LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
Data File : BF139289.D
Acq On : 09 Sep 2024 18:18
Operator : RC/JU
Sample : P3852-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ223

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-BF090424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139289.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.199	10	18	25	rBV	2025806	3167007	100.00%	8.499%
2	3.981	315	321	329	rVB	34061	53007	1.67%	0.142%
3	5.110	503	513	520	rVB	115799	193672	6.12%	0.520%
4	5.504	574	580	585	rBV	1873444	2490669	78.64%	6.684%
5	6.510	744	751	756	rBV	1877350	2603922	82.22%	6.988%
6	6.886	810	815	820	rVB	631756	763261	24.10%	2.048%
7	7.445	904	910	915	rBV	1253977	1661322	52.46%	4.458%
8	7.698	947	953	964	rVB	32476	47976	1.51%	0.129%
9	8.169	1027	1033	1041	rBV	782460	989062	31.23%	2.654%
10	8.386	1065	1070	1077	rBV3	19896	32253	1.02%	0.087%
11	8.869	1147	1152	1158	rBV2	49043	74638	2.36%	0.200%
12	8.980	1167	1171	1176	rVB	26564	32782	1.04%	0.088%
13	9.245	1210	1216	1221	rBV	2330395	2893701	91.37%	7.766%
14	9.580	1268	1273	1276	rVV	49970	72024	2.27%	0.193%
15	9.645	1280	1284	1288	rVV2	28006	41993	1.33%	0.113%
16	9.698	1289	1293	1303	rVB	24634	45101	1.42%	0.121%
17	9.780	1303	1307	1312	rBV	125792	165947	5.24%	0.445%
18	9.922	1324	1331	1335	rBV	791663	1026068	32.40%	2.754%
19	9.957	1335	1337	1341	rVV	81935	84130	2.66%	0.226%
20	10.122	1361	1365	1369	rBV	66539	88441	2.79%	0.237%
21	10.163	1369	1372	1379	rVB	29241	35196	1.11%	0.094%
22	10.239	1380	1385	1387	rBV2	39697	59223	1.87%	0.159%
23	10.327	1395	1400	1406	rBV4	48475	91402	2.89%	0.245%
24	10.469	1420	1424	1430	rVB	96922	133913	4.23%	0.359%
25	10.533	1430	1435	1437	rBV3	23568	39383	1.24%	0.106%
26	10.633	1447	1452	1459	rVB2	168058	231058	7.30%	0.620%
27	10.710	1459	1465	1470	rBV	1046737	1336611	42.20%	3.587%
28	10.833	1482	1486	1492	rVB3	73709	107460	3.39%	0.288%
29	11.016	1513	1517	1520	rBV3	44399	67521	2.13%	0.181%
30	11.210	1547	1550	1554	rVB	55324	69493	2.19%	0.186%
31	11.269	1555	1560	1563	rBV4	54620	94795	2.99%	0.254%
32	11.304	1563	1566	1572	rVB	73781	97323	3.07%	0.261%
33	11.410	1579	1584	1586	rBV	611147	849033	26.81%	2.278%
34	11.433	1586	1588	1593	rVV	859062	948148	29.94%	2.544%
35	11.480	1593	1596	1600	rVV	128816	173602	5.48%	0.466%
36	11.516	1600	1602	1606	rVB2	36861	42296	1.34%	0.114%

LSC Area Percent Report

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Operator : RC/JU
Sample : P3852-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ223

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-BF090424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.639	1620	1623	1630	rBV2	44493	78080	2.47%	0.210%
38	11.704	1631	1634	1637	rVV	46979	63082	1.99%	0.169%
39	11.739	1637	1640	1645	rVB2	59779	79522	2.51%	0.213%
40	11.863	1658	1661	1664	rBV3	33627	45387	1.43%	0.122%
41	11.910	1665	1669	1671	rVV	182944	251949	7.96%	0.676%
42	11.939	1671	1674	1678	rVB	423793	532325	16.81%	1.429%
43	12.021	1684	1688	1697	rVB	290871	568247	17.94%	1.525%
44	12.210	1717	1720	1721	rBV	54774	64288	2.03%	0.173%
45	12.386	1747	1750	1753	rBV2	50475	65497	2.07%	0.176%
46	12.463	1759	1763	1766	rBV	163538	212861	6.72%	0.571%
47	12.498	1766	1769	1774	rVV2	91493	145522	4.59%	0.391%
48	12.545	1774	1777	1783	rVB3	118839	160417	5.07%	0.431%
49	12.627	1785	1791	1795	rBV	1299565	1749002	55.23%	4.694%
50	12.716	1803	1806	1809	rBV	92864	110900	3.50%	0.298%
51	12.857	1823	1830	1835	rBV	1215736	1874642	59.19%	5.031%
52	12.998	1849	1854	1861	rVB	1404198	1875714	59.23%	5.034%
53	13.068	1862	1866	1870	rBV3	142716	237839	7.51%	0.638%
54	13.174	1878	1884	1889	rVB	211495	422818	13.35%	1.135%
55	13.280	1899	1902	1910	rVB2	182633	266650	8.42%	0.716%
56	13.374	1916	1918	1921	rVB	91572	83307	2.63%	0.224%
57	13.404	1921	1923	1927	rVB	78580	80155	2.53%	0.215%
58	13.686	1968	1971	1976	rVB	161185	214094	6.76%	0.575%
59	13.898	2003	2007	2016	rVB3	262387	439910	13.89%	1.181%
60	14.045	2027	2032	2035	rBV2	1000025	1679716	53.04%	4.508%
61	14.074	2035	2037	2044	rVB	677175	905988	28.61%	2.431%
62	14.686	2137	2141	2146	rBV	260443	364711	11.52%	0.979%
63	15.098	2207	2211	2220	rVB	629555	1465107	46.26%	3.932%
64	15.404	2259	2263	2269	rVB	327936	498749	15.75%	1.338%
65	15.468	2269	2274	2280	rVB	451070	686617	21.68%	1.843%
66	15.527	2280	2284	2288	rBV	268224	429811	13.57%	1.153%
67	17.003	2530	2535	2543	rVB2	178385	382017	12.06%	1.025%
68	17.451	2607	2611	2627	rVB	142494	324518	10.25%	0.871%

Sum of corrected areas: 37262875

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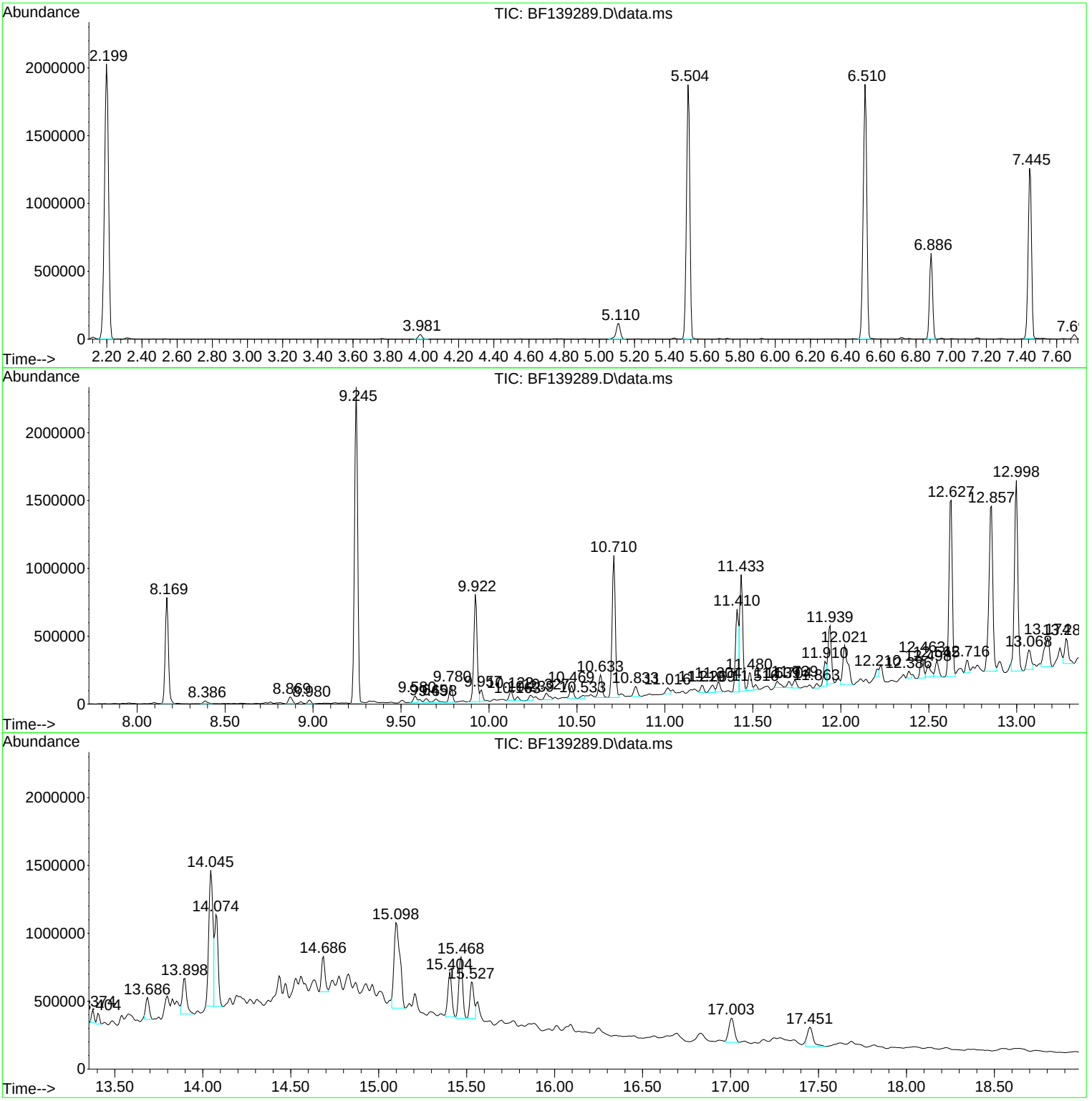
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.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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Data File : BF139289.D
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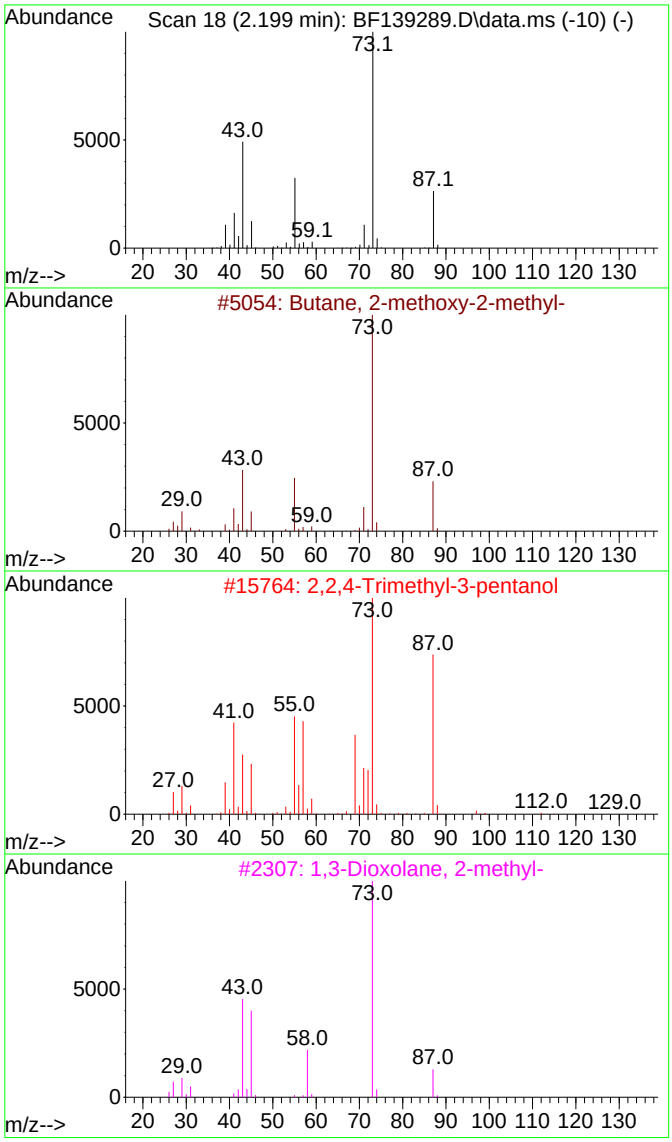
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

