LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
Data File : BF134827.D
Acq On : 17 Aug 2023 20:33
Operator : CG\JU
Sample : 04046-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(0-5)

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134827.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.422	563	567	571	rBV	2386119	2194362	92.51%	8.305%
2	6.428	733	738	741	rBV	2370484	2188405	92.25%	8.282%
3	6.622	768	771	776	rBV3	25605	30569	1.29%	0.116%
4	6.792	796	800	803	rBV	1142766	850857	35.87%	3.220%
5	7.351	890	895	898	rBV	1622161	1414901	59.65%	5.355%
6	8.069	1013	1017	1020	rBV	1341944	1158890	48.85%	4.386%
7	8.092	1020	1021	1025	rVB	173330	86469	3.65%	0.327%
8	9.145	1196	1200	1203	rBV	2775853	2372145	100.00%	8.977%
9	9.263	1216	1220	1224	rVB2	31775	32398	1.37%	0.123%
10	9.686	1288	1292	1295	rVB	46642	37324	1.57%	0.141%
11	9.828	1309	1316	1319	rBV	1266901	1158437	48.83%	4.384%
12	10.027	1347	1350	1354	rBV2	24391	26957	1.14%	0.102%
13	10.616	1446	1450	1453	rBV	1549701	1339377	56.46%	5.069%
14	10.739	1468	1471	1475	rVB2	24979	26995	1.14%	0.102%
15	11.316	1565	1569	1571	rBV	1176894	988189	41.66%	3.740%
16	11.339	1571	1573	1576	rVV	263163	209043	8.81%	0.791%
17	11.386	1579	1581	1585	rVB	66699	58995	2.49%	0.223%
18	11.716	1633	1637	1644	rVB4	15265	27438	1.16%	0.104%
19	11.816	1651	1654	1657	rBV	66186	69525	2.93%	0.263%
20	11.851	1657	1660	1664	rVV	266417	279137	11.77%	1.056%
21	11.892	1664	1667	1670	rVV2	49265	56629	2.39%	0.214%
22	11.927	1670	1673	1676	rVV	125794	148429	6.26%	0.562%
23	11.951	1676	1677	1682	rVB	77653	53490	2.25%	0.202%
24	12.116	1702	1705	1707	rBV	55175	47841	2.02%	0.181%
25	12.139	1707	1709	1715	rVB4	36167	38505	1.62%	0.146%
26	12.369	1745	1748	1751	rBV	98669	106256	4.48%	0.402%
27	12.404	1751	1754	1756	rVV3	66177	82890	3.49%	0.314%
28	12.427	1756	1758	1760	rVB	51424	39911	1.68%	0.151%
29	12.451	1760	1762	1767	rBV3	62922	75352	3.18%	0.285%
30	12.533	1772	1776	1779	rBV	541883	505228	21.30%	1.912%
31	12.633	1790	1793	1796	rBV3	34284	49211	2.07%	0.186%
32	12.763	1809	1815	1817	rBV	686520	692583	29.20%	2.621%
33	12.821	1821	1825	1828	rVB3	39960	56827	2.40%	0.215%
34	12.880	1832	1835	1836	rBV2	33242	29993	1.26%	0.114%
35	12.910	1836	1840	1843	rVV	2034989	1729337	72.90%	6.545%
36	12.980	1847	1852	1856	rBV3	82661	123605	5.21%	0.468%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
Data File : BF134827.D
Acq On : 17 Aug 2023 20:33
Operator : CG\JU
Sample : 04046-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(0-5)

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.074	1864	1868	1869	rBV3	61313	88531	3.73%	0.335%
38	13.157	1879	1882	1884	rVB2	47908	53790	2.27%	0.204%
39	13.192	1884	1888	1891	rBV	120132	125124	5.27%	0.474%
40	13.286	1901	1904	1907	rVB	96966	76455	3.22%	0.289%
41	13.316	1907	1909	1913	rBV	92644	77924	3.28%	0.295%
42	13.398	1921	1923	1928	rVB4	21978	29538	1.25%	0.112%
43	13.492	1937	1939	1942	rBV4	34638	27758	1.17%	0.105%
44	13.598	1954	1957	1962	rVB	86970	92525	3.90%	0.350%
45	13.710	1972	1976	1979	rBV2	92563	128717	5.43%	0.487%
46	13.739	1979	1981	1983	rVV	84696	70036	2.95%	0.265%
47	13.763	1983	1985	1990	rVV2	61292	83614	3.52%	0.316%
48	13.815	1990	1994	2001	rVB2	144762	237737	10.02%	0.900%
49	13.963	2014	2019	2022	rBV2	1111884	1426260	60.13%	5.398%
50	13.992	2022	2024	2030	rVB	450025	397372	16.75%	1.504%
51	14.051	2032	2034	2035	rBV	34461	28868	1.22%	0.109%
52	14.068	2035	2037	2039	rVB	50854	38531	1.62%	0.146%
53	14.145	2048	2050	2054	rVB3	48432	49486	2.09%	0.187%
54	14.221	2061	2063	2065	rVB	42560	30975	1.31%	0.117%
55	14.286	2070	2074	2077	rBV3	31426	41042	1.73%	0.155%
56	14.315	2077	2079	2081	rBV2	44232	43096	1.82%	0.163%
57	14.351	2081	2085	2089	rVV	154573	166546	7.02%	0.630%
58	14.386	2089	2091	2094	rVB	95332	75836	3.20%	0.287%
59	14.421	2095	2097	2099	rBV	32591	32061	1.35%	0.121%
60	14.445	2099	2101	2104	rVB3	78831	67084	2.83%	0.254%
61	14.474	2104	2106	2109	rBV	66617	67958	2.86%	0.257%
62	14.551	2117	2119	2125	rVB2	54891	61021	2.57%	0.231%
63	14.604	2125	2128	2133	rBV3	32851	44500	1.88%	0.168%
64	14.686	2140	2142	2147	rVB4	31969	40633	1.71%	0.154%
65	14.739	2148	2151	2153	rBV2	80540	87815	3.70%	0.332%
66	14.833	2163	2167	2172	rBV4	80176	130015	5.48%	0.492%
67	14.910	2178	2180	2185	rBV	41294	44224	1.86%	0.167%
68	15.004	2192	2196	2200	rBV	503563	801296	33.78%	3.032%
69	15.115	2211	2215	2218	rVB	109718	127575	5.38%	0.483%
70	15.310	2243	2248	2254	rVB	345387	454574	19.16%	1.720%
71	15.368	2254	2258	2264	rVB	464712	594467	25.06%	2.250%
72	15.439	2264	2270	2273	rBV	832758	1076781	45.39%	4.075%
73	15.462	2273	2274	2277	rVB	81212	69701	2.94%	0.264%
74	16.915	2515	2521	2530	rVB2	256564	512249	21.59%	1.939%
75	17.368	2591	2598	2610	rVB	204589	435466	18.36%	1.648%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
Data File : BF134827.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(0-5)

