LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130589.D
Acq On : 07 Oct 2022 23:03
Operator : CG\JU
Sample : N5018-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130589.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.781	454	458	469	rBV	356979	451098	22.06%	1.978%
2	5.216	528	532	547	rBV	1565840	1459170	71.35%	6.397%
3	5.616	597	600	605	rVB	25476	24412	1.19%	0.107%
4	6.257	705	709	724	rBV	1566156	1368676	66.93%	6.000%
5	6.610	766	769	773	rBV	521230	416727	20.38%	1.827%
6	7.181	862	866	869	rBV	1046881	883249	43.19%	3.872%
7	7.892	984	987	994	rBV	626751	503535	24.62%	2.208%
8	8.969	1166	1170	1173	rBV	1959230	1504739	73.58%	6.597%
9	9.504	1257	1261	1267	rVB	66649	52697	2.58%	0.231%
10	9.639	1280	1284	1288	rBV	595257	499744	24.44%	2.191%
11	9.845	1315	1319	1323	rBV	26145	23479	1.15%	0.103%
12	10.186	1374	1377	1383	rVB	46779	40318	1.97%	0.177%
13	10.428	1414	1418	1429	rBV	1157696	974755	47.66%	4.273%
14	10.733	1464	1470	1473	rBV3	17084	23634	1.16%	0.104%
15	10.933	1501	1504	1507	rVB	31204	26865	1.31%	0.118%
16	10.975	1507	1511	1516	rVV4	13876	22290	1.09%	0.098%
17	11.022	1516	1519	1526	rVB	29280	30752	1.50%	0.135%
18	11.122	1532	1536	1538	rBV	638167	513687	25.12%	2.252%
19	11.145	1538	1540	1543	rVV	732828	538695	26.34%	2.362%
20	11.198	1543	1549	1552	rVB	105028	93816	4.59%	0.411%
21	11.357	1571	1576	1584	rBV2	48298	59355	2.90%	0.260%
22	11.422	1584	1587	1589	rVV	23741	20491	1.00%	0.090%
23	11.451	1589	1592	1598	rVV3	26299	35306	1.73%	0.155%
24	11.533	1601	1606	1610	rVB3	18558	29160	1.43%	0.128%
25	11.622	1618	1621	1623	rBV	143330	113071	5.53%	0.496%
26	11.651	1623	1626	1631	rVV	177932	202876	9.92%	0.889%
27	11.698	1631	1634	1636	rVV	41945	41048	2.01%	0.180%
28	11.733	1636	1640	1642	rVV	189627	199138	9.74%	0.873%
29	11.757	1642	1644	1650	rVB	114929	93321	4.56%	0.409%
30	11.916	1669	1671	1674	rBV	84843	79866	3.91%	0.350%
31	11.945	1674	1676	1680	rVB	97361	81119	3.97%	0.356%
32	12.069	1694	1697	1699	rBV2	27037	23840	1.17%	0.105%
33	12.098	1699	1702	1704	rVB	33074	28288	1.38%	0.124%
34	12.169	1710	1714	1717	rBV	94947	98254	4.80%	0.431%
35	12.204	1717	1720	1722	rVV3	55837	64000	3.13%	0.281%
36	12.227	1722	1724	1726	rVB	39432	28552	1.40%	0.125%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130589.D
Acq On : 07 Oct 2022 23:03
Operator : CG\JU
Sample : N5018-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.257	1726	1729	1733	rBV	98632	98632	4.82%	0.432%
38	12.333	1738	1742	1745	rVB	1111974	980281	47.93%	4.298%
39	12.380	1745	1750	1751	rBV2	26887	26193	1.28%	0.115%
40	12.427	1755	1758	1760	rVB	32312	26927	1.32%	0.118%
41	12.469	1760	1765	1771	rBV4	47970	88365	4.32%	0.387%
42	12.557	1774	1780	1783	rBV	1067641	1039060	50.81%	4.555%
43	12.610	1786	1789	1794	rVB2	60189	72984	3.57%	0.320%
44	12.675	1797	1800	1802	rBV	59421	57861	2.83%	0.254%
45	12.710	1802	1806	1812	rVB	1839306	1680057	82.15%	7.365%
46	12.775	1812	1817	1821	rBV3	92084	147472	7.21%	0.647%
47	12.863	1829	1832	1834	rBV4	80187	104600	5.11%	0.459%
48	12.886	1834	1836	1839	rVB	129711	108393	5.30%	0.475%
49	12.951	1843	1847	1850	rVV2	69280	63264	3.09%	0.277%
50	12.986	1850	1853	1856	rVV	138424	137099	6.70%	0.601%
51	13.080	1865	1869	1871	rBV	83639	69793	3.41%	0.306%
52	13.110	1871	1874	1878	rBV	91803	80793	3.95%	0.354%
53	13.286	1897	1904	1906	rBV5	42930	76723	3.75%	0.336%
54	13.310	1906	1908	1910	rVB2	28879	24280	1.19%	0.106%
55	13.392	1919	1922	1927	rVB	150717	134914	6.60%	0.591%
56	13.498	1936	1940	1943	rBV2	125044	142254	6.96%	0.624%
57	13.527	1943	1945	1947	rVV	111993	93431	4.57%	0.410%
58	13.551	1947	1949	1951	rVV	85612	76185	3.73%	0.334%
59	13.604	1955	1958	1963	rVB	164338	151511	7.41%	0.664%
60	13.745	1975	1982	1986	rBV2	1614080	2045083	100.00%	8.966%
61	13.780	1986	1988	1996	rVV	642268	567699	27.76%	2.489%
62	13.857	1999	2001	2003	rVB	61221	46480	2.27%	0.204%
63	13.898	2003	2008	2010	rBV	74512	85641	4.19%	0.375%
64	13.927	2011	2013	2015	rVB3	36031	30653	1.50%	0.134%
65	13.986	2021	2023	2025	rVB	42228	29526	1.44%	0.129%
66	14.010	2025	2027	2030	rBV2	23551	23309	1.14%	0.102%
67	14.069	2035	2037	2040	rBV2	19939	23347	1.14%	0.102%
68	14.104	2040	2043	2044	rBV3	34110	30805	1.51%	0.135%
69	14.139	2044	2049	2052	rVV	131229	145434	7.11%	0.638%
70	14.174	2052	2055	2059	rVV2	79091	99231	4.85%	0.435%
71	14.233	2062	2065	2067	rVV2	66372	72686	3.55%	0.319%
72	14.263	2067	2070	2072	rVV	79394	75242	3.68%	0.330%
73	14.286	2072	2074	2076	rVV2	38773	37053	1.81%	0.162%
74	14.333	2080	2082	2088	rVB	42073	47702	2.33%	0.209%
75	14.386	2089	2091	2094	rBV4	22590	23002	1.12%	0.101%
76	14.521	2110	2114	2117	rBV3	39940	63839	3.12%	0.280%

LSC Area Percent Report

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Operator : CG\JU
Sample : N5018-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.610	2125	2129	2136	rVB5	47986	91925	4.49%	0.403%
78	14.669	2136	2139	2144	rBV4	26162	44202	2.16%	0.194%
79	14.751	2149	2153	2163	rBV	498306	916940	44.84%	4.020%
80	14.827	2163	2166	2167	rVV2	39851	44043	2.15%	0.193%
81	14.851	2167	2170	2173	rVB	73744	75488	3.69%	0.331%
82	14.933	2181	2184	2190	rBV4	34653	68940	3.37%	0.302%
83	15.021	2195	2199	2205	rVB	276242	325940	15.94%	1.429%
84	15.080	2205	2209	2214	rBV	383890	417105	20.40%	1.829%
85	15.139	2214	2219	2221	rVV	419903	501103	24.50%	2.197%
86	15.163	2221	2223	2230	rVB2	136818	163740	8.01%	0.718%
87	15.545	2286	2288	2295	rVB2	34095	51614	2.52%	0.226%
88	15.639	2300	2304	2308	rBV3	29571	41611	2.03%	0.182%
89	16.433	2434	2439	2446	rVB2	132837	235903	11.54%	1.034%
90	16.510	2448	2452	2457	rVB6	31760	56805	2.78%	0.249%
91	16.827	2501	2506	2515	rVB	94344	165638	8.10%	0.726%
92	17.045	2539	2543	2546	rBV2	20099	31286	1.53%	0.137%