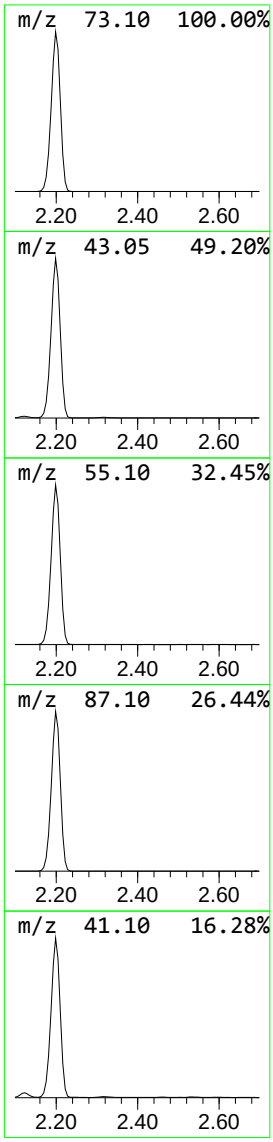
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.199	82.99 ng	3167010	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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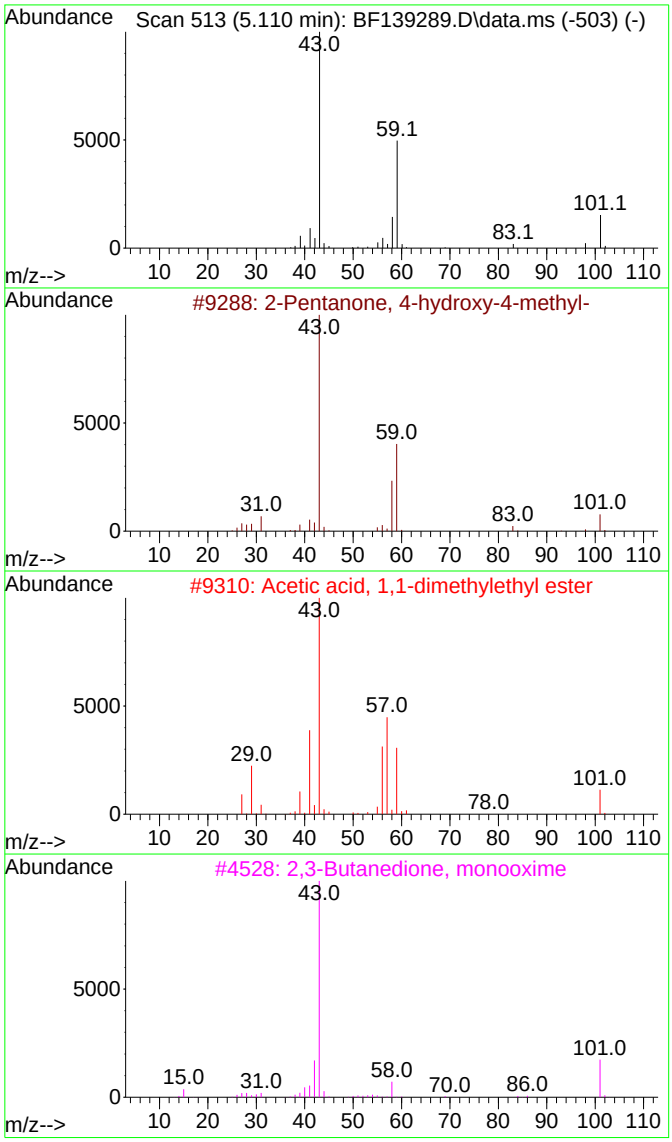
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

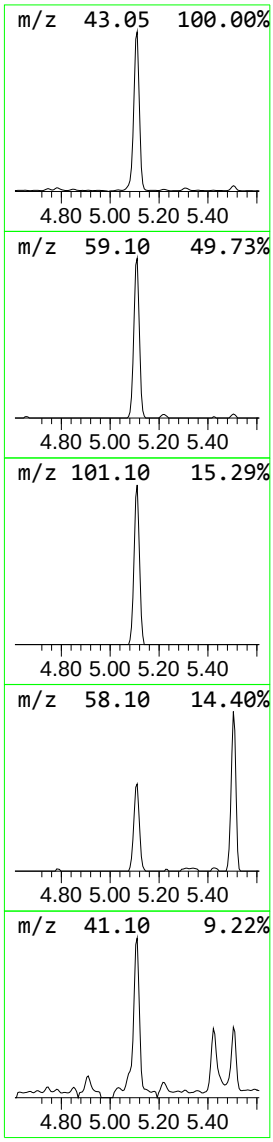
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	5.07 ng	193672	1,4-Dichlorobenzene-d4	6.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

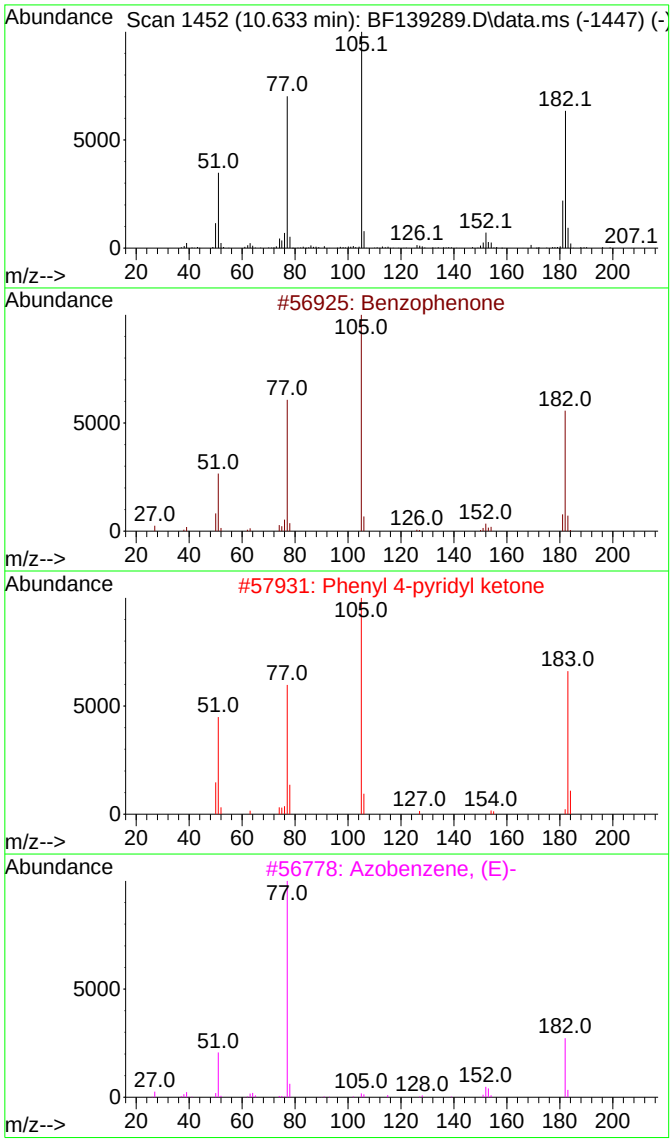
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

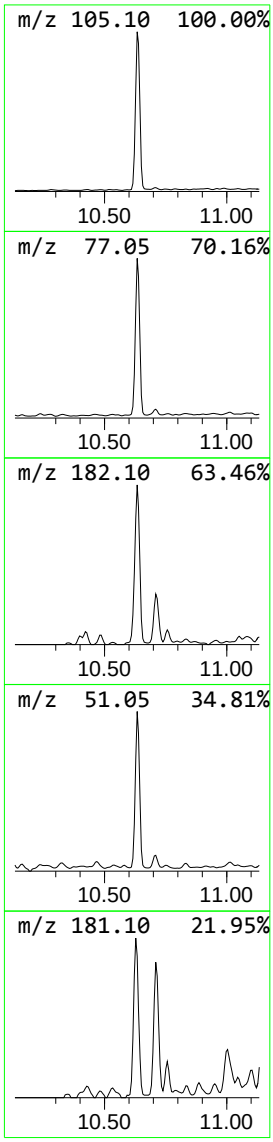
****

Peak Number 3 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.633	4.50 ng	231058	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
3	Azobenzene, (E)-	182	C12H10N2	017082-12-1	50
4	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	49
5	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