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

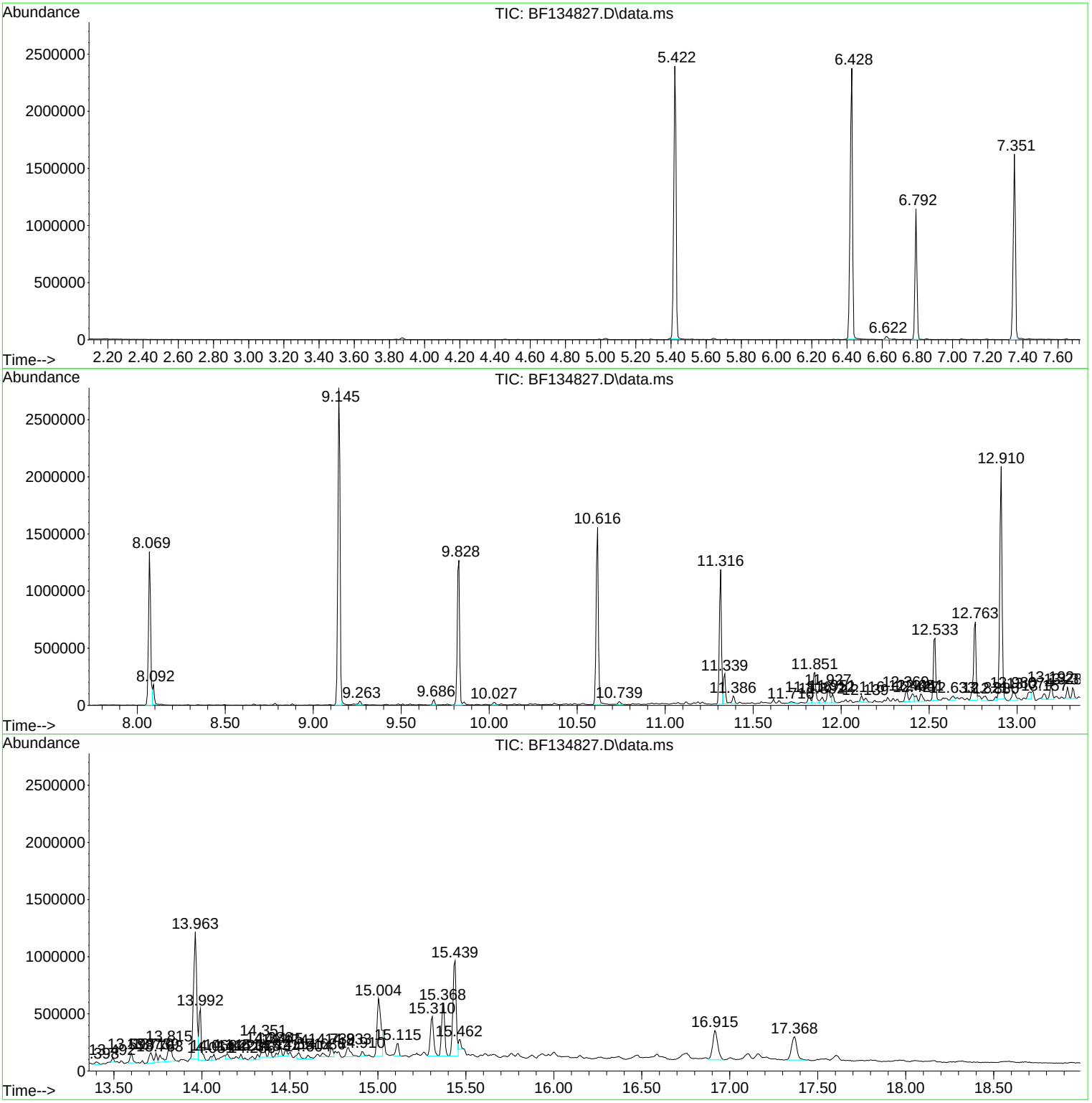
Sum of corrected areas: 26423681

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
Data File : BF134827.D
Acq On : 17 Aug 2023 20:33
Operator : CG\JU
Sample : 04046-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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\BF081723\
Data File : BF134827.D
Acq On : 17 Aug 2023 20:33
Operator : CG\JU
Sample : 04046-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