Sum of corrected areas: 22810110

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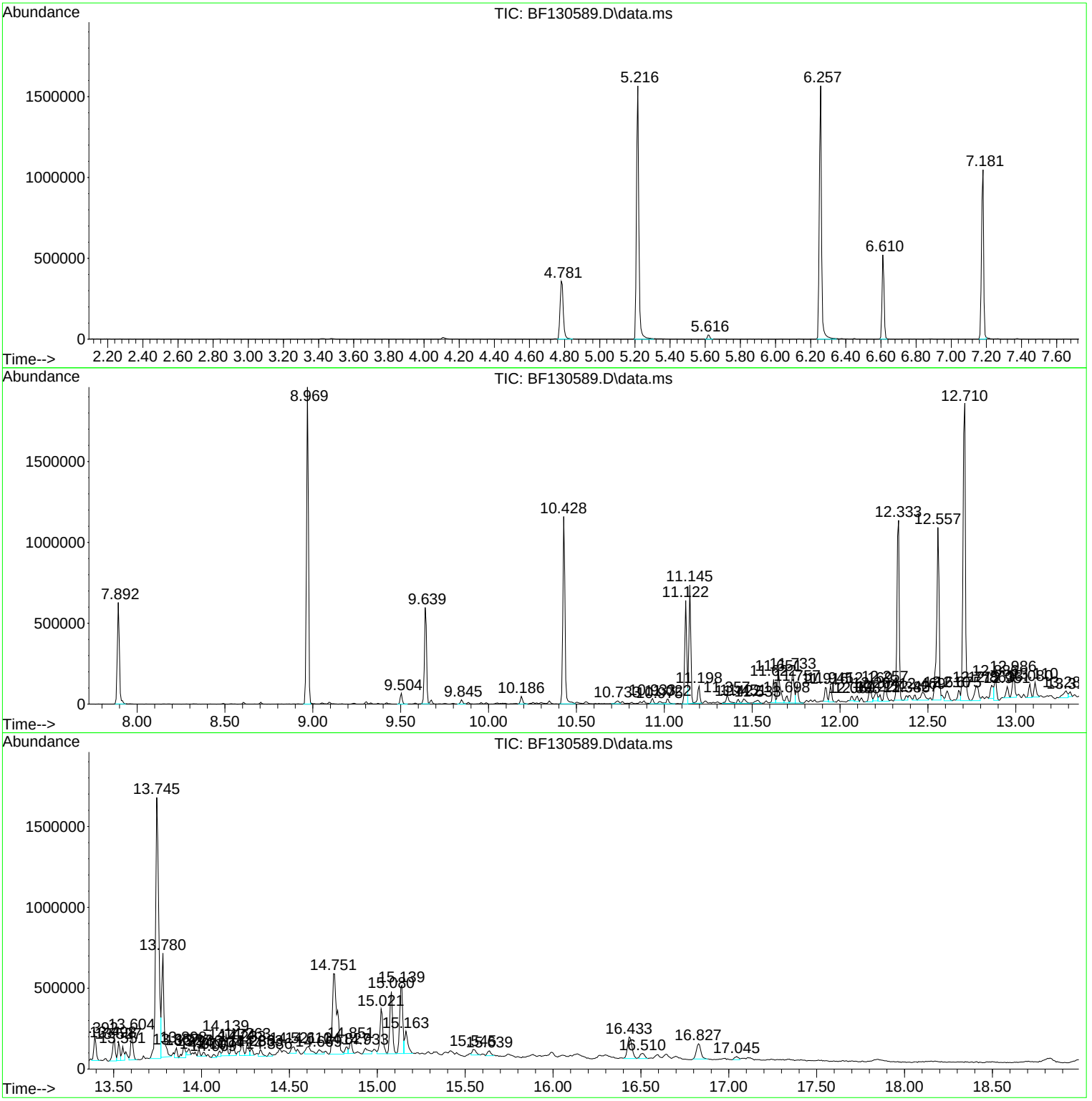
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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\BF100722\
Data File : BF130589.D
Acq On : 07 Oct 2022 23:03
Operator : CG\JU
Sample : N5018-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(0-5)

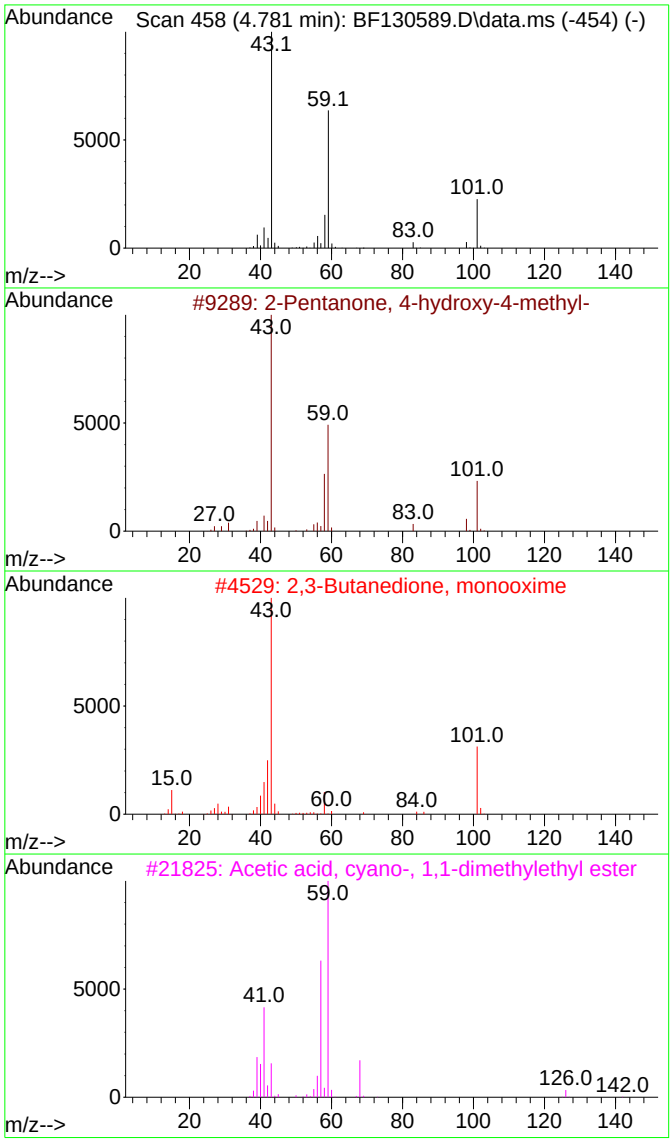
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

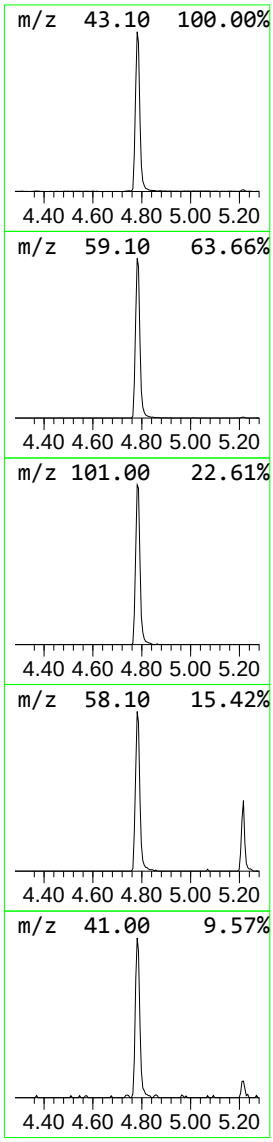
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.781	21.65 ng	451098	1,4-Dichlorobenzene-d4	6.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130589.D
Acq On : 07 Oct 2022 23:03
Operator : CG\JU
Sample : N5018-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

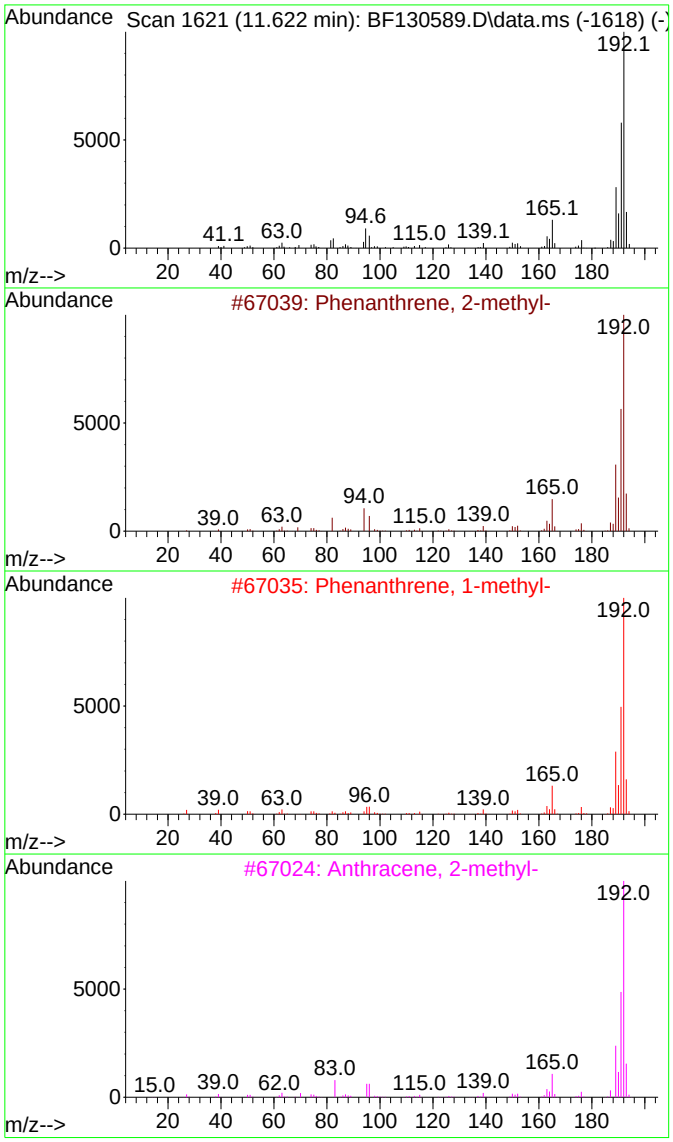
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

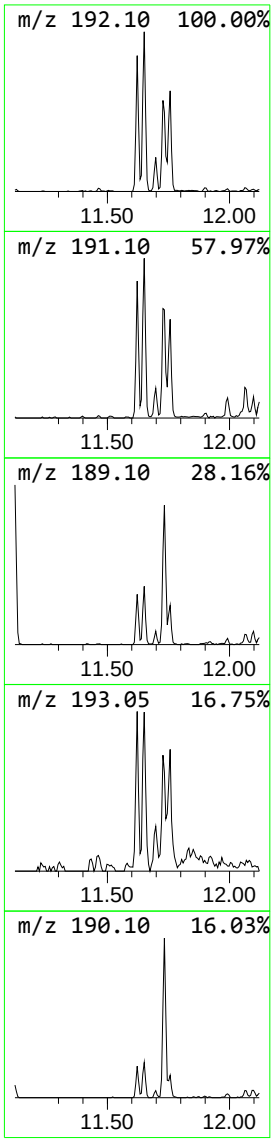
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.622	4.40 ng	113071	Phenanthrene-d10	11.122