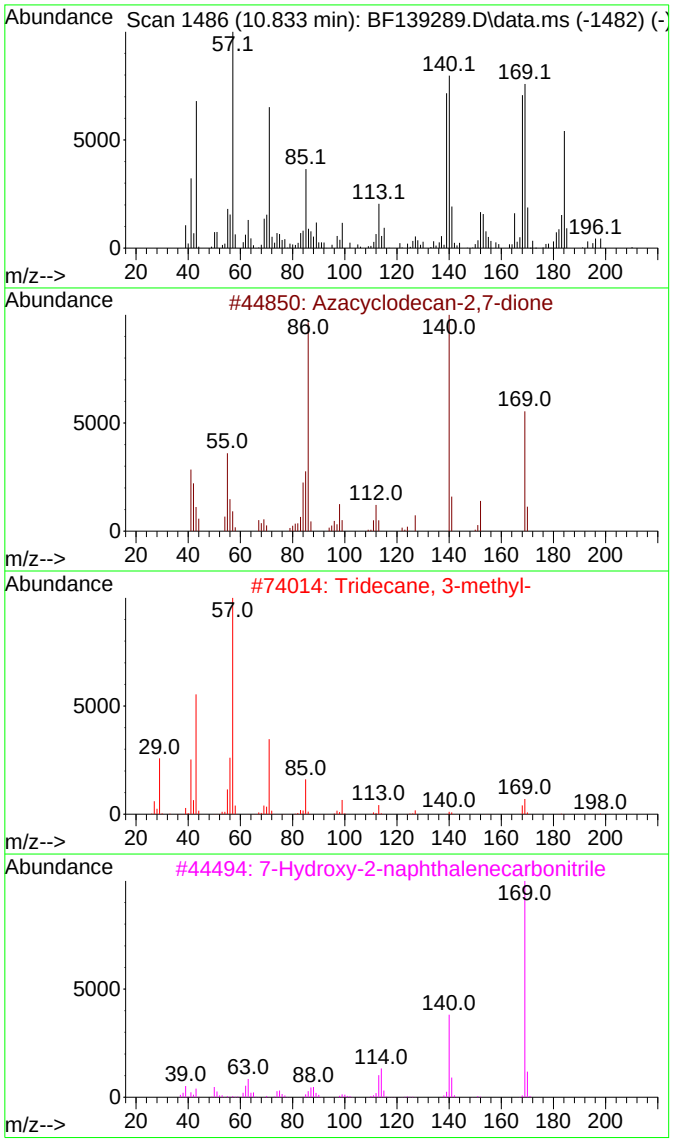
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

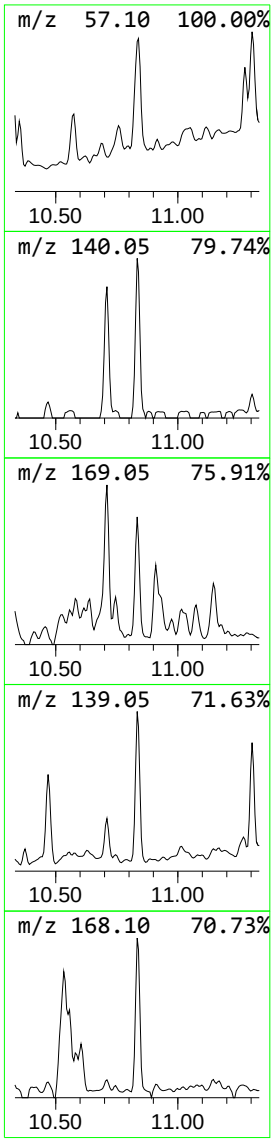
****

Peak Number 4 Azacyclodecan-2,7-dione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.833	2.53 ng	107460	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azacyclodecan-2,7-dione	169	C9H15NO2	099379-80-3	50
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	43
3	7-Hydroxy-2-naphthalenecarbonitrile	169	C11H7NO	1000326-75-0	43
4	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	38
5	Chamazulene	184	C14H16	000529-05-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
Data File : BF139289.D
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Operator : RC/JU
Sample : P3852-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.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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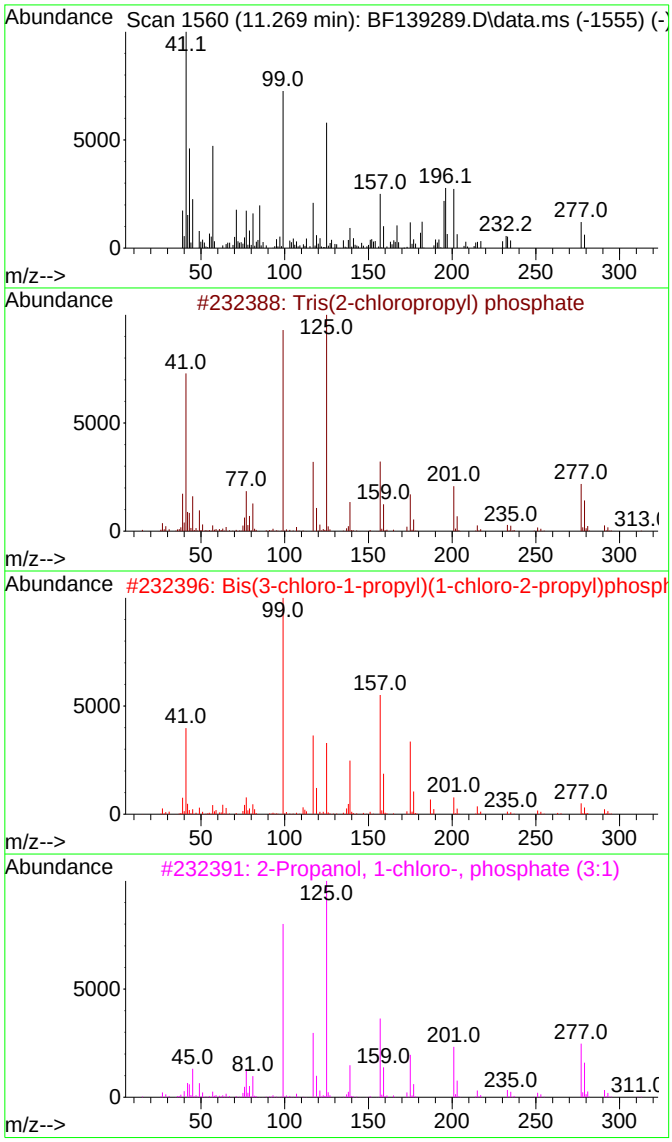
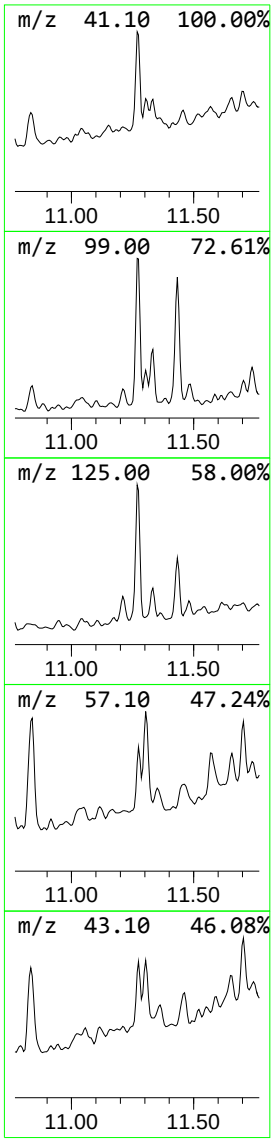
Peak Number 5 unknown11.269 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	2.23 ng	94795	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tris(2-chloropropyl) phosphate	326	C9H18Cl3O4P	006145-73-9	47
2	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	38
3	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	35
4	Sarin	140	C4H10FO2P	000107-44-8	22
5	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	14





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.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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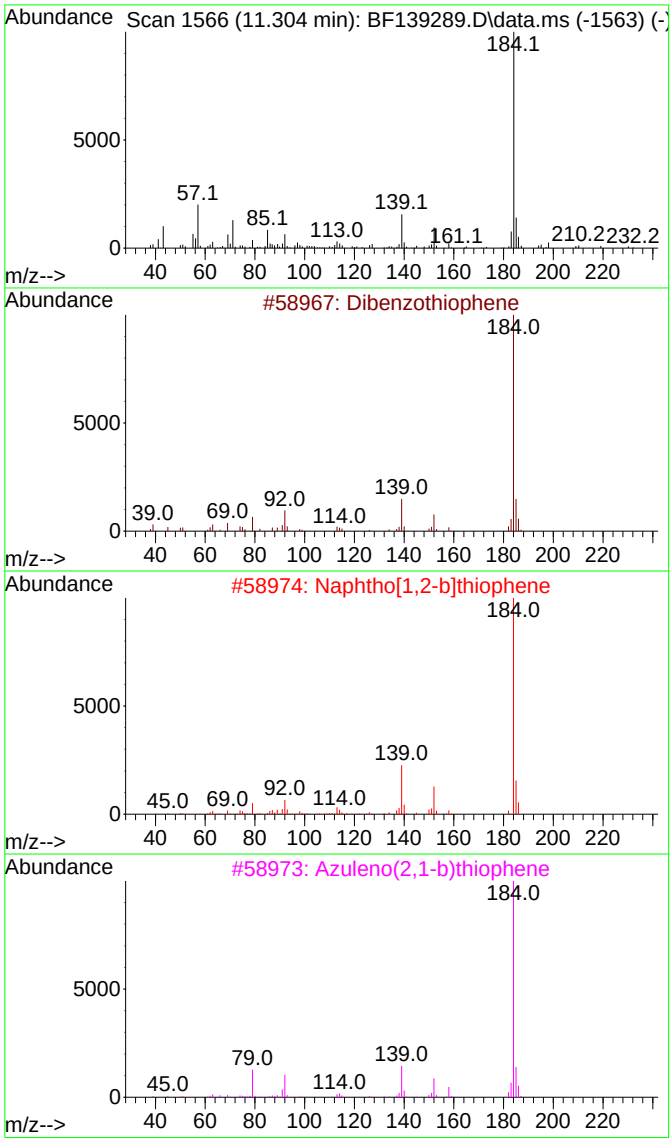
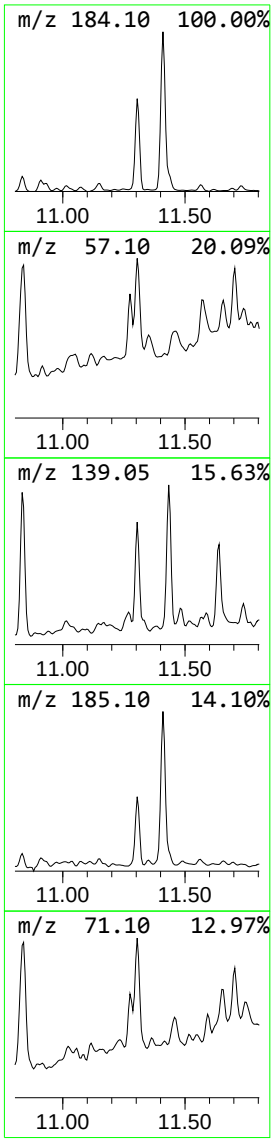
Peak Number 6 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	2.29 ng	97323	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
Data File : BF139289.D
Acq On : 09 Sep 2024 18:18
Operator : RC/JU
Sample : P3852-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