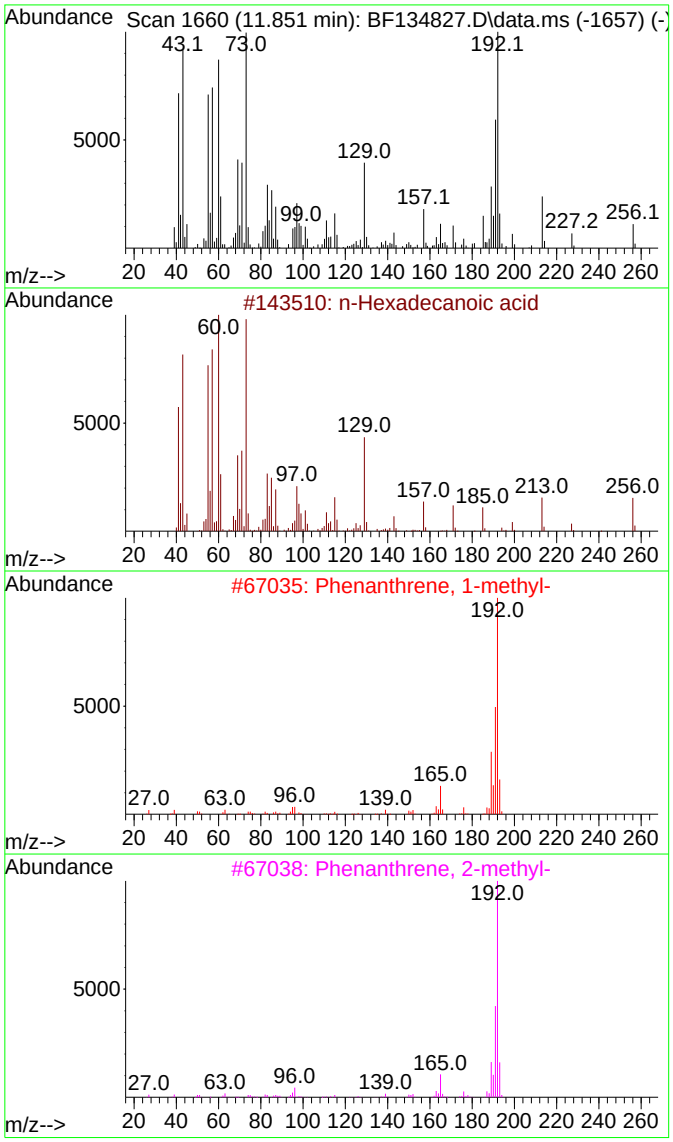
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

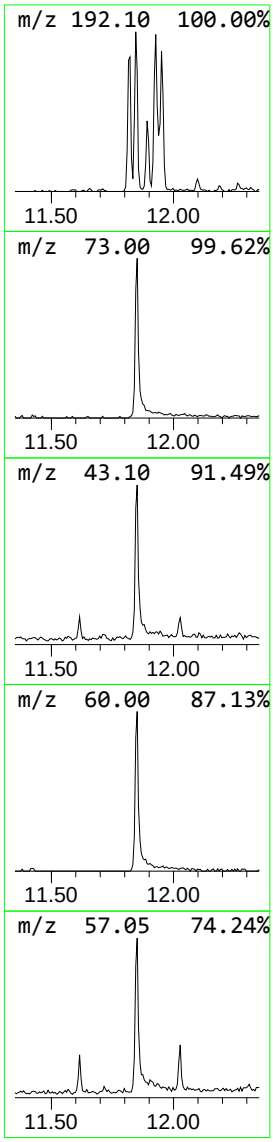
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	5.65 ng	279137	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
Data File : BF134827.D
Acq On : 17 Aug 2023 20:33
Operator : CG\JU
Sample : 04046-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

