LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130921.D
Acq On : 02 Nov 2022 02:24
Operator : CG\JU
Sample : N5234-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-03-01-03

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130921.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.205	15	20	25	rVB	114464	144653	2.46%	0.238%
2	5.540	580	587	598	rVB	143075	144665	2.46%	0.238%
3	6.545	753	758	763	rBV2	148209	170094	2.89%	0.280%
4	6.934	821	824	828	rBV	490606	444900	7.57%	0.732%
5	7.198	864	869	875	rBV	115859	126905	2.16%	0.209%
6	8.222	1040	1043	1045	rBV	596952	481785	8.20%	0.792%
7	8.245	1045	1047	1049	rVB	228453	173437	2.95%	0.285%
8	8.939	1161	1165	1168	rVB	583412	496793	8.45%	0.817%
9	9.039	1177	1182	1185	rBV	536766	479013	8.15%	0.788%
10	9.298	1222	1226	1230	rVB	173536	140620	2.39%	0.231%
11	9.498	1257	1260	1265	rVB	141821	157725	2.68%	0.259%
12	9.569	1265	1272	1275	rBV	296420	394410	6.71%	0.649%
13	9.639	1280	1284	1287	rBV	487520	485631	8.26%	0.799%
14	9.669	1287	1289	1291	rVB	320623	229677	3.91%	0.378%
15	9.757	1299	1304	1309	rBV	255396	279475	4.76%	0.460%
16	9.839	1316	1318	1322	rVB2	191601	179471	3.05%	0.295%
17	9.986	1340	1343	1345	rVV	558238	479381	8.16%	0.789%
18	10.016	1345	1348	1351	rVV	953737	818408	13.93%	1.346%
19	10.086	1356	1360	1364	rBV2	106323	143397	2.44%	0.236%
20	10.139	1364	1369	1371	rVV2	90335	122769	2.09%	0.202%
21	10.192	1373	1378	1381	rVV	880963	862615	14.68%	1.419%
22	10.222	1381	1383	1387	rVB	159840	139347	2.37%	0.229%
23	10.298	1392	1396	1399	rBV2	177460	175819	2.99%	0.289%
24	10.328	1399	1401	1404	rVV	152830	116253	1.98%	0.191%
25	10.392	1407	1412	1413	rBV	123621	141101	2.40%	0.232%
26	10.539	1433	1437	1440	rVV	1462676	1344895	22.89%	2.212%
27	10.586	1441	1445	1446	rVV	121923	130615	2.22%	0.215%
28	10.598	1446	1447	1449	rVV	194171	158537	2.70%	0.261%
29	10.622	1449	1451	1453	rVV	264310	210806	3.59%	0.347%
30	10.692	1460	1463	1467	rVB	384616	350061	5.96%	0.576%
31	10.775	1474	1477	1481	rVV	468539	523327	8.91%	0.861%
32	10.822	1481	1485	1488	rVB2	99674	118576	2.02%	0.195%
33	10.898	1493	1498	1501	rVB4	105906	127937	2.18%	0.210%
34	11.086	1523	1530	1532	rBV	361316	431189	7.34%	0.709%
35	11.110	1532	1534	1537	rVV2	204869	196695	3.35%	0.324%
36	11.169	1541	1544	1546	rVB	191111	167980	2.86%	0.276%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130921.D
Acq On : 02 Nov 2022 02:24
Operator : CG\JU
Sample : N5234-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-03-01-03