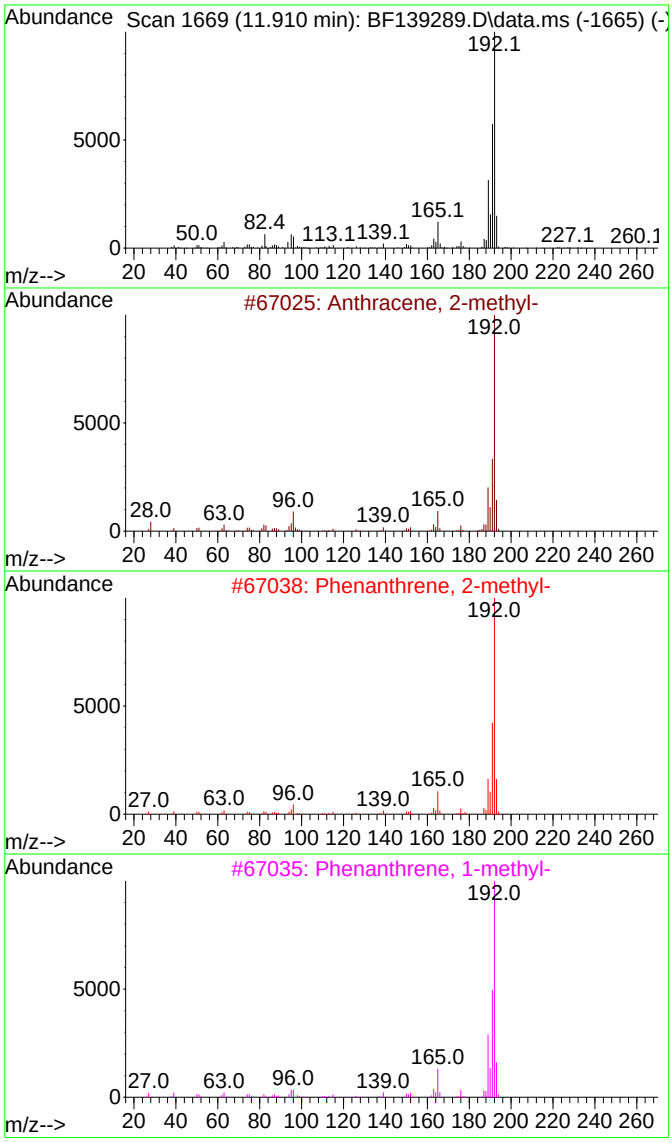
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

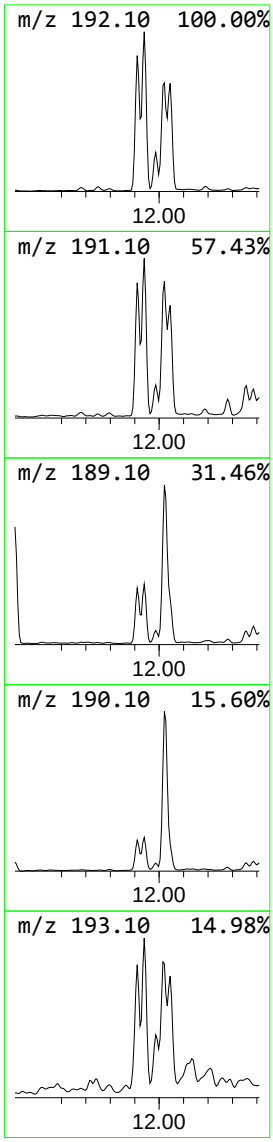
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	5.93 ng	251949	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Operator : RC/JU
Sample : P3852-02
Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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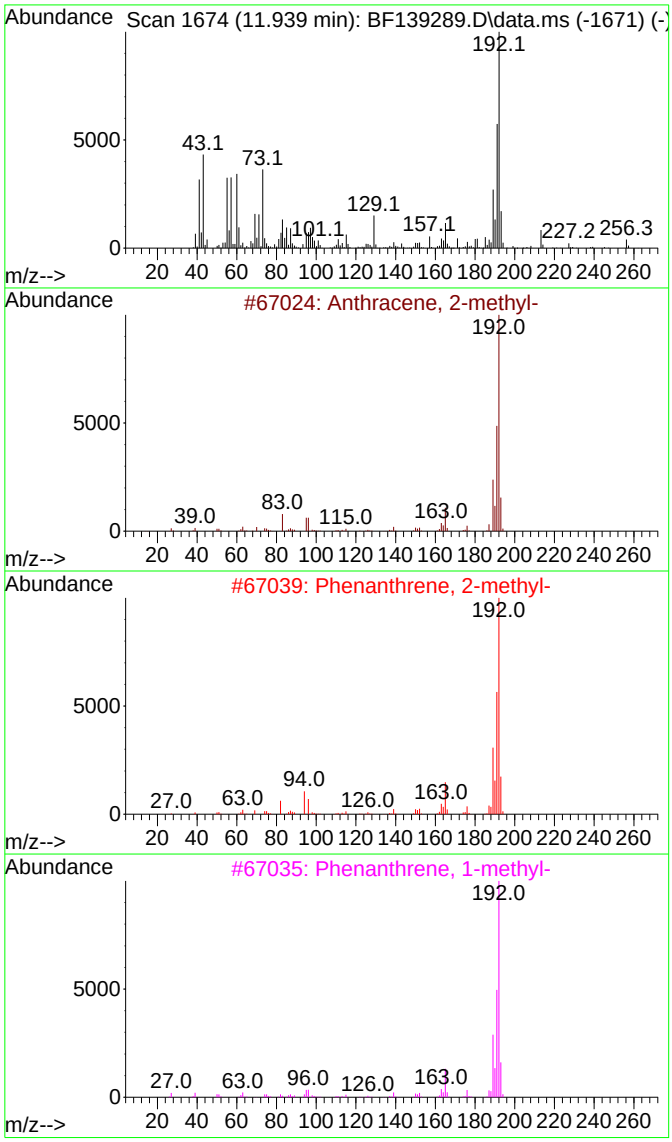
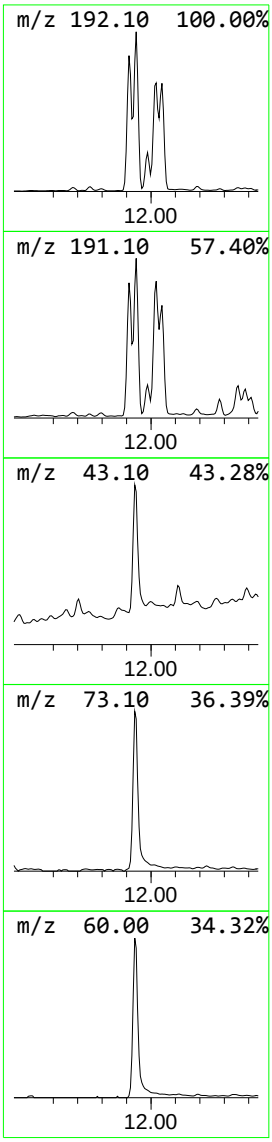
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	12.54 ng	532325	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Sample : P3852-02
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ALS Vial : 11 Sample Multiplier: 1

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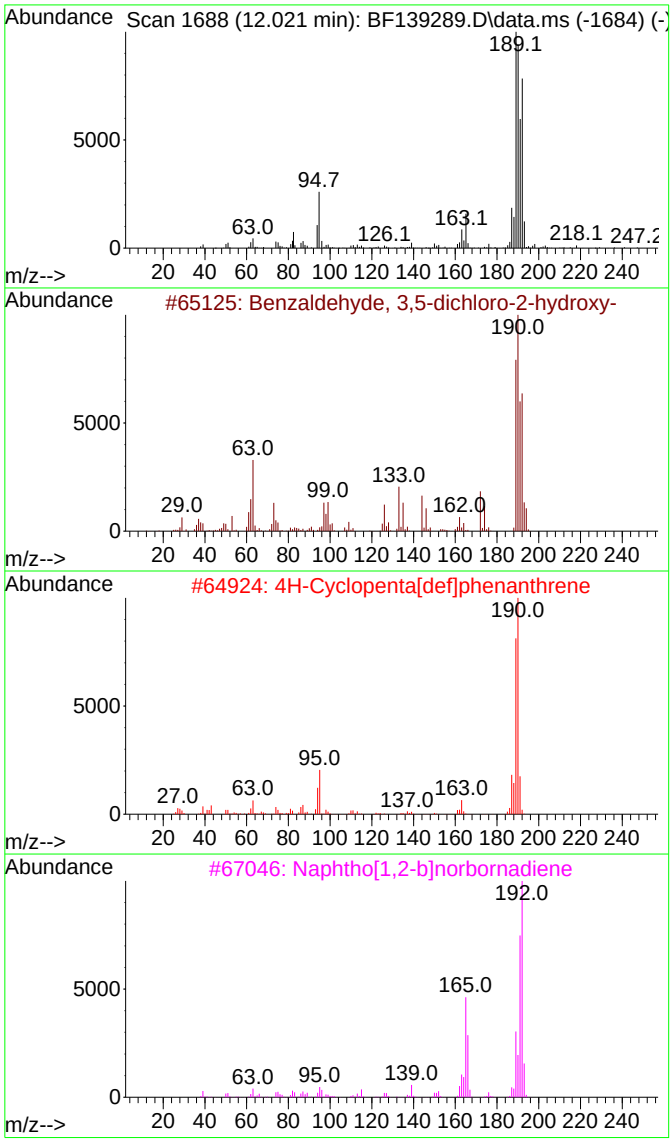
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

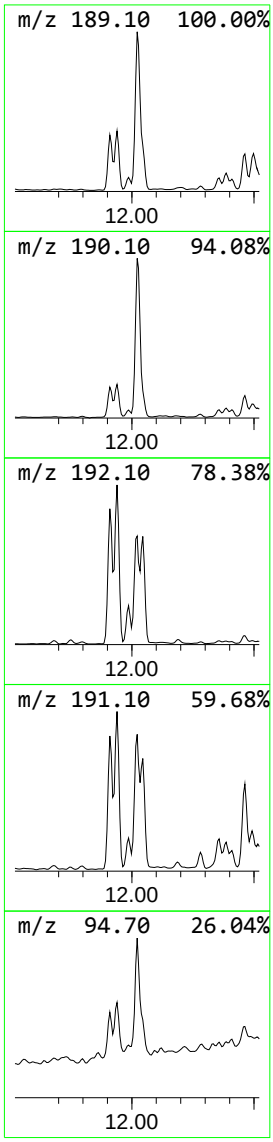
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	13.39 ng	568247	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	41
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