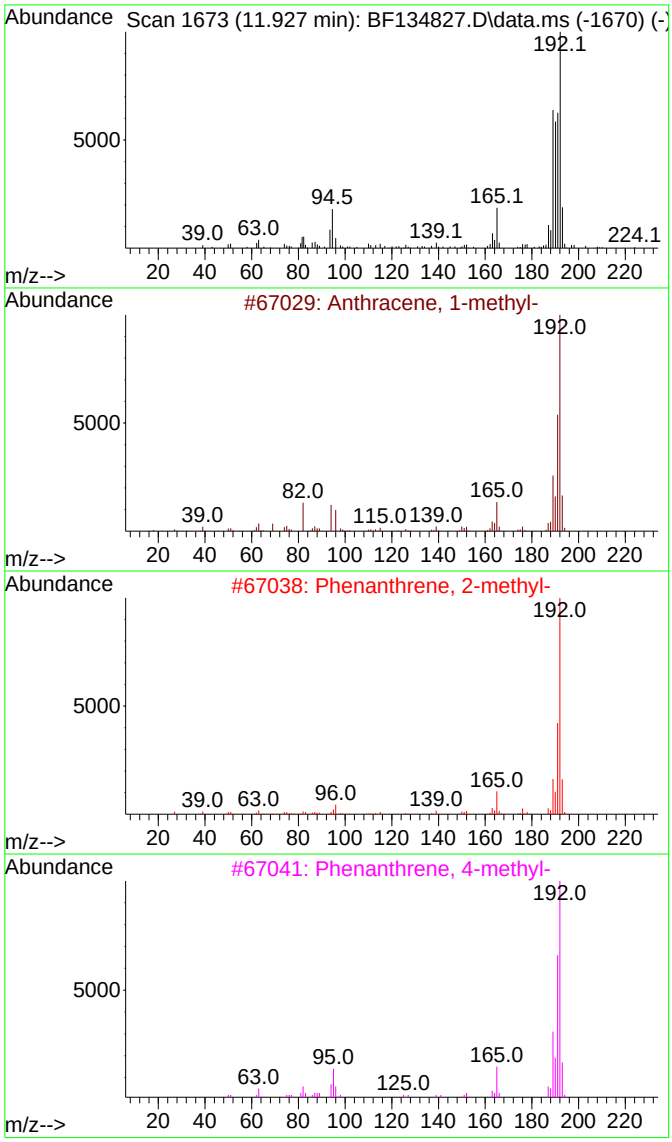
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

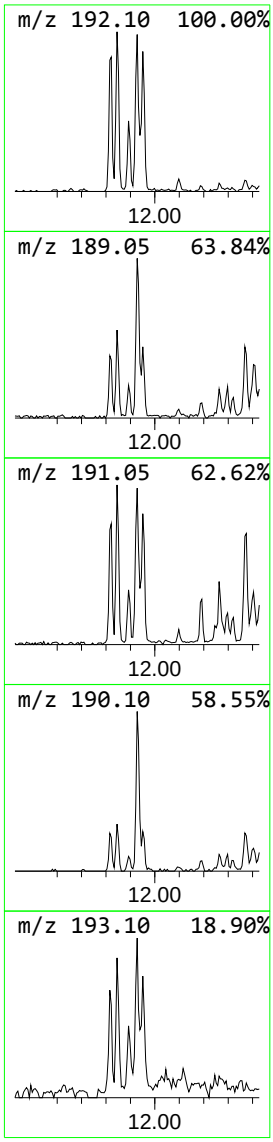
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	3.00 ng	148429	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	60
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
Data File : BF134827.D
Acq On : 17 Aug 2023 20:33
Operator : CG\JU
Sample : 04046-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

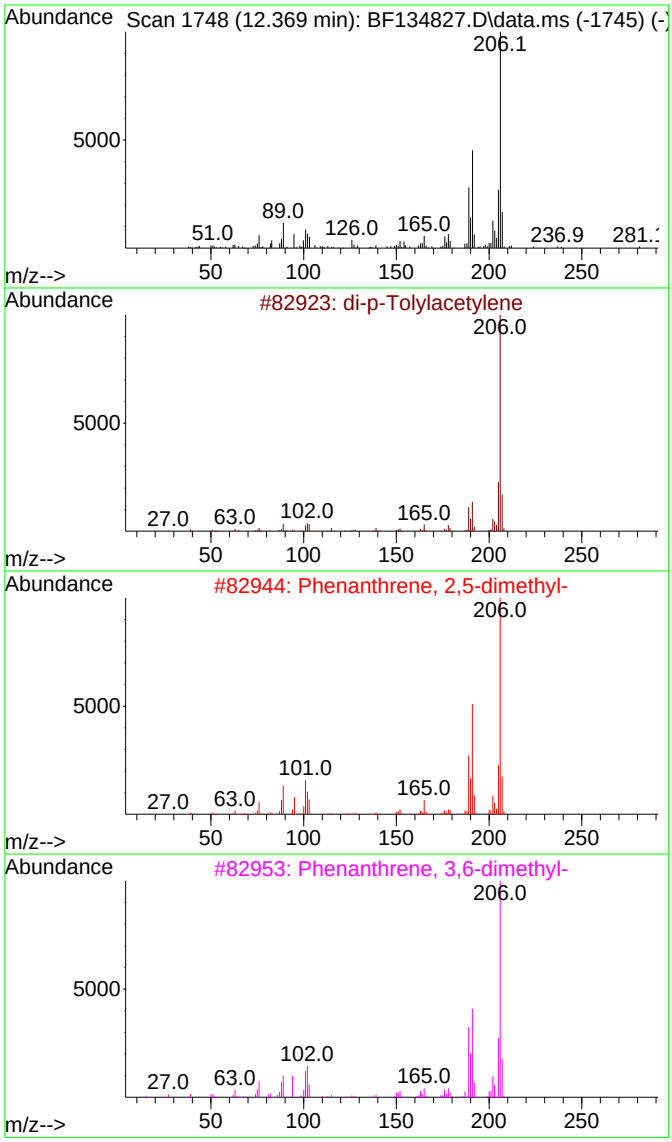
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