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	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
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Instrument :
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SASP2-T-3-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

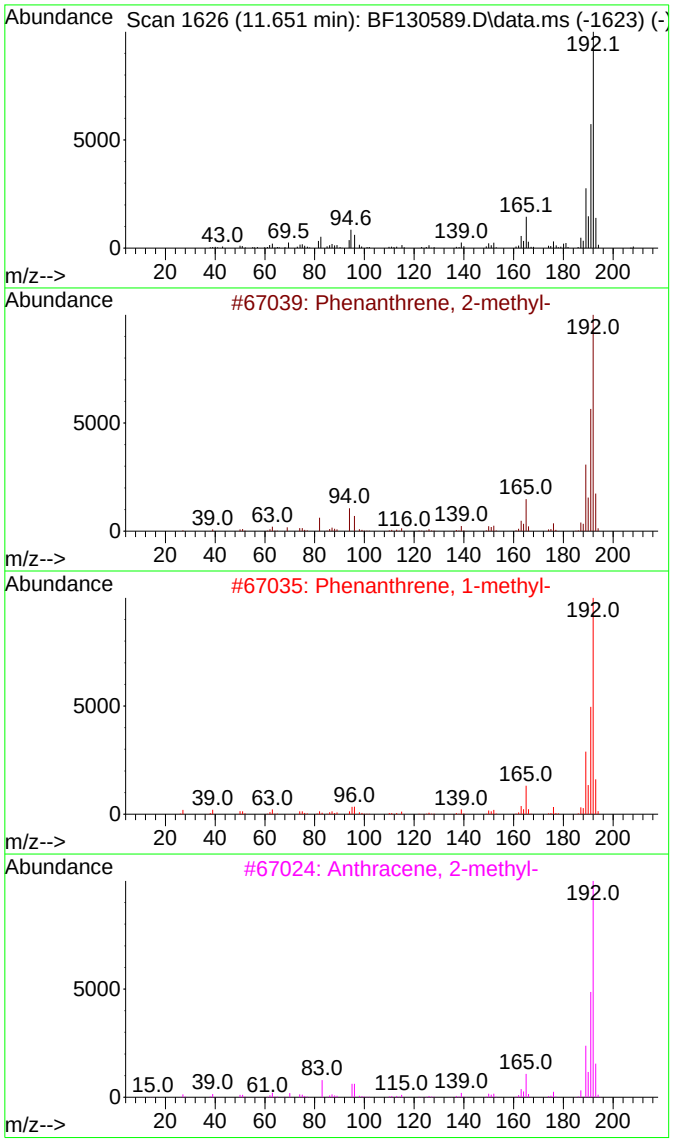
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

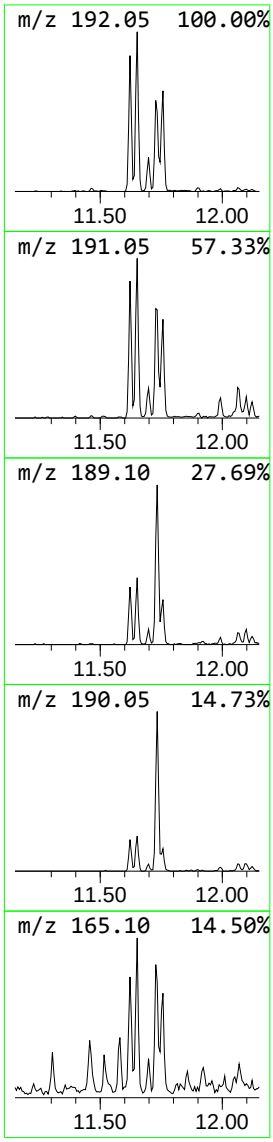
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.651	7.90 ng	202876	Phenanthrene-d10	11.122

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130589.D
Acq On : 07 Oct 2022 23:03
Operator : CG\JU
Sample : N5018-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(0-5)

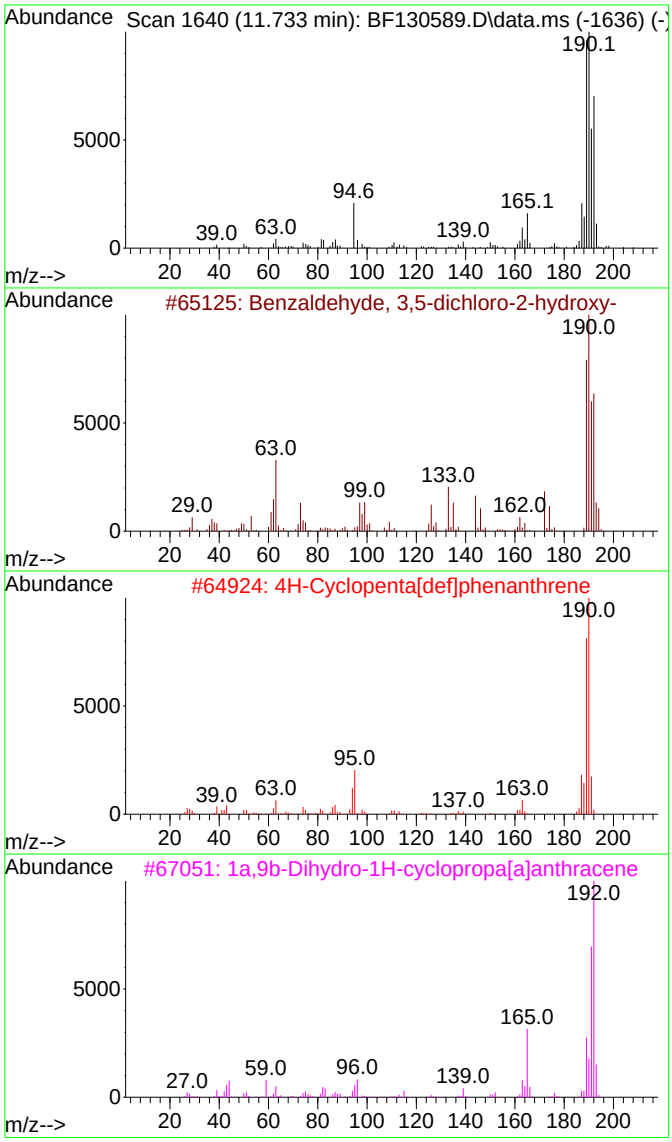
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

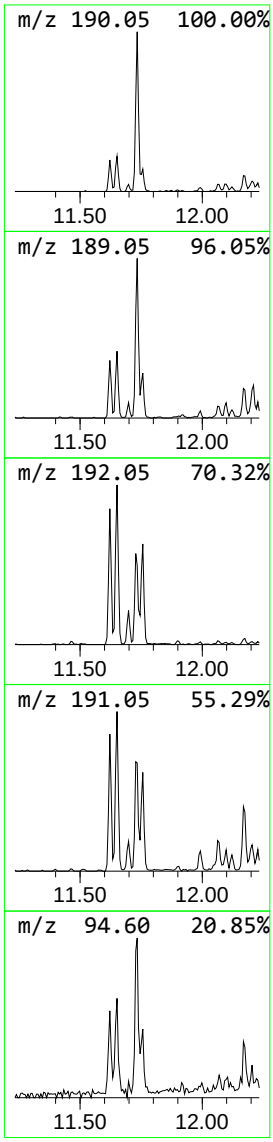
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.733	7.75 ng	199138	Phenanthrene-d10	11.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	38
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	35
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130589.D
Acq On : 07 Oct 2022 23:03
Operator : CG\JU
Sample : N5018-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(0-5)

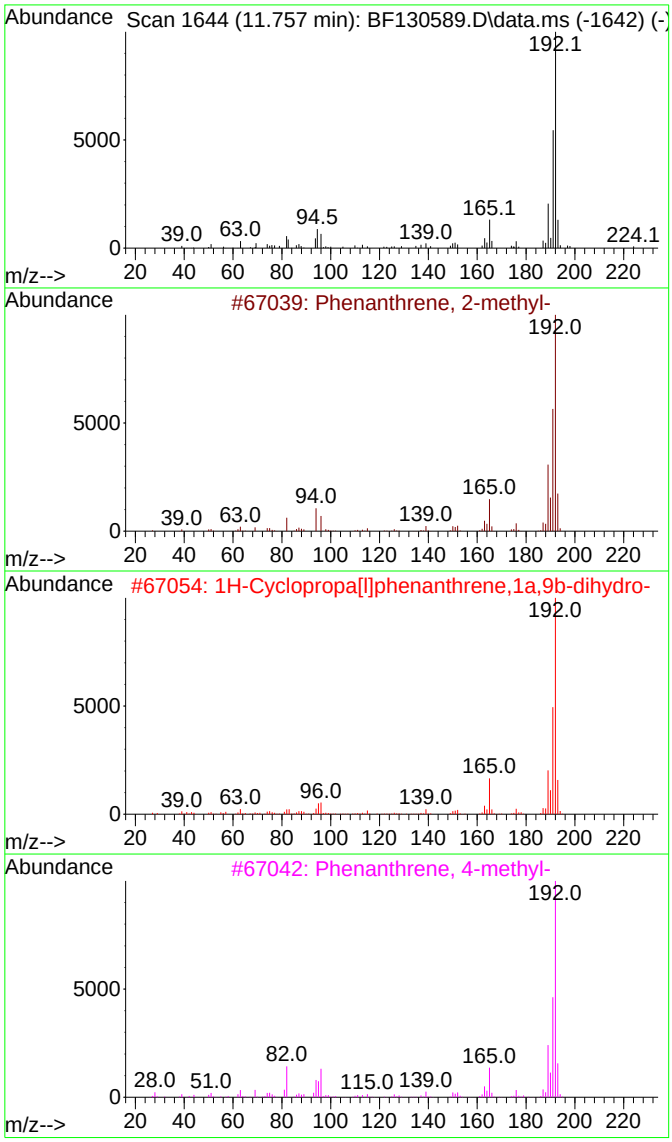
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