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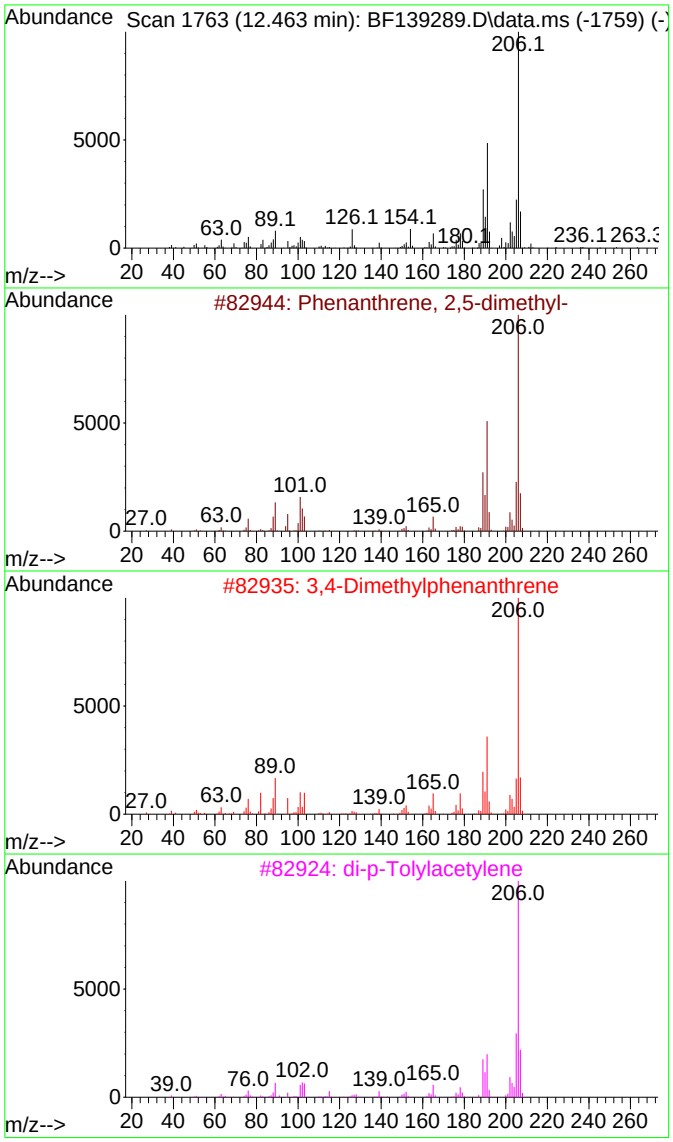
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

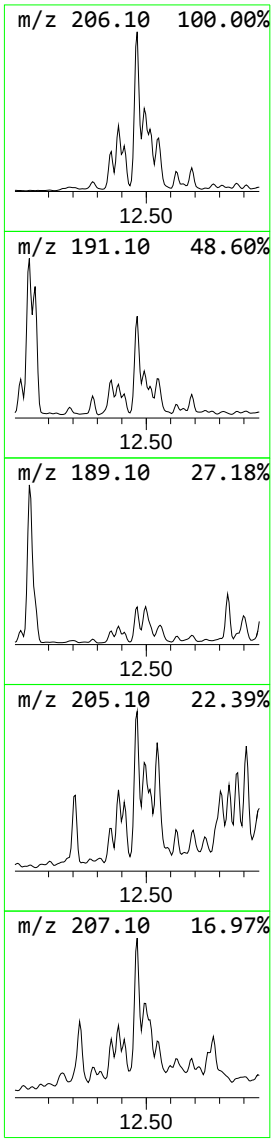
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	5.01 ng	212861	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

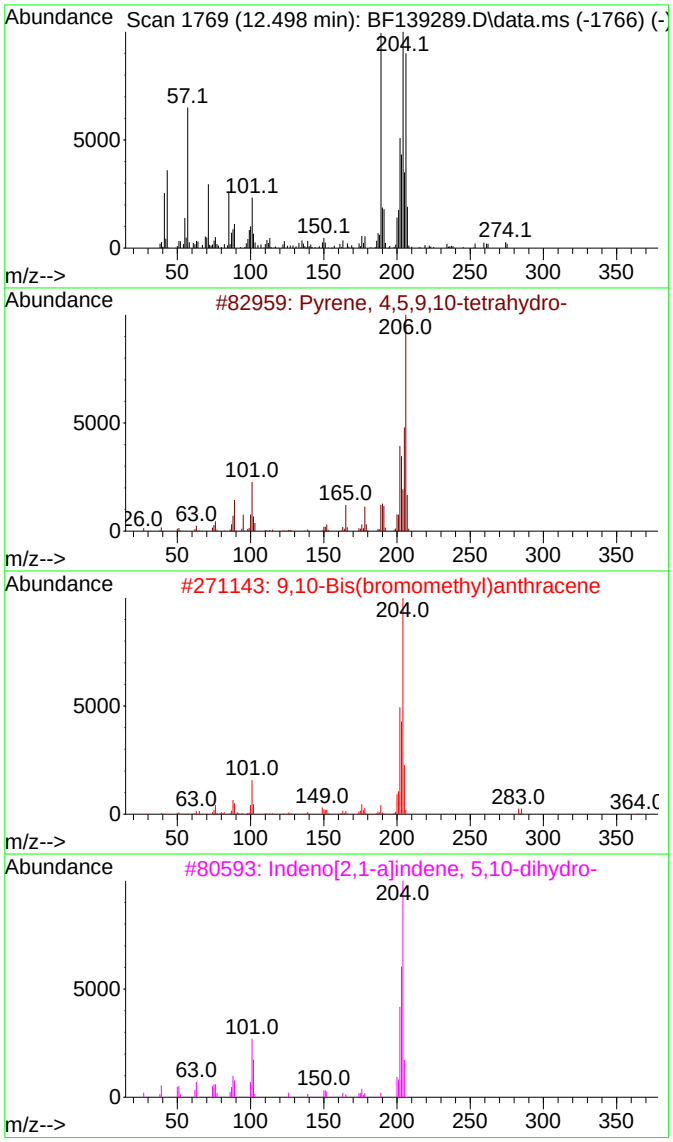
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

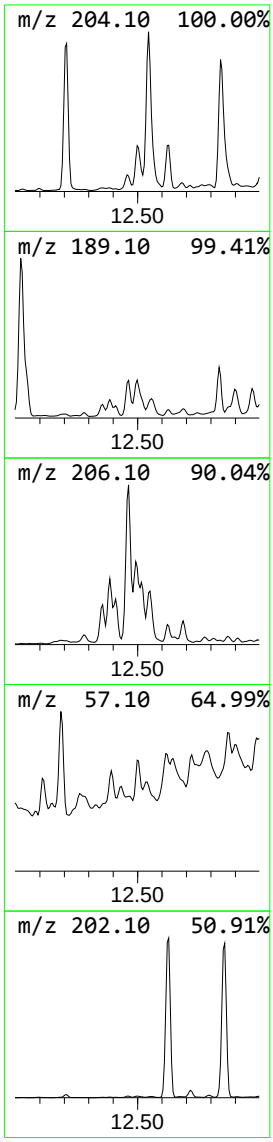
****

Peak Number 11 unknown12.498 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	3.43 ng	145522	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	47
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
3	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38





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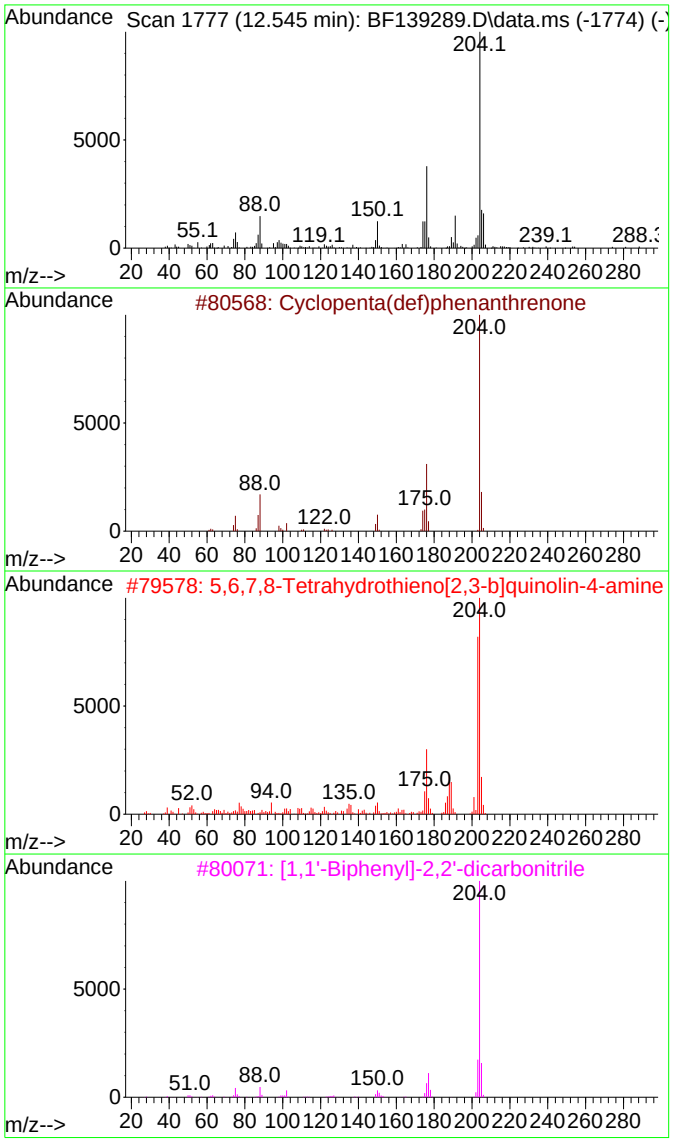
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

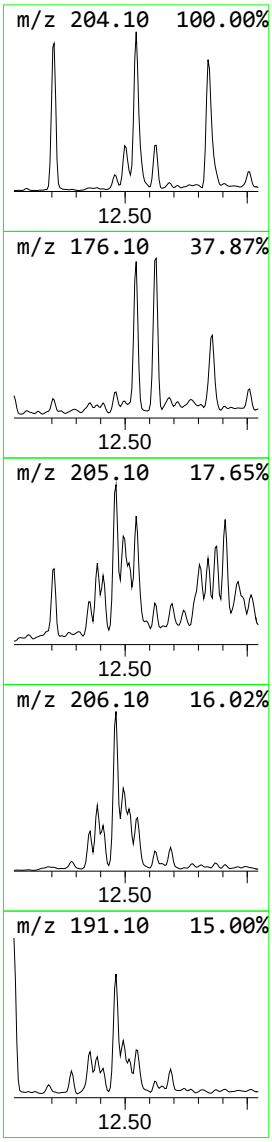
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	3.78 ng	160417	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
4	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	49
5	4-Formyl-7-methoxycoumarin	204	C11H8O4	1000429-03-0	49