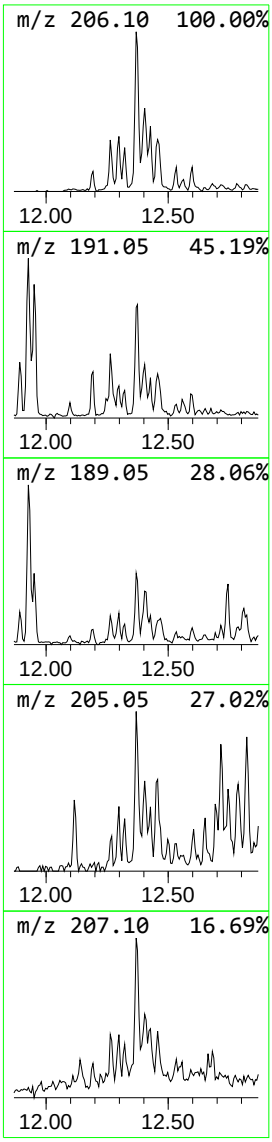
****

Peak Number 3 di-p-Tolylacetylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.368	2.15 ng	106256	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
Data File : BF134827.D
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Operator : CG\JU
Sample : 04046-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

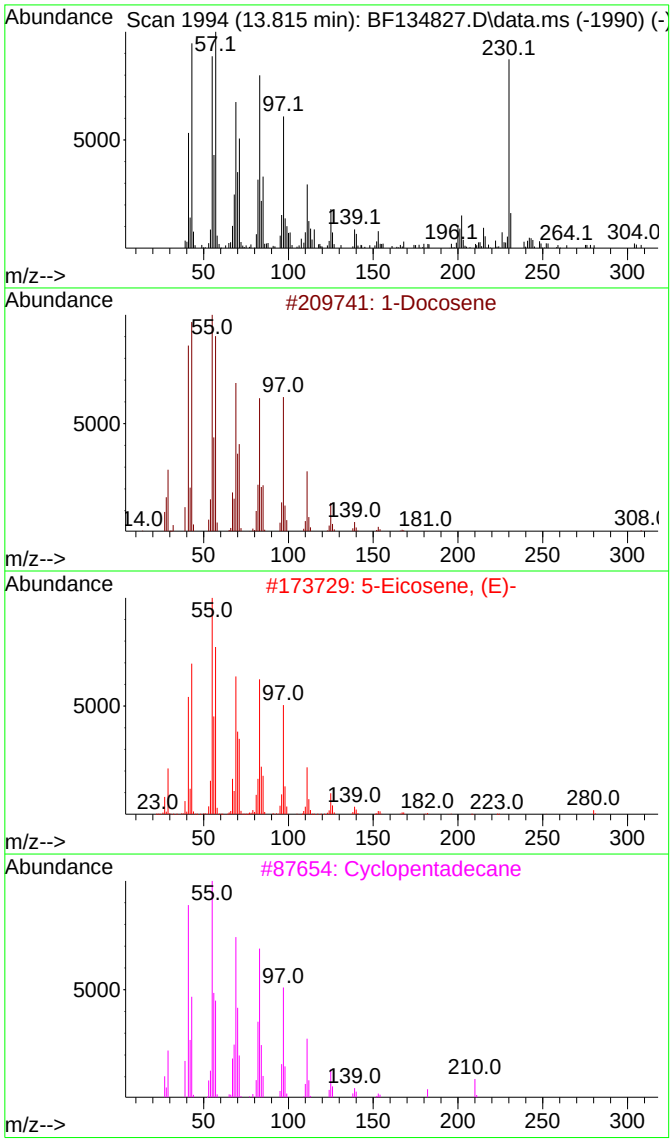
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

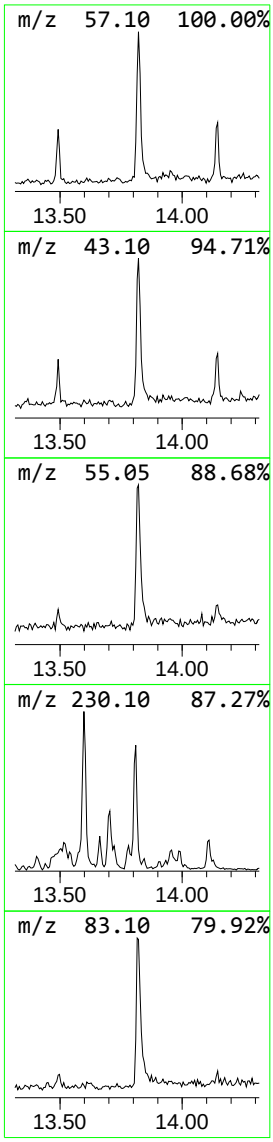
****

Peak Number 4 1-Docosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	3.33 ng	237737	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
3	Cyclopentadecane	210	C15H30	000295-48-7	90
4	1-Octadecene	252	C18H36	000112-88-9	90
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90





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Operator : CG\JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