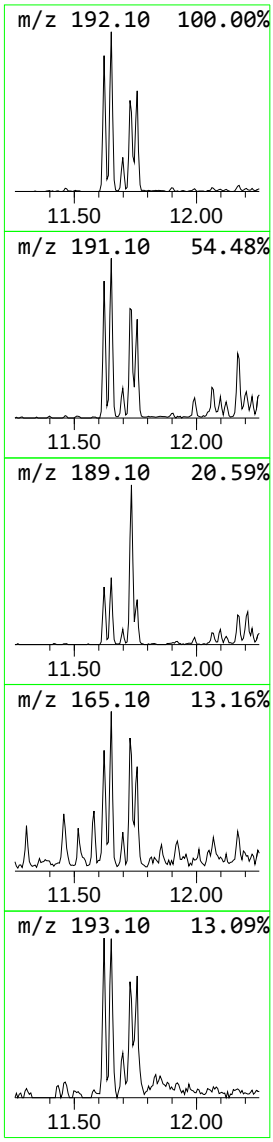
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.757	3.63 ng	93321	Phenanthrene-d10	11.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130589.D
Acq On : 07 Oct 2022 23:03
Operator : CG\JU
Sample : N5018-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

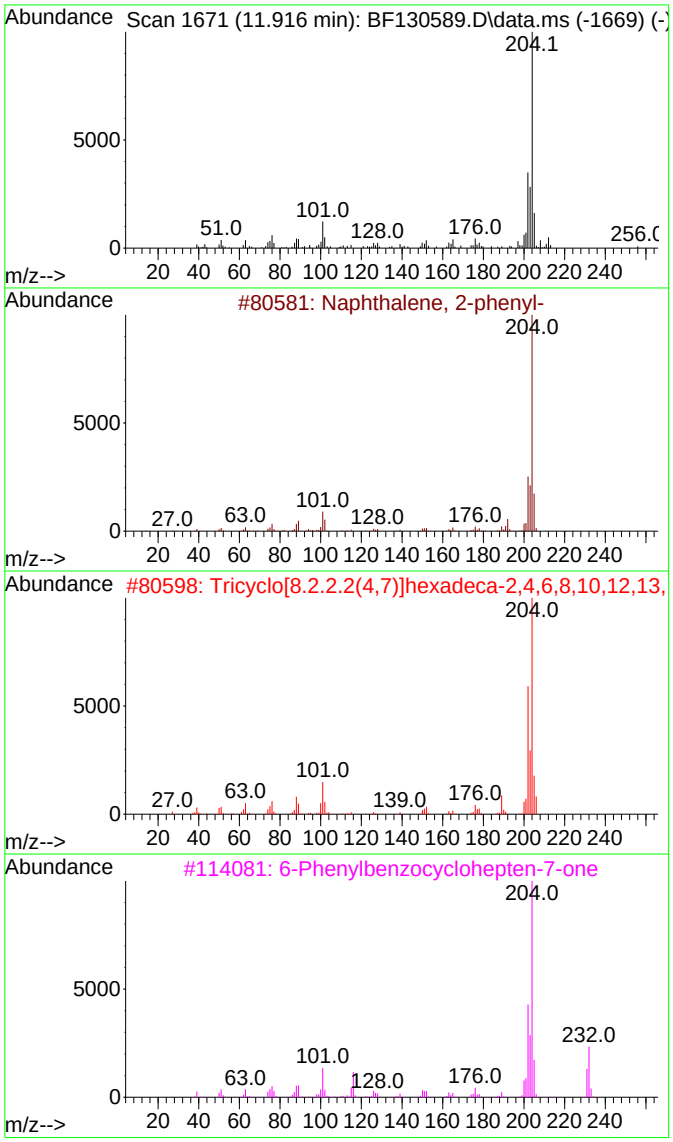
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

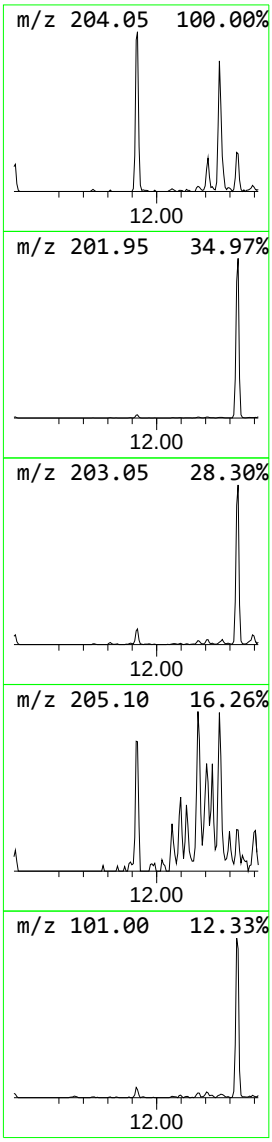
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	3.11 ng	79866	Phenanthrene-d10	11.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	87
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70





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Operator : CG\JU
Sample : N5018-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
SASP2-T-3-(0-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

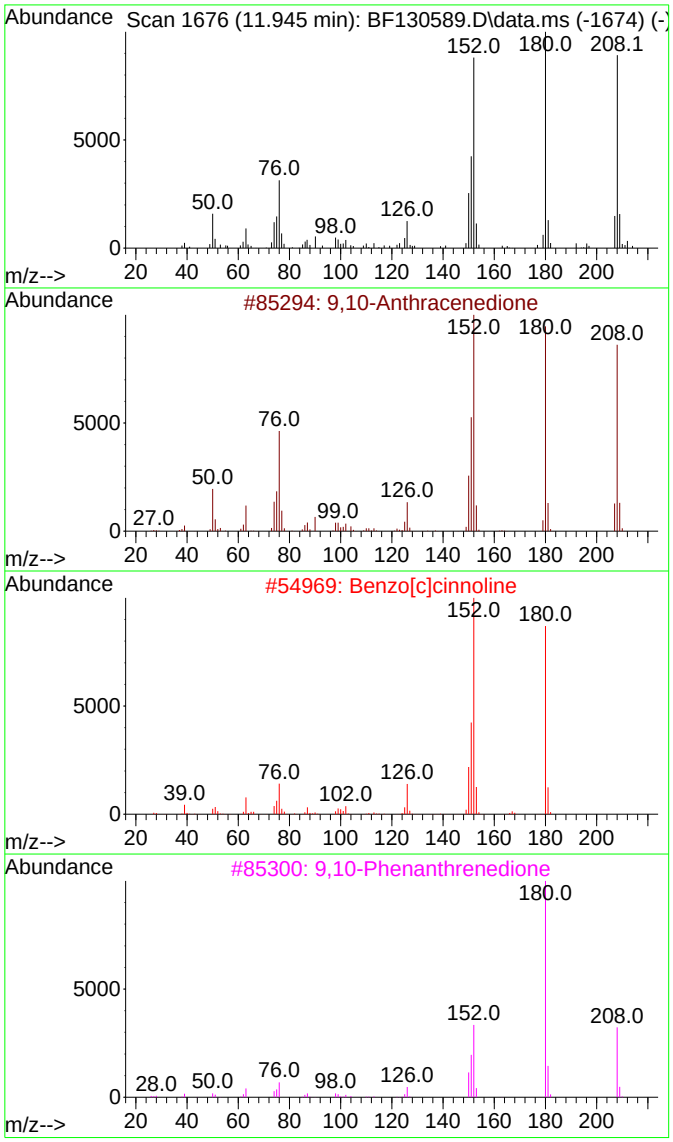
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

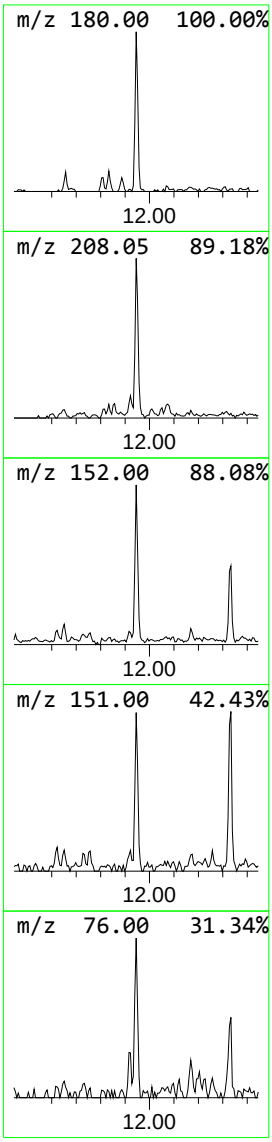
****

Peak Number 8 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	3.16 ng	81119	Phenanthrene-d10	11.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	92
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	78
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	64





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ALS Vial : 16 Sample Multiplier: 1