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ALS Vial : 11 Sample Multiplier: 1

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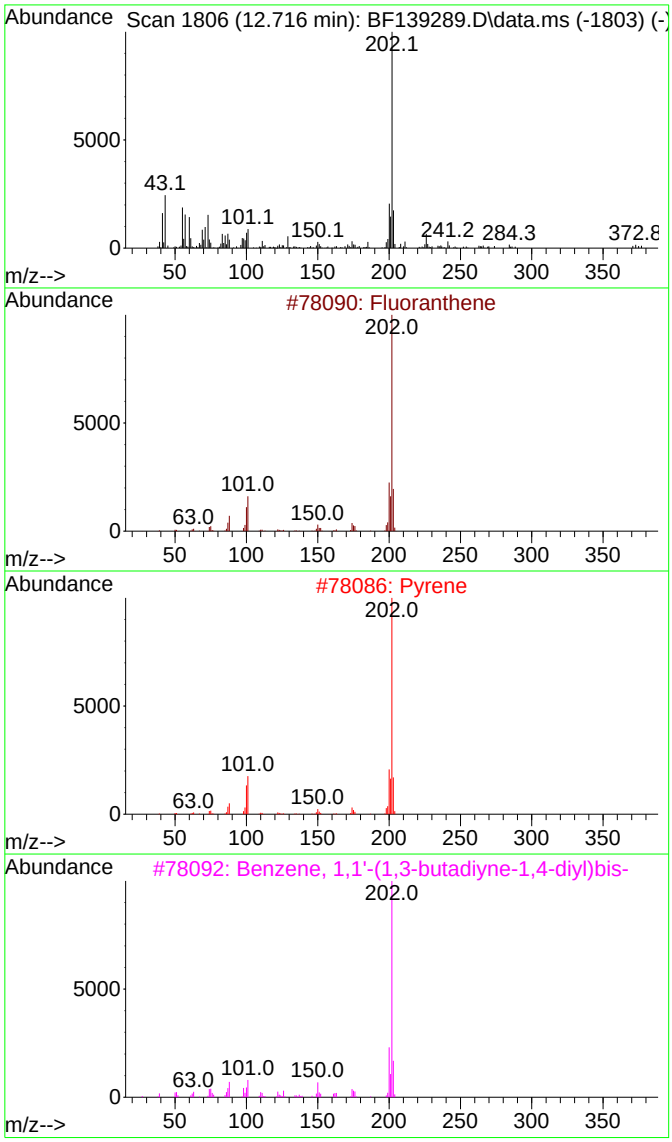
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

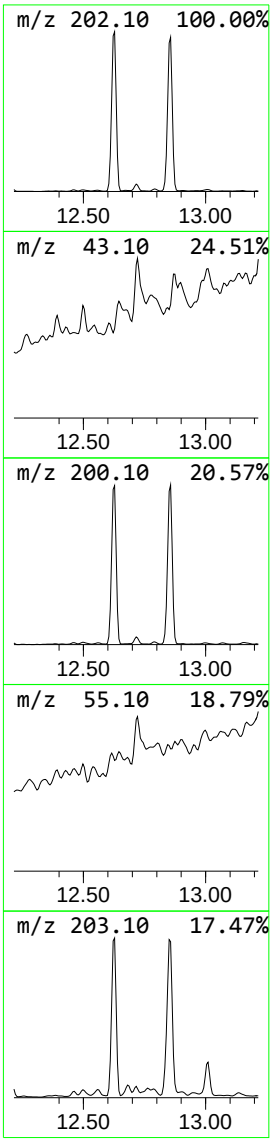
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.716	2.61 ng	110900	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	83
2	Pyrene	202	C16H10	000129-00-0	83
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	58
4	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	50
5	1',3'-Dihydrospiro[imidazolidine...	202	C11H10N2O2	027473-61-6	40





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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

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

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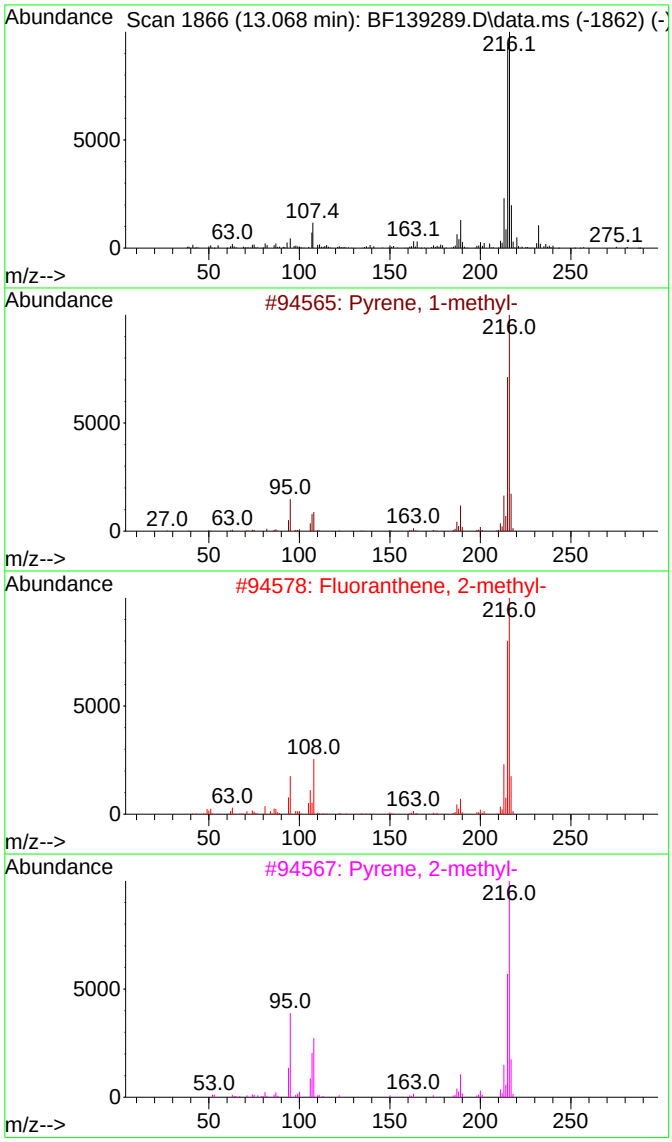
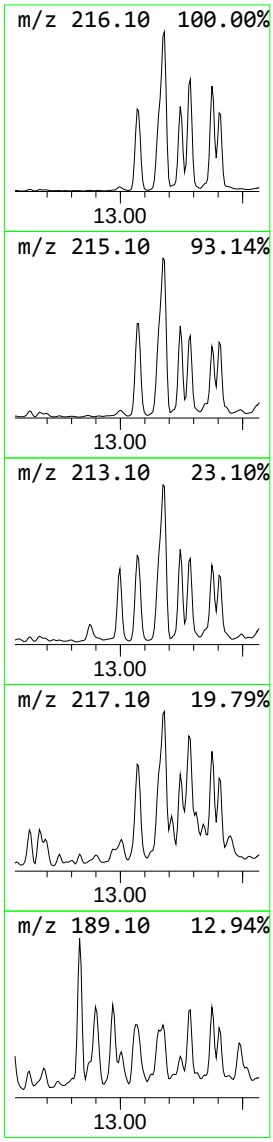
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.068	2.83 ng	237839	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Sample : P3852-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.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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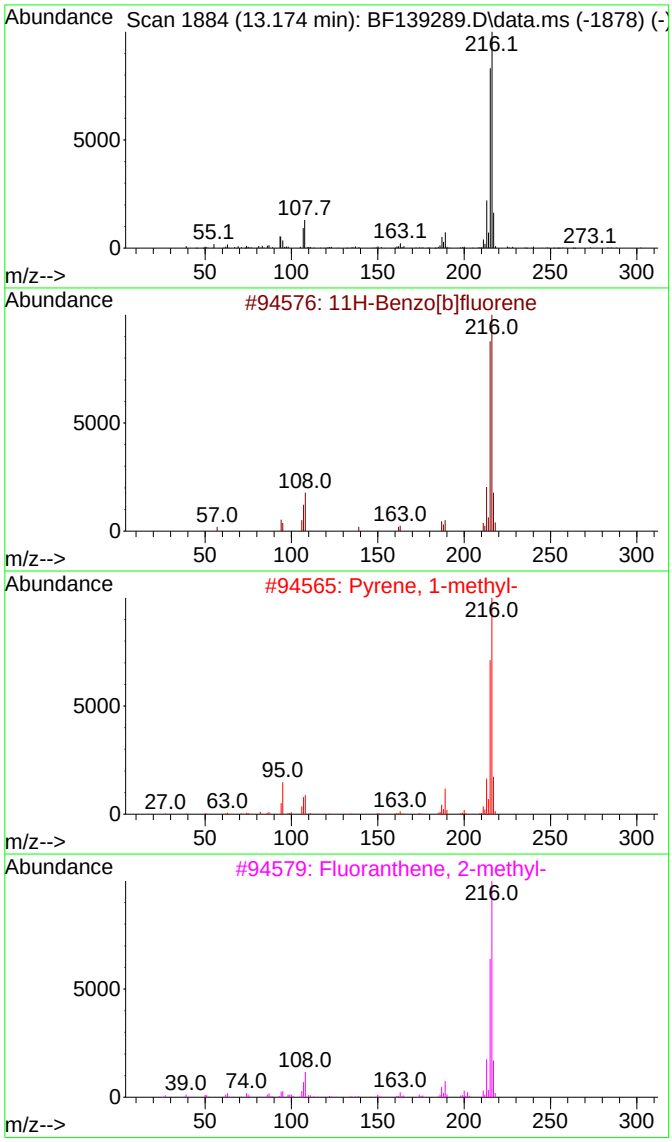
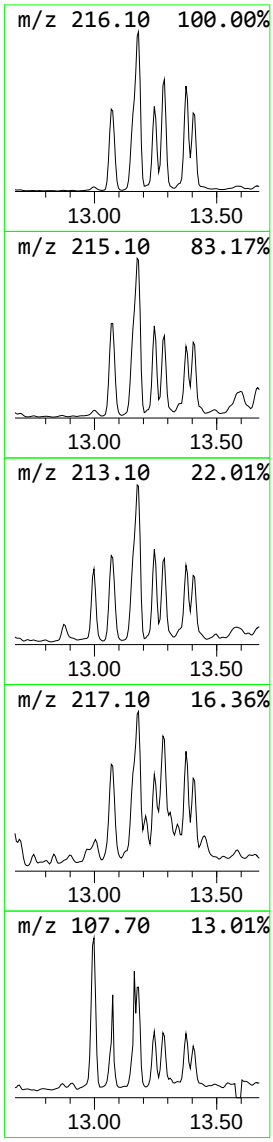
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	5.03 ng	422818	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
5	Pyridin-3-ol, 2-(4-nitrophenyl)-	216	C11H8N2O3	030820-89-4	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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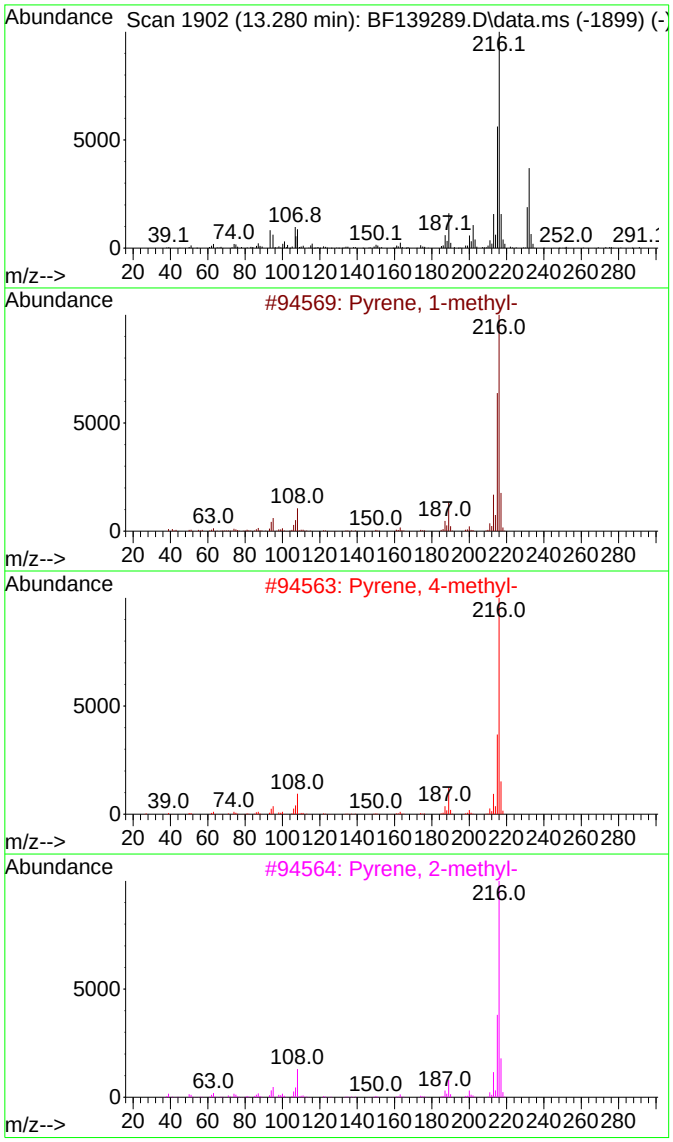
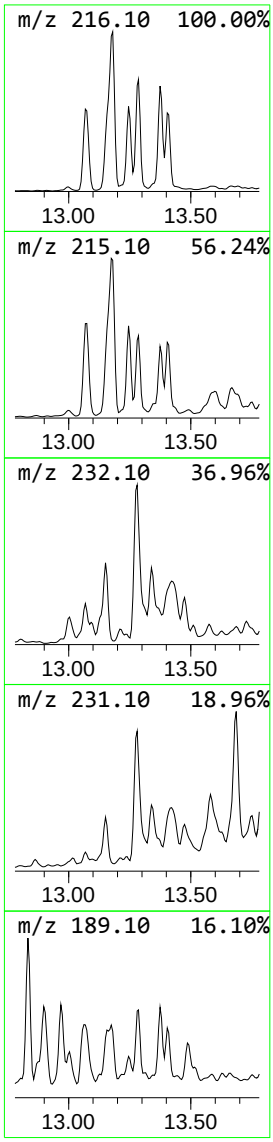
Peak Number 16 Pyrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.280	3.17 ng	266650	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





