenanthrene, 2...	12.374	2.4	ng	128185	4	11.322	1058730	20.0
Cyclopenta(def)...	12.463	2.0	ng	108760	4	11.322	1058730	20.0
Octadecanoic acid	12.645	2.4	ng	126466	4	11.322	1058730	20.0
Pyrene, 1-methyl-	12.992	2.2	ng	176467	5	13.974	1590730	20.0
Pyrene, 2-methyl-	13.204	2.2	ng	175086	5	13.974	1590730	20.0
Benzo[b]naphtho...	13.721	2.0	ng	162906	5	13.974	1590730	20.0
7H-Benz[de]anth...	13.821	3.9	ng	306389	5	13.974	1590730	20.0
Eicosane	15.110	2.6	ng	98361	6	15.451	758663	20.0
Perylene	15.127	6.1	ng	230351	6	15.451	758663	20.0
Benzo[e]pyrene	15.321	11.8	ng	448483	6	15.451	758663	20.0
Octadecane	15.939	2.3	ng	87010	6	15.451	758663	20.0