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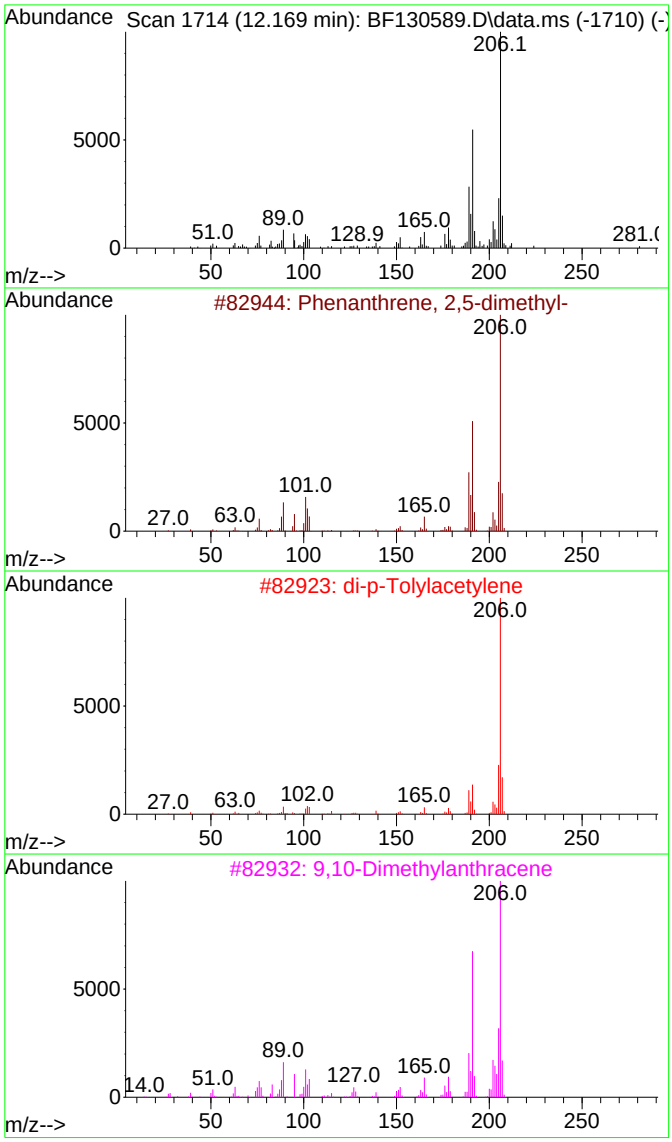
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

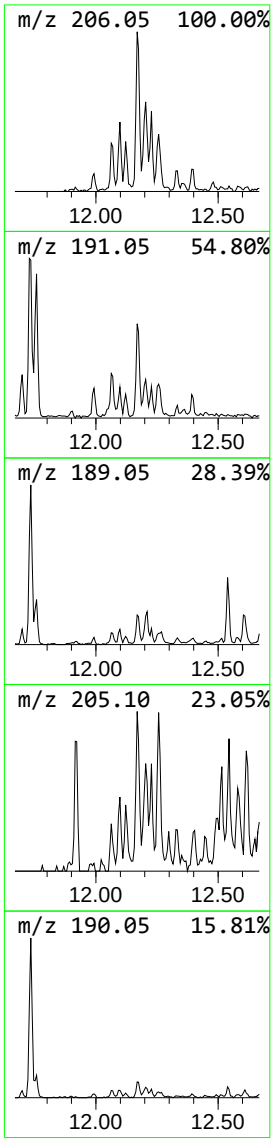
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.169	3.83 ng	98254	Phenanthrene-d10	11.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90





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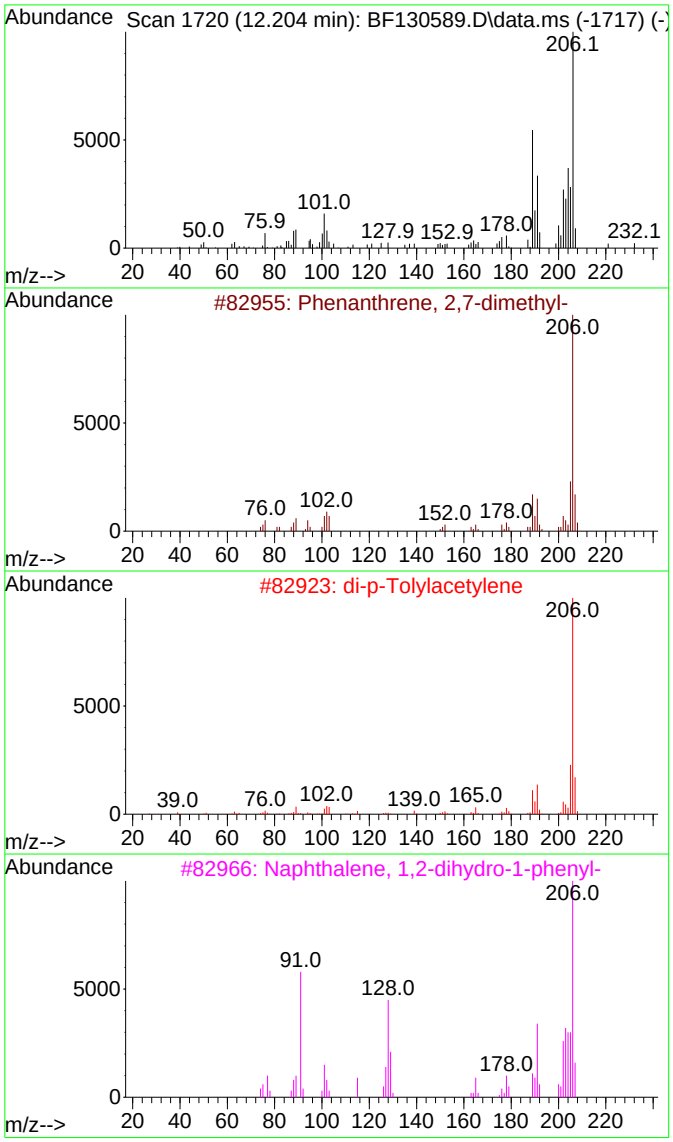
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

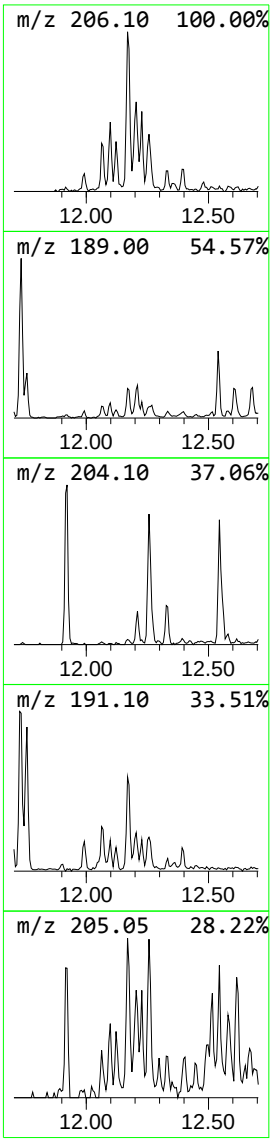
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.204	2.49 ng	64000	Phenanthrene-d10	11.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	53
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	50
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	49
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	46





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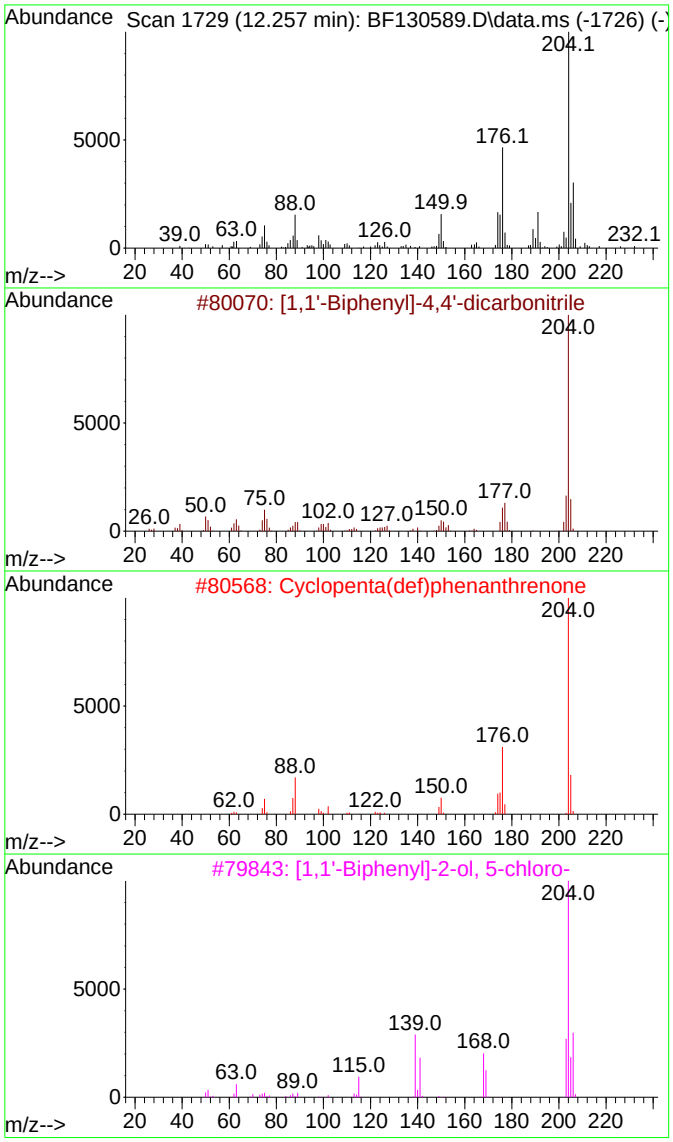
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

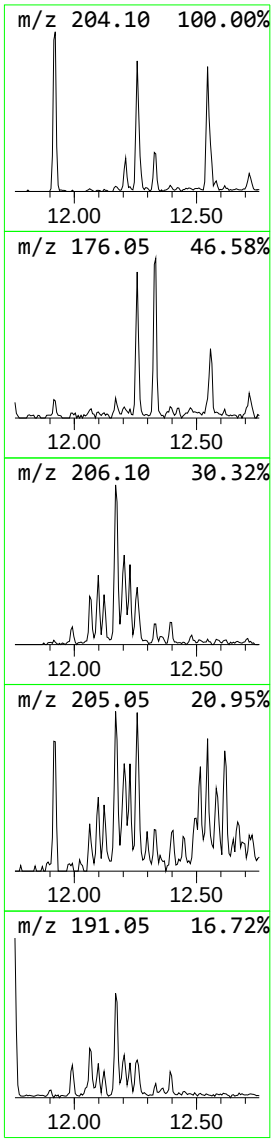
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 [1,1'-Biphenyl]-4,4'-dicarb... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	3.84 ng	98632	Phenanthrene-d10	11.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	52
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
4	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