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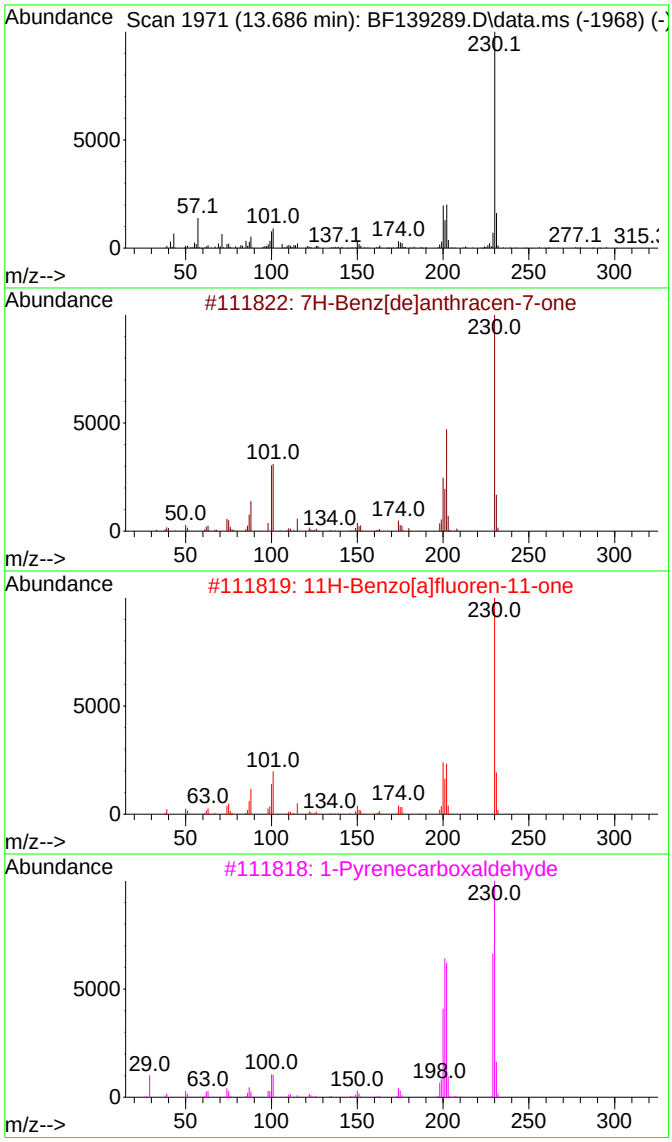
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

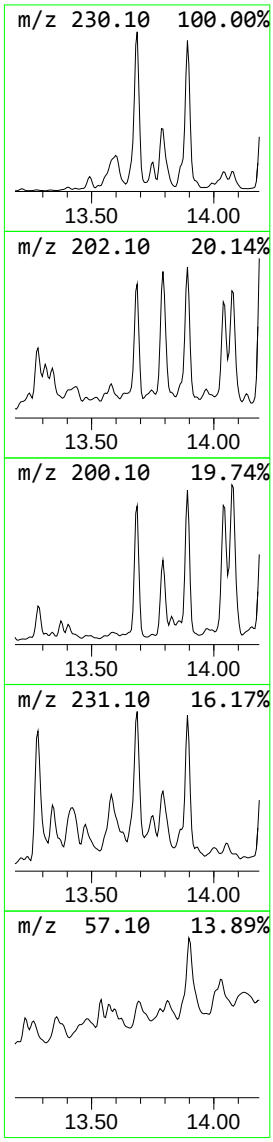
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.686	2.55 ng	214094	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5	benzonitrile, 2-(3-isoquinolinyl)-	230	C16H10N2	1000401-00-3	59





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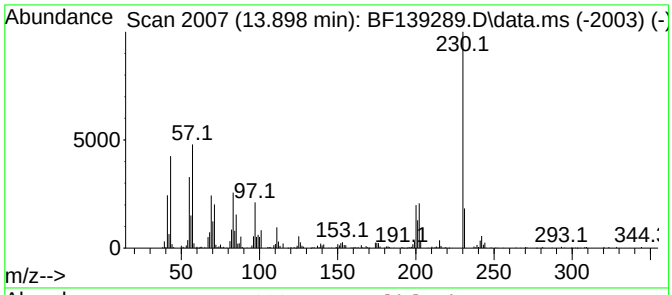
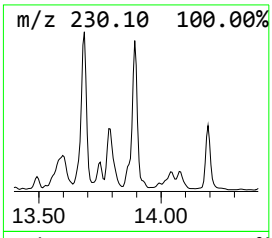
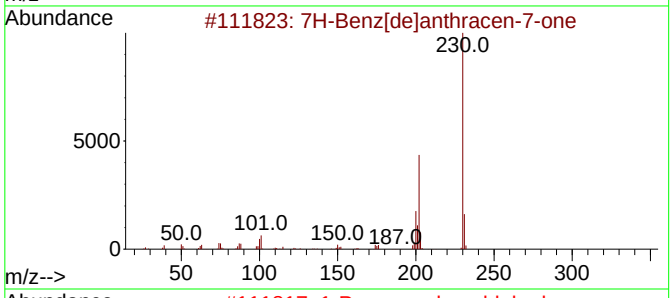
Peak Number 18 unknown13.898 Concentration Rank 6

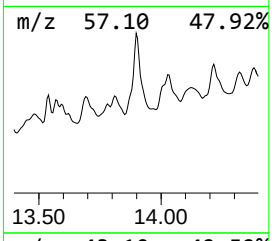
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	5.24 ng	439910	Chrysene-d12	14.051

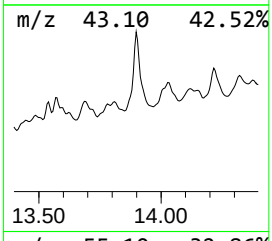
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	49
2	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	38
3	5,7-Dimethyl-8-hydroxyquinoline,...	287	C17H25NOSi	1000463-41-6	38
4	p-Terphenyl	230	C18H14	000092-94-4	35
5	m-Terphenyl	230	C18H14	000092-06-8	35