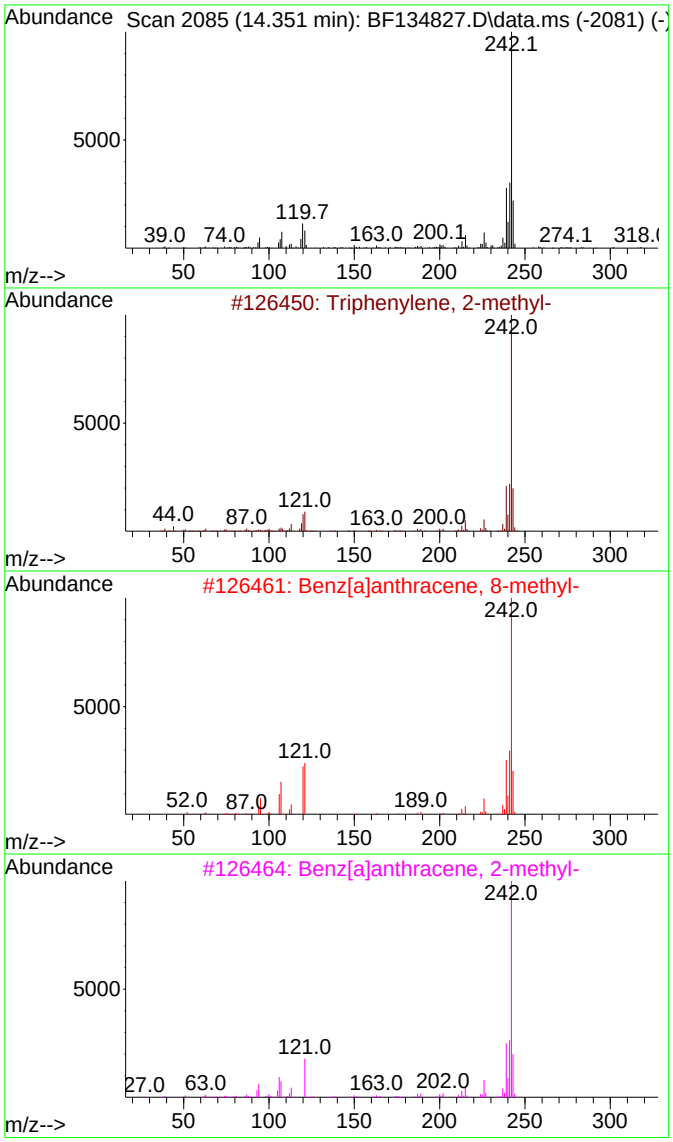
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

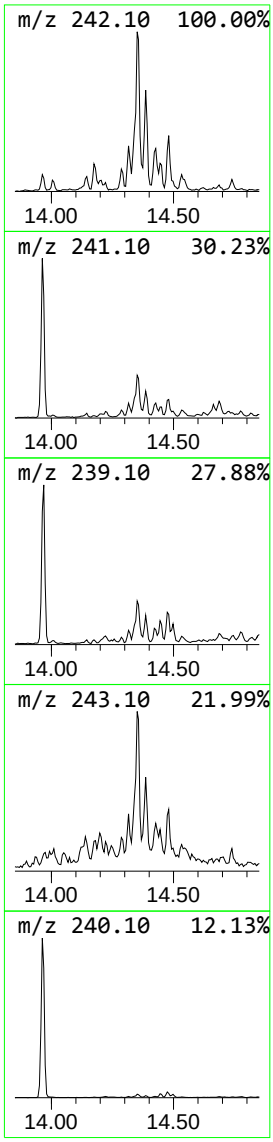
****

Peak Number 5 Triphenylene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.351	2.34 ng	166546	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	98
2	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	96
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	96
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
5	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
Data File : BF134827.D
Acq On : 17 Aug 2023 20:33
Operator : CG\JU
Sample : 04046-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(0-5)

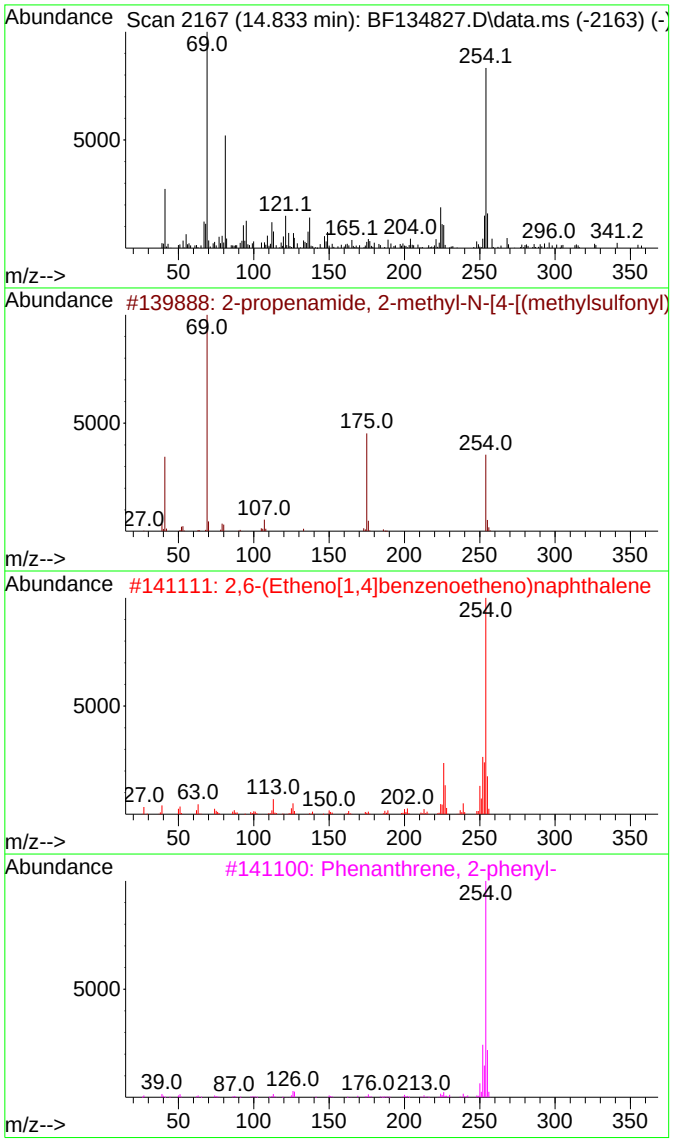
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