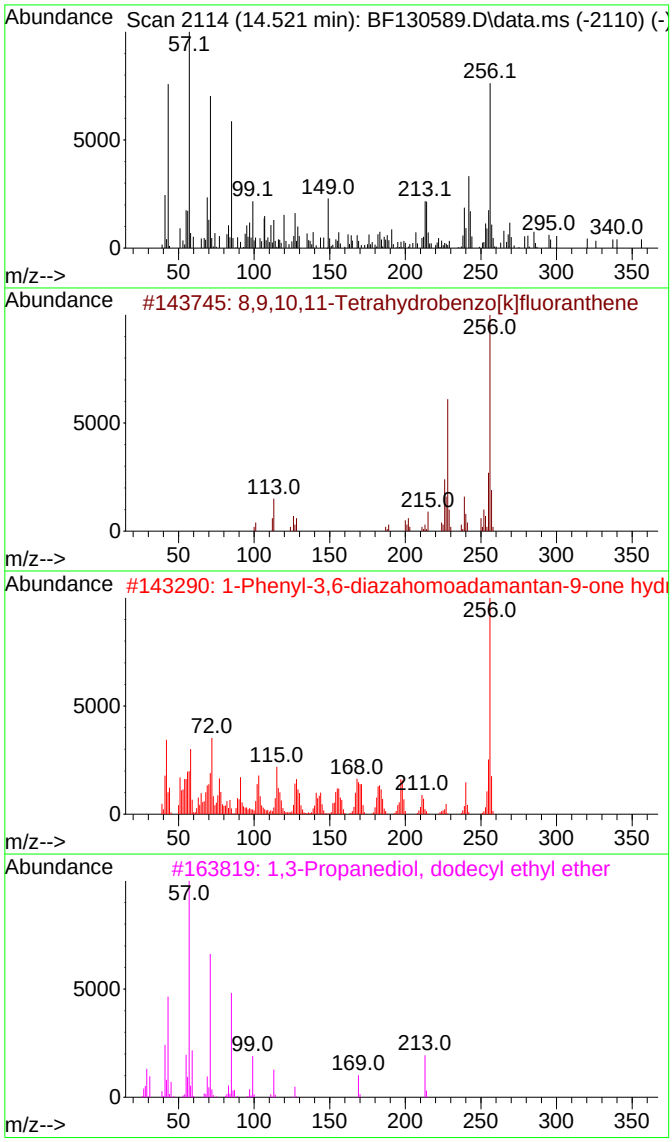
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

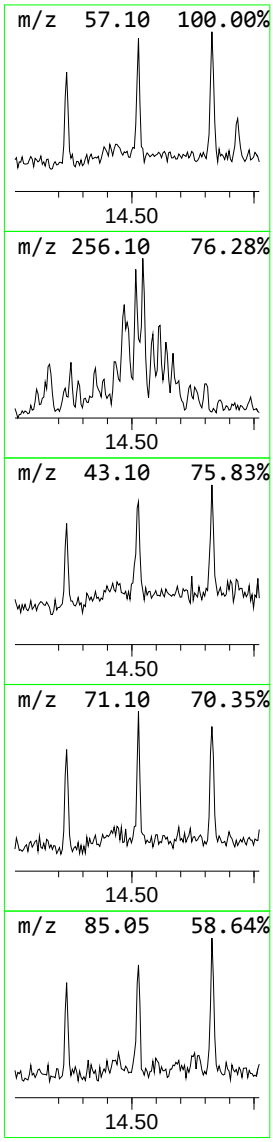
****

Peak Number 12 unknown14.522 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.522	2.55 ng	63839	Perylene-d12	15.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,9,10,11-Tetrahydrobenzo[k]fluo...	256	C20H16	033942-81-3	45
2	1-Phenyl-3,6-diazahomoadamantan-...	256	C15H20N4	1000216-29-0	30
3	1,3-Propanediol, dodecyl ethyl e...	272	C17H36O2	1000406-35-1	27
4	L-Leucine, N-methyl-N-(2-ethylhe...	371	C21H41NO4	1000392-39-0	22
5	L-Leucine, N-methyl-N-(2-ethylhe...	357	C20H39NO4	1000392-39-8	22





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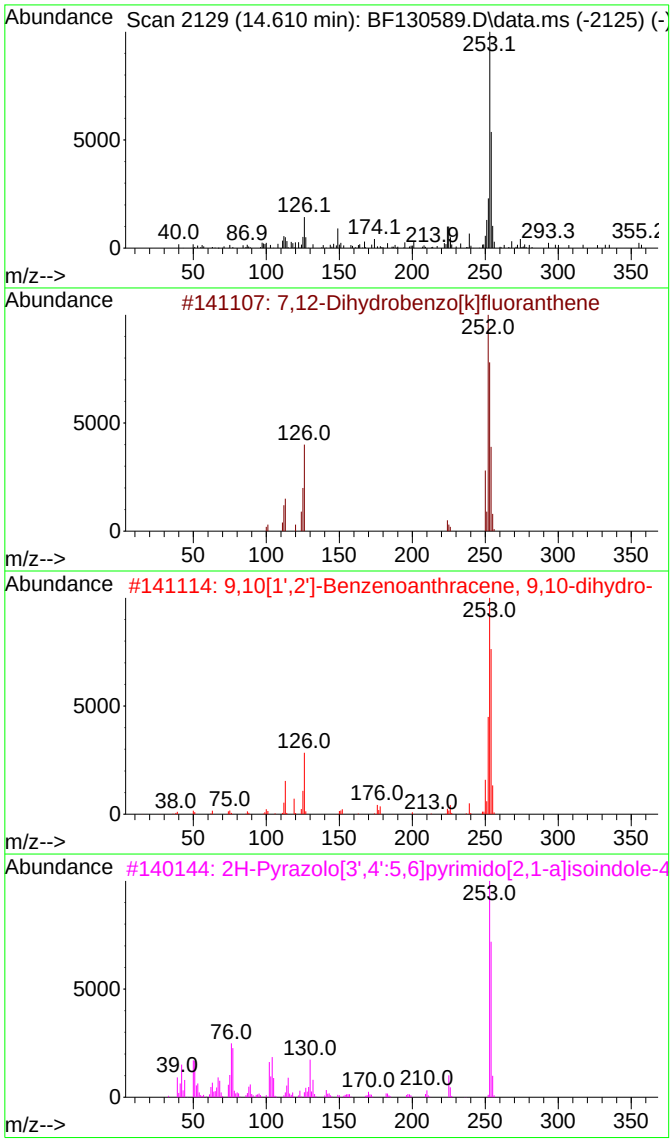
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

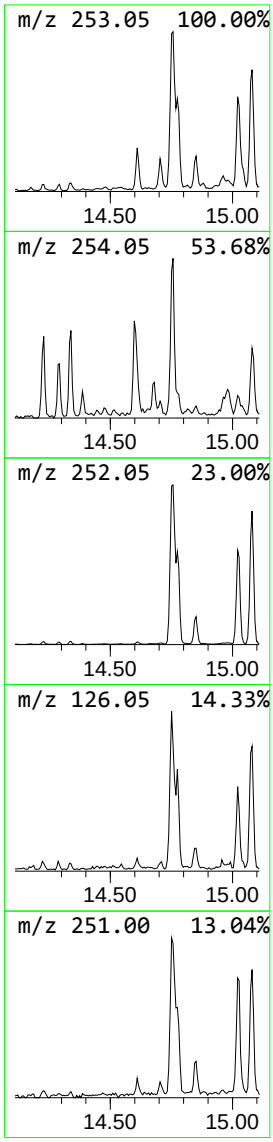
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 7,12-Dihydrobenzo[k]fluoran... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.610	3.67 ng	91925	Perylene-d12	15.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	64
2	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	62
3	2H-Pyrazolo[3',4':5,6]pyrimido[2...	254	C13H10N4O2	1000318-77-9	53
4	Coumaran-6,7-diol-3-one, 2-benzy...	254	C15H10O4	029813-90-9	52
5	Benzofuran-5,6-diol-3-one, 2-ben...	254	C15H10O4	1000128-65-2	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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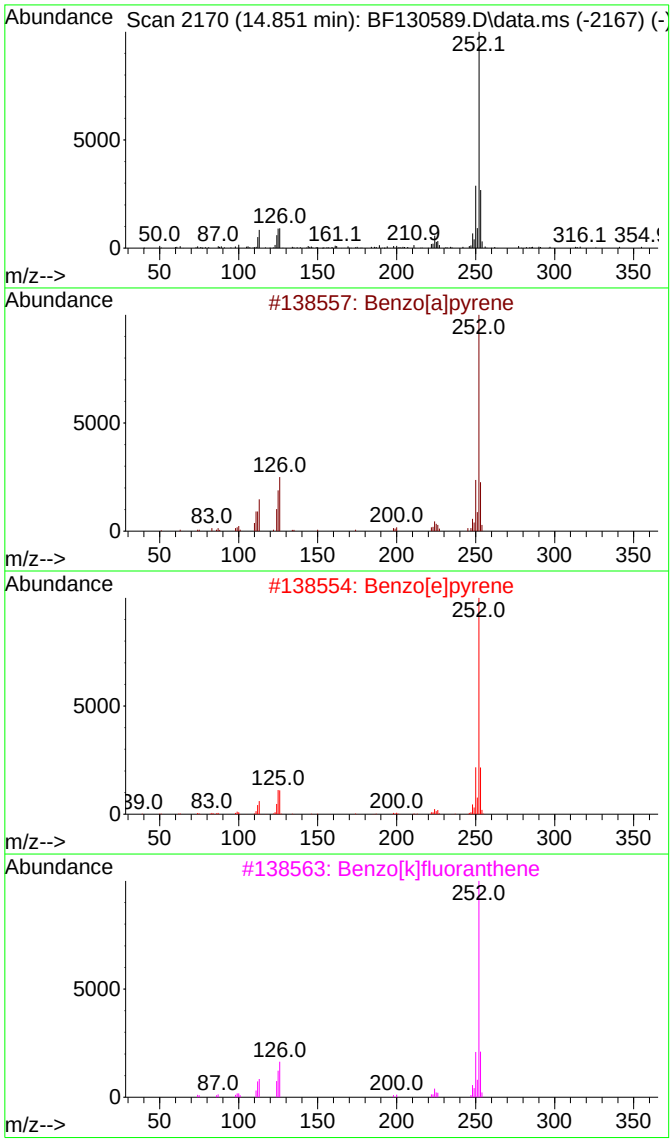
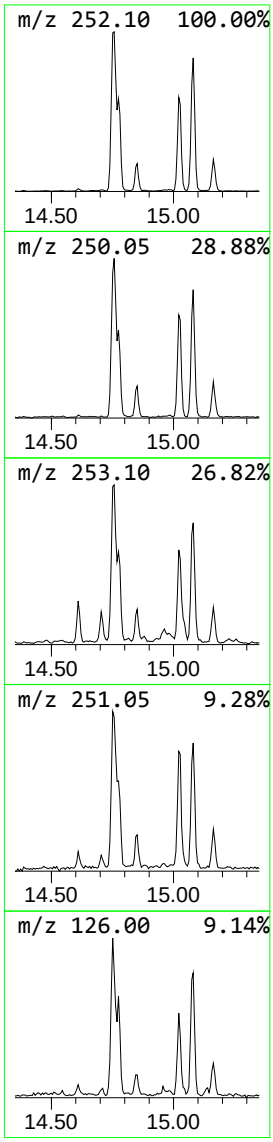
Peak Number 14 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.851	3.01 ng	75488	Perylene-d12	15.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