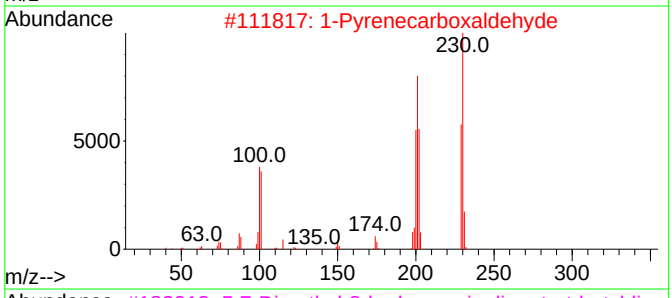


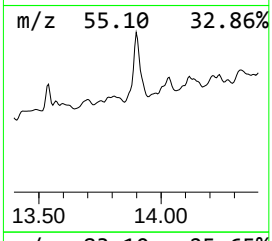


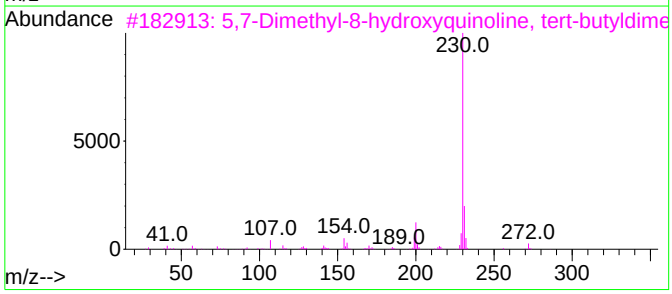


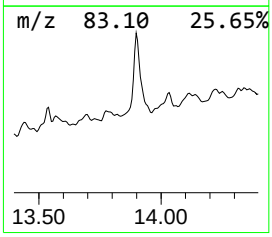












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
Data File : BF139289.D
Acq On : 09 Sep 2024 18:18
Operator : RC/JU
Sample : P3852-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ223

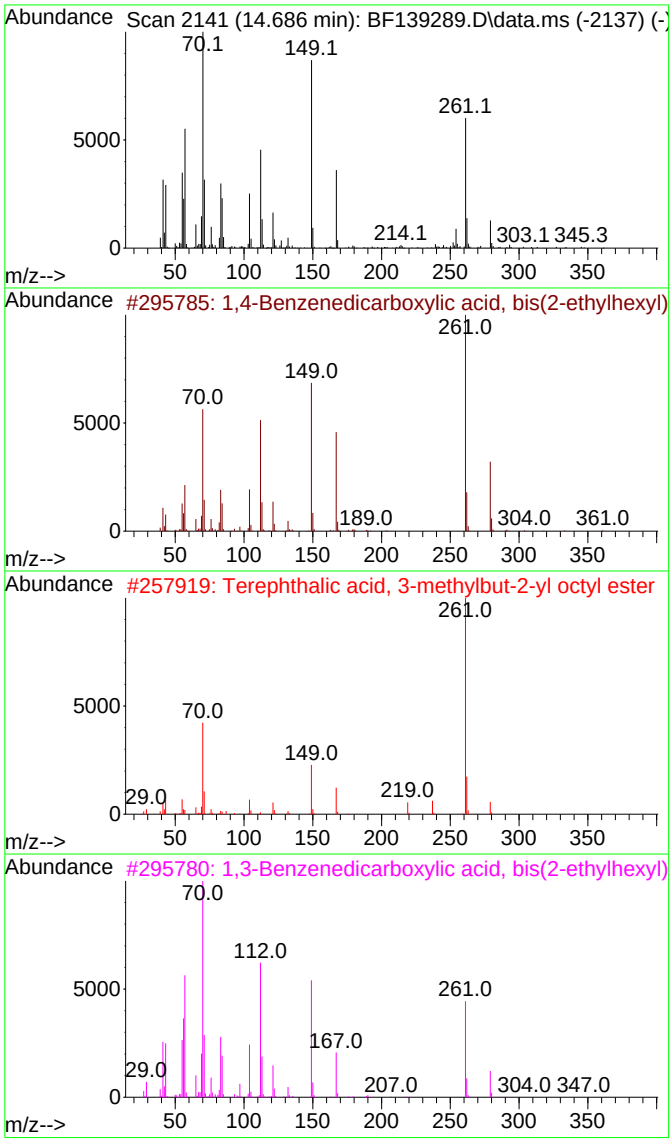
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

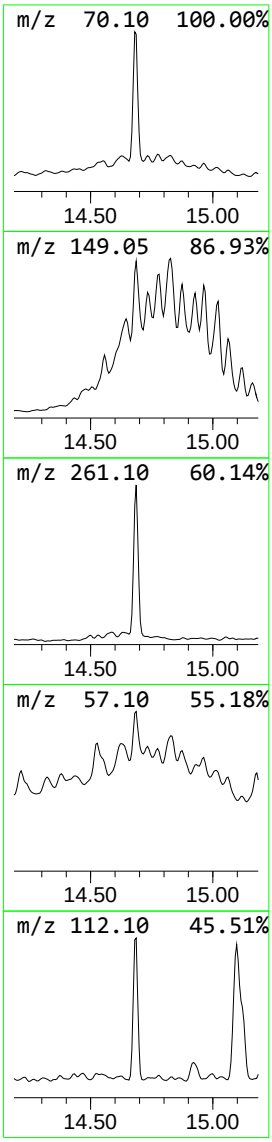
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,4-Benzenedicarboxylic aci... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.686	4.34 ng	364711	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	70
2	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	59
3	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	58
4	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	35
5	9-(2',2'-Dimethylpropanoilhydraz...	576	C30H42Cl2N4O3	1000111-04-6	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
Data File : BF139289.D
Acq On : 09 Sep 2024 18:18
Operator : RC/JU
Sample : P3852-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

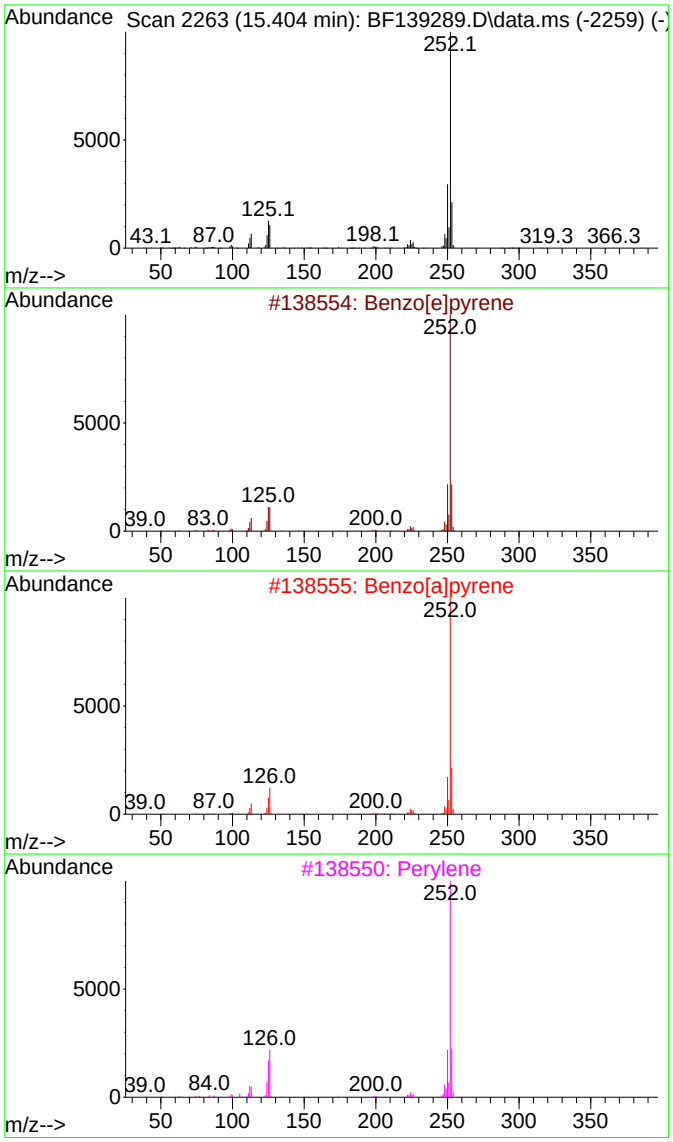
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

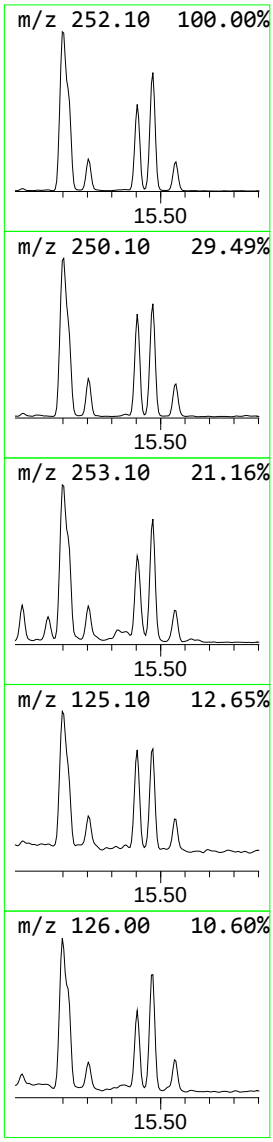
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.404	23.21 ng	498749	Perylene-d12	15.533

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	93
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
Data File : BF139289.D
Acq On : 09 Sep 2024 18:18
Operator : RC/JU
Sample : P3852-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.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
Butane, 2-metho...	2.199	83.0	ng	3167010	1	6.886	763261	20.0
2-Pentanone, 4-...	5.110	5.1	ng	193672	1	6.886	763261	20.0
Benzophenone	10.633	4.5	ng	231058	3	9.922	1026070	20.0
Azacyclodecan-2...	10.833	2.5	ng	107460	4	11.410	849033	20.0
unknown11.269	11.269	2.2	ng	94795	4	11.410	849033	20.0
Dibenzothiophene	11.304	2.3	ng	97323	4	11.410	849033	20.0
Anthracene, 2-m...	11.910	5.9	ng	251949	4	11.410	849033	20.0
Phenanthrene, 2...	11.939	12.5	ng	532325	4	11.410	849033	20.0
Benzaldehyde, 3...	12.022	13.4	ng	568247	4	11.410	849033	20.0
Phenanthrene, 2...	12.463	5.0	ng	212861	4	11.410	849033	20.0
unknown12.498	12.498	3.4	ng	145522	4	11.410	849033	20.0
Cyclopenta(def)...	12.545	3.8	ng	160417	4	11.410	849033	20.0
Benzene, 1,1'-(...	12.716	2.6	ng	110900	4	11.410	849033	20.0
Pyrene, 1-methyl-	13.068	2.8	ng	237839	5	14.051	1679720	20.0
11H-Benzo[b]flu...	13.174	5.0	ng	422818	5	14.051	1679720	20.0
Pyrene, 4-methyl-	13.280	3.2	ng	266650	5	14.051	1679720	20.0
7H-Benz[de]anth...	13.686	2.5	ng	214094	5	14.051	1679720	20.0
unknown13.898	13.898	5.2	ng	439910	5	14.051	1679720	20.0
1,4-Benzenedica...	14.686	4.3	ng	364711	5	14.051	1679720	20.0
Benzo[e]pyrene	15.404	23.2	ng	498749	6	15.533	429811	20.0