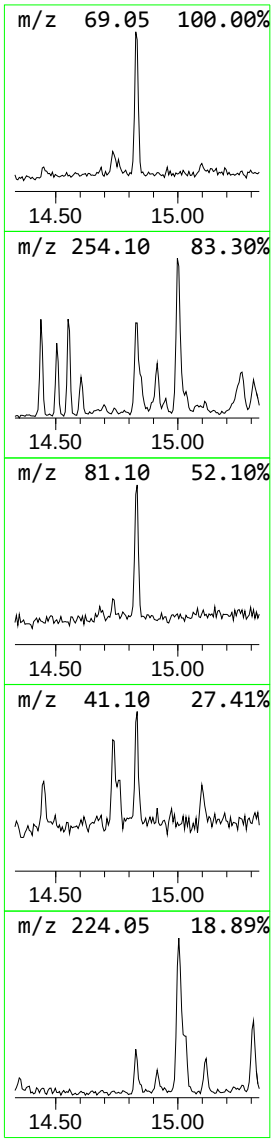
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-propenamide, 2-methyl-N-[... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.833	2.41 ng	130015	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-propenamide, 2-methyl-N-[4-[(m...	254	C11H14N2O3S	1000401-43-5	59
2	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	38
3	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	38
4	3-Phenylthio-2H-chromen-2-one	254	C15H10O2S	072167-95-4	38
5	Benzofuran-6-ol-3-one, 2-[4-hydr...	254	C15H10O4	1000128-64-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
Data File : BF134827.D
Acq On : 17 Aug 2023 20:33
Operator : CG\JU
Sample : 04046-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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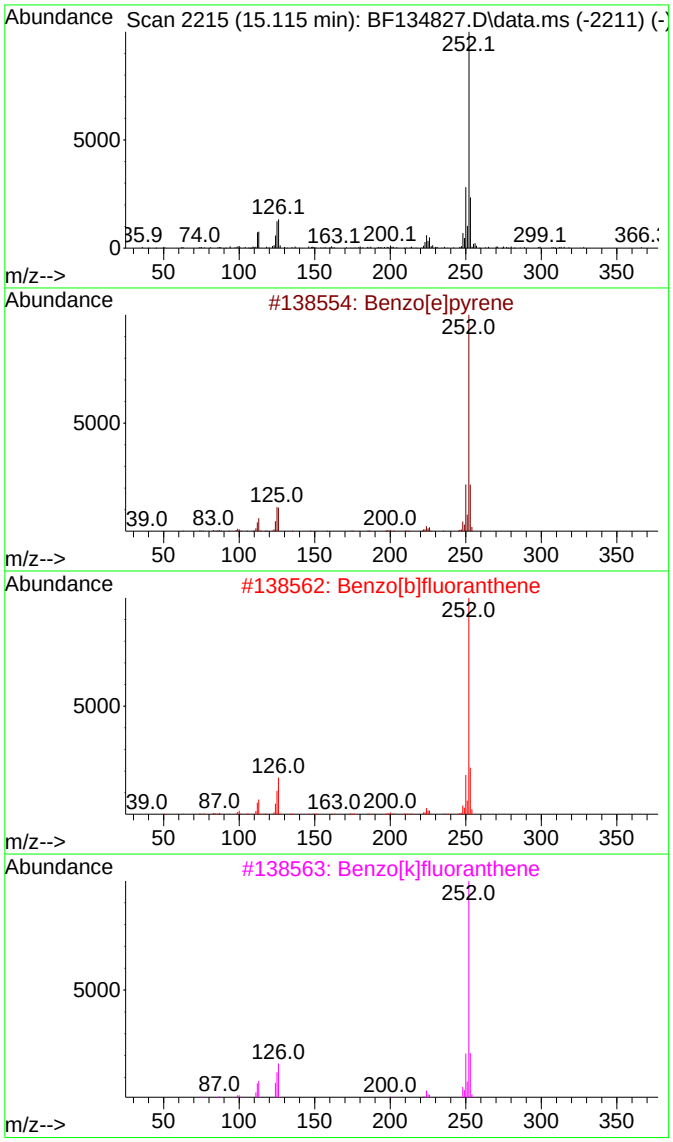
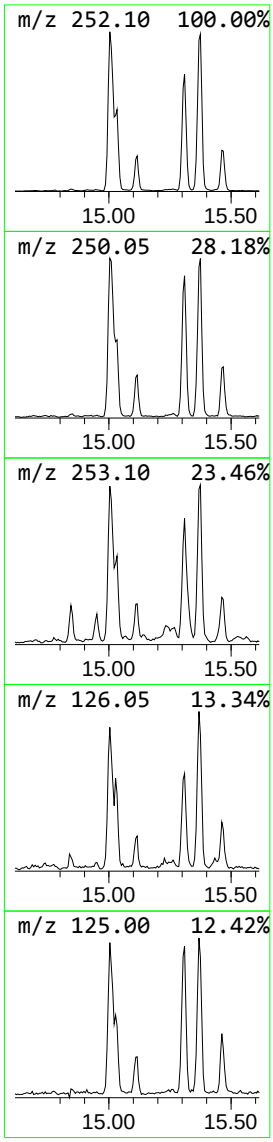
Peak Number 7 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.115	2.37 ng	127575	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
Data File : BF134827.D
Acq On : 17 Aug 2023 20:33