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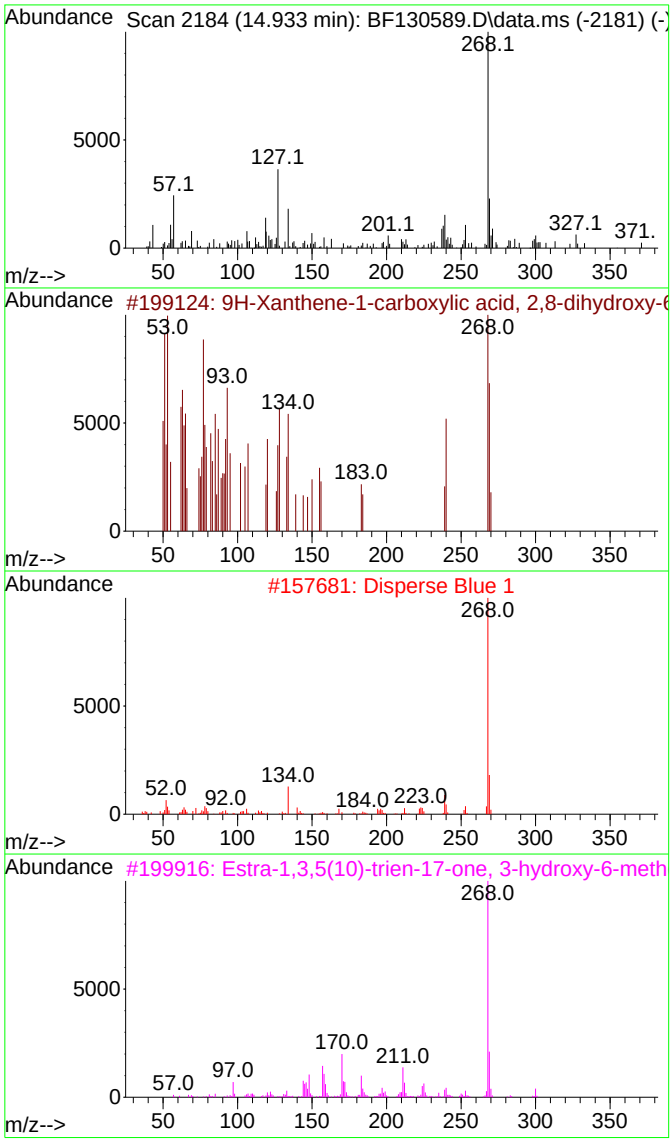
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

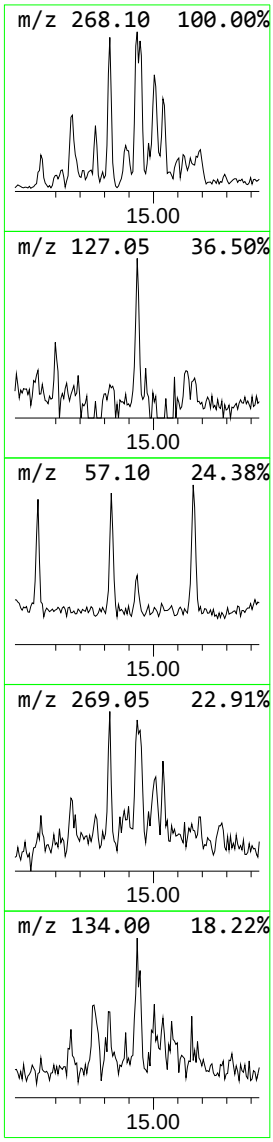
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9H-Xanthene-1-carboxylic ac... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.933	2.75 ng	68940	Perylene-d12	15.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Xanthene-1-carboxylic acid, 2...	300	C16H12O6	000476-53-9	52
2	Disperse Blue 1	268	C14H12N4O2	002475-45-8	49
3	Estra-1,3,5(10)-trien-17-one, 3-...	300	C19H24O3	074299-17-5	49
4	4-[N'-(3,5-Dimethyl-benzylidene)...	268	C16H16N2O2	1000293-91-1	47
5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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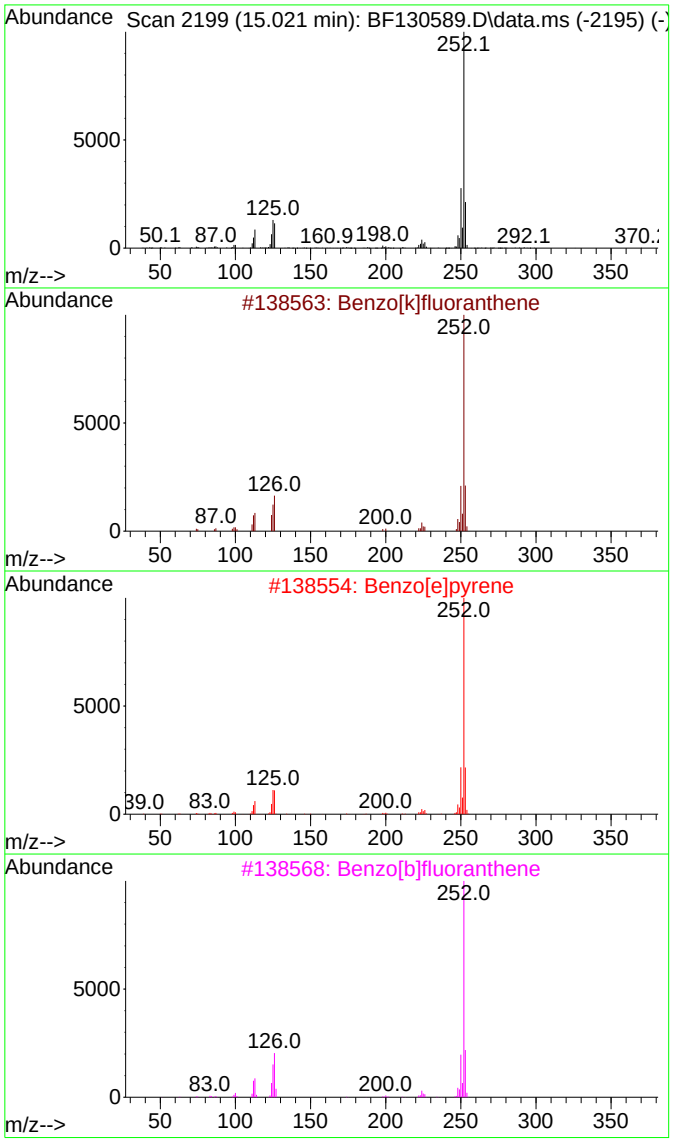
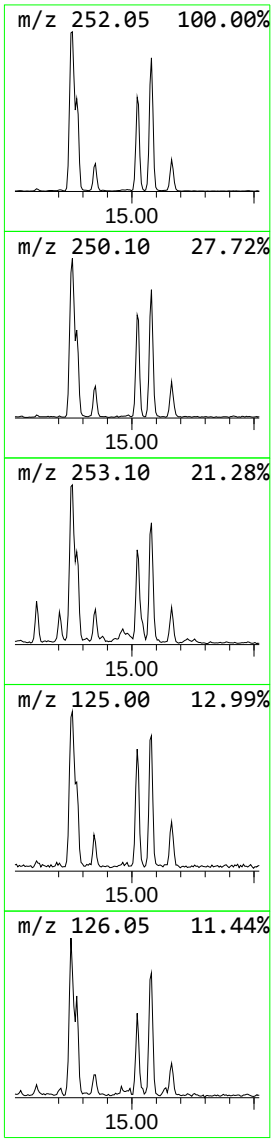
Peak Number 16 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.021	13.01 ng	325940	Perylene-d12	15.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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TIC Library : C:\Database\NIST20.L
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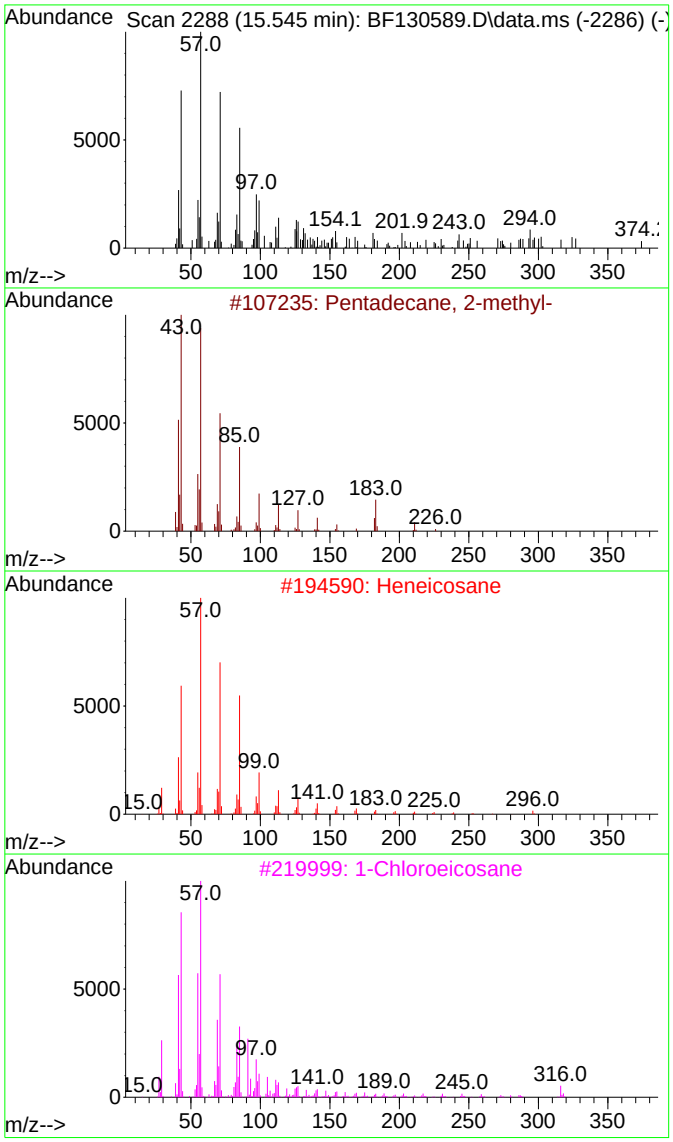
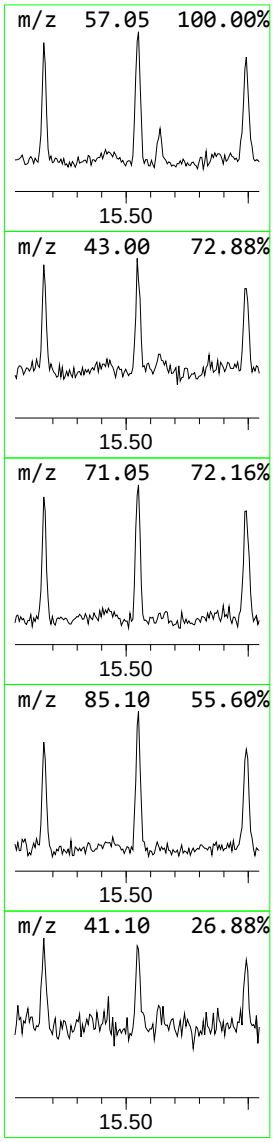
Peak Number 17 Pentadecane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.545	2.06 ng	51614	Perylene-d12	15.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	78
2	Heneicosane	296	C21H44	000629-94-7	78
3	1-Chloroeicosane	316	C20H41Cl	042217-02-7	64
4	Heptadecane	240	C17H36	000629-78-7	58
5	Hexadecane	226	C16H34	000544-76-3	55