Operator : CG\JU
Sample : 04046-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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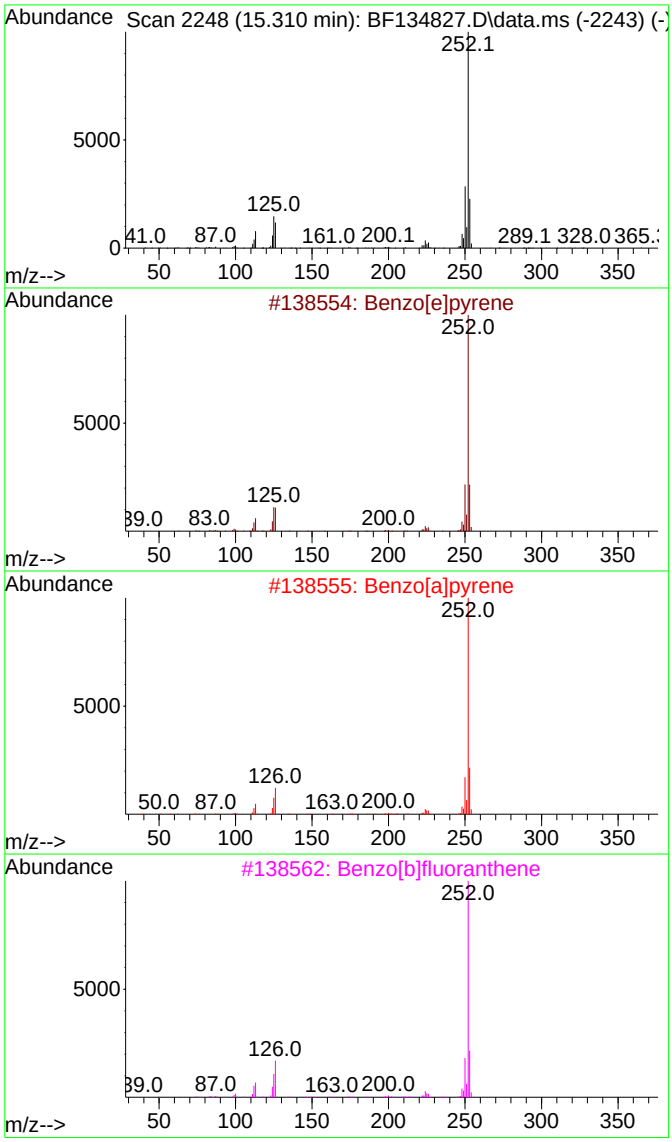
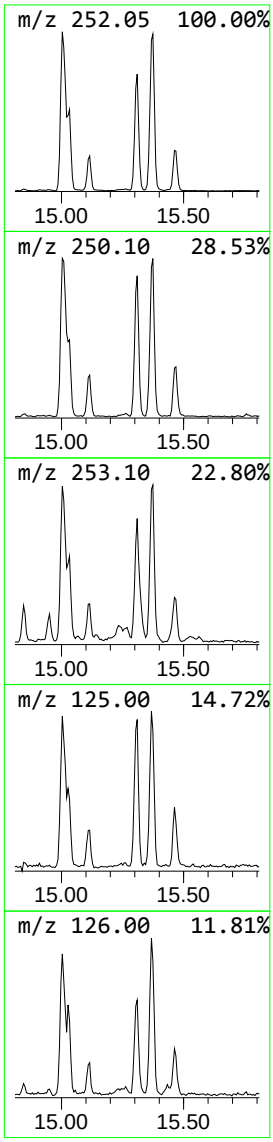
Peak Number 8 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.310	8.44 ng	454574	Perylene-d12	15.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
Data File : BF134827.D
Acq On : 17 Aug 2023 20:33
Operator : CG\JU
Sample : 04046-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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
n-Hexadecanoic ...	11.851	5.7	ng	279137	4	11.316	988189	20.0
Anthracene, 1-m...	11.927	3.0	ng	148429	4	11.316	988189	20.0
di-p-Tolylacety...	12.368	2.1	ng	106256	4	11.316	988189	20.0
1-Docosene	13.816	3.3	ng	237737	5	13.963	1426260	20.0
Triphenylene, 2...	14.351	2.3	ng	166546	5	13.963	1426260	20.0
2-propenamide, ...	14.833	2.4	ng	130015	6	15.439	1076780	20.0
Benzo[e]pyrene	15.115	2.4	ng	127575	6	15.439	1076780	20.0
Benzo[j]fluoran...	15.310	8.4	ng	454574	6	15.439	1076780	20.0