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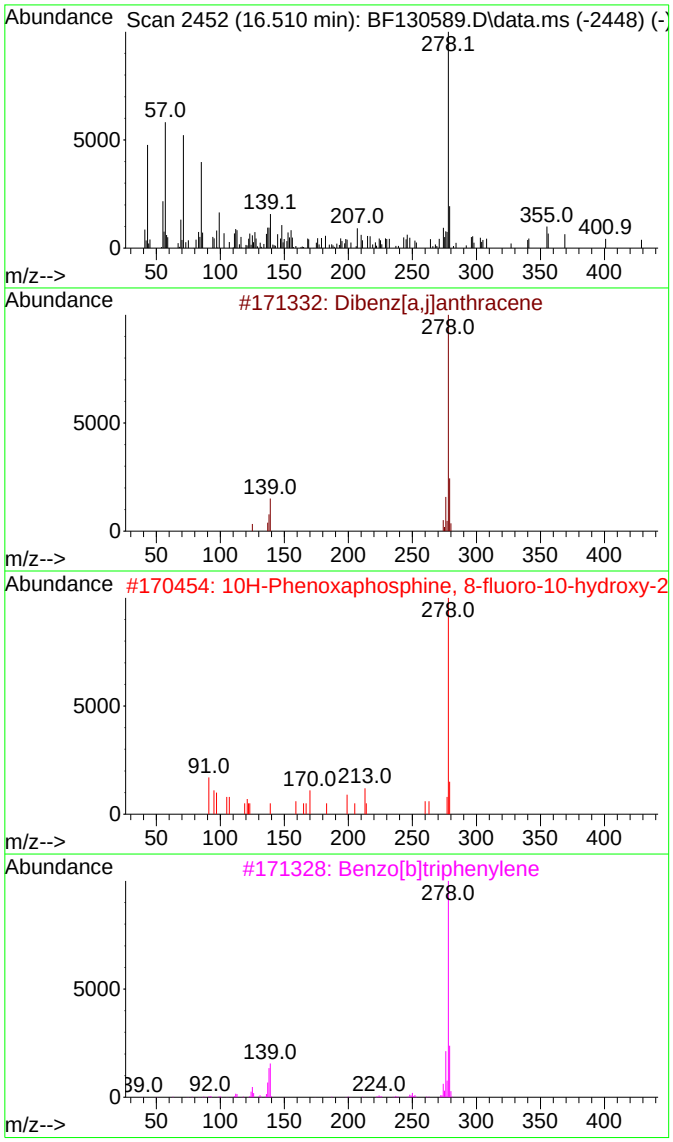
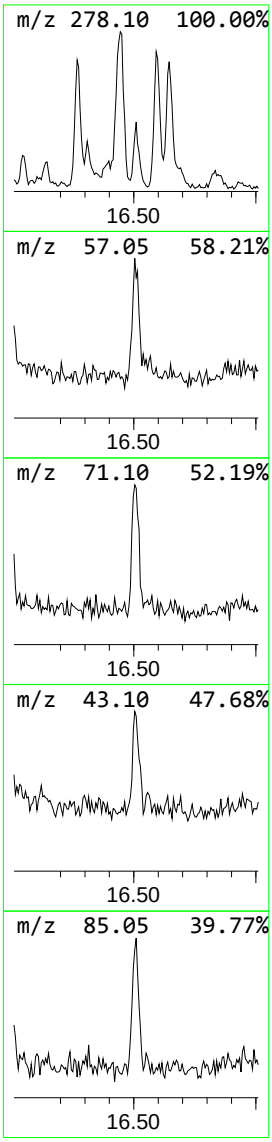
Peak Number 18 Dibenz[a,j]anthracene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.510	2.27 ng	56805	Perylene-d12	15.139

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,j]anthracene	278	C22H14	000224-41-9	59
2	10H-Phenoxaphosphine, 8-fluoro-1...	278	C14H12FO3P	037041-13-7	53
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	53
4	Pentacene	278	C22H14	000135-48-8	49
5	2-Cinnamylidene-6-methoxycoumara...	278	C18H14O3	077765-15-2	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
Data File : BF130589.D
Acq On : 07 Oct 2022 23:03
Operator : CG\JU
Sample : N5018-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-T-3-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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-...	4.781	21.6	ng	451098	1	6.610	416727	20.0
Phenanthrene, 2...	11.622	4.4	ng	113071	4	11.122	513687	20.0
Phenanthrene, 1...	11.651	7.9	ng	202876	4	11.122	513687	20.0
Benzaldehyde, 3...	11.733	7.8	ng	199138	4	11.122	513687	20.0
1H-Cyclopropa[l...	11.757	3.6	ng	93321	4	11.122	513687	20.0
Naphthalene, 2-...	11.916	3.1	ng	79866	4	11.122	513687	20.0
9,10-Anthracene...	11.945	3.2	ng	81119	4	11.122	513687	20.0
Phenanthrene, 2...	12.169	3.8	ng	98254	4	11.122	513687	20.0
Phenanthrene, 2...	12.204	2.5	ng	64000	4	11.122	513687	20.0
[1,1'-Biphenyl]...	12.257	3.8	ng	98632	4	11.122	513687	20.0
unknown14.522	14.522	2.5	ng	63839	6	15.139	501103	20.0
7,12-Dihydroben...	14.610	3.7	ng	91925	6	15.139	501103	20.0
Benzo[e]pyrene	14.851	3.0	ng	75488	6	15.139	501103	20.0
9H-Xanthene-1-c...	14.933	2.8	ng	68940	6	15.139	501103	20.0
Benzo[j]fluoran...	15.021	13.0	ng	325940	6	15.139	501103	20.0
Pentadecane, 2-...	15.545	2.1	ng	51614	6	15.139	501103	20.0
Dibenz[a,j]anth...	16.510	2.3	ng	56805	6	15.139	501103	20.0