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.210	1546	1551	1553	rBV3	178264	226537	3.86%	0.373%
38	11.233	1553	1555	1560	rVV3	221616	259609	4.42%	0.427%
39	11.280	1560	1563	1567	rVV3	141923	151596	2.58%	0.249%
40	11.322	1567	1570	1574	rVV	197334	240624	4.10%	0.396%
41	11.375	1576	1579	1584	rVB	520859	471272	8.02%	0.775%
42	11.480	1590	1597	1599	rBV	449450	575802	9.80%	0.947%
43	11.522	1599	1604	1606	rVV	4871310	5649967	96.16%	9.294%
44	11.563	1606	1611	1614	rVV	2464793	2208856	37.59%	3.633%
45	11.710	1629	1636	1639	rBV2	480491	520957	8.87%	0.857%
46	11.774	1645	1647	1651	rBV2	200396	161043	2.74%	0.265%
47	11.810	1651	1653	1658	rVB2	186855	187111	3.18%	0.308%
48	11.892	1665	1667	1672	rVB	123042	123967	2.11%	0.204%
49	11.986	1677	1683	1685	rBV	888918	870597	14.82%	1.432%
50	12.016	1685	1688	1691	rVB	1244363	1041610	17.73%	1.713%
51	12.063	1691	1696	1699	rBV	692483	632001	10.76%	1.040%
52	12.104	1699	1703	1705	rVV	1474717	1763248	30.01%	2.900%
53	12.122	1705	1706	1709	rVB	702333	351505	5.98%	0.578%
54	12.280	1730	1733	1735	rBV	667520	503421	8.57%	0.828%
55	12.310	1735	1738	1741	rVB	204806	176759	3.01%	0.291%
56	12.427	1753	1758	1761	rBV2	210133	230093	3.92%	0.378%
57	12.457	1761	1763	1765	rVB	175077	125661	2.14%	0.207%
58	12.480	1765	1767	1770	rVB	163933	152967	2.60%	0.252%
59	12.533	1770	1776	1779	rBV	478209	611613	10.41%	1.006%
60	12.574	1779	1783	1785	rVV2	317651	372738	6.34%	0.613%
61	12.627	1788	1792	1797	rVB2	341655	421849	7.18%	0.694%
62	12.716	1801	1807	1810	rBV	4527370	5495133	93.52%	9.039%
63	12.763	1813	1815	1819	rVB2	167254	137189	2.33%	0.226%
64	12.851	1823	1830	1834	rBV3	242283	444502	7.56%	0.731%
65	12.945	1839	1846	1849	rBV2	3981859	5875871	100.00%	9.665%
66	12.980	1849	1852	1856	rVB2	339519	379449	6.46%	0.624%
67	13.051	1860	1864	1866	rBV	362986	396466	6.75%	0.652%
68	13.086	1868	1870	1874	rVB2	287739	296038	5.04%	0.487%
69	13.151	1875	1881	1884	rBV2	436222	753483	12.82%	1.239%
70	13.233	1892	1895	1897	rBV3	304698	383072	6.52%	0.630%
71	13.263	1897	1900	1903	rVB	968651	858648	14.61%	1.412%
72	13.327	1907	1911	1913	rBV	791729	662498	11.27%	1.090%
73	13.363	1913	1917	1920	rVV2	552166	647059	11.01%	1.064%
74	13.457	1930	1933	1936	rBV	359689	327401	5.57%	0.539%
75	13.492	1936	1939	1942	rBV	356175	344490	5.86%	0.567%
76	13.568	1949	1952	1955	rVB4	107924	127642	2.17%	0.210%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130921.D
Acq On : 02 Nov 2022 02:24
Operator : CG\JU
Sample : N5234-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-03-01-03

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.633	1960	1963	1965	rBV3	103059	126901	2.16%	0.209%
78	13.663	1966	1968	1970	rVV2	139773	154466	2.63%	0.254%
79	13.745	1978	1982	1983	rBV2	132057	150638	2.56%	0.248%
80	13.768	1983	1986	1990	rVV	258516	352848	6.01%	0.580%
81	13.880	2001	2005	2008	rVV3	284439	398313	6.78%	0.655%
82	13.910	2008	2010	2012	rVV	466211	389159	6.62%	0.640%
83	13.933	2012	2014	2018	rVV2	312359	435919	7.42%	0.717%
84	13.974	2019	2021	2025	rVB	242272	253812	4.32%	0.417%
85	14.133	2040	2048	2051	rBV3	2018820	2928976	49.85%	4.818%
86	14.168	2051	2054	2058	rVB	1817464	1666143	28.36%	2.741%
87	14.245	2064	2067	2070	rBV	281975	249894	4.25%	0.411%
88	14.357	2082	2086	2089	rBV2	145335	214468	3.65%	0.353%
89	14.521	2111	2114	2117	rVV	457019	446858	7.60%	0.735%
90	14.557	2117	2120	2123	rVB	220427	210469	3.58%	0.346%
91	14.651	2133	2136	2137	rBV	196126	174785	2.97%	0.288%
92	14.668	2137	2139	2143	rVB2	225811	224944	3.83%	0.370%
93	15.215	2226	2232	2235	rBV	938391	1773815	30.19%	2.918%
94	15.321	2246	2250	2253	rVB	250349	256039	4.36%	0.421%
95	15.533	2281	2286	2291	rVB	555922	824757	14.04%	1.357%
96	15.598	2292	2297	2303	rVV	924126	1303157	22.18%	2.144%
97	15.657	2303	2307	2310	rVV3	208216	315253	5.37%	0.519%
98	15.692	2310	2313	2320	rVB2	274038	397162	6.76%	0.653%
99	17.221	2567	2573	2580	rVB2	304673	637958	10.86%	1.049%
100	17.692	2649	2653	2669	rVB2	205261	457781	7.79%	0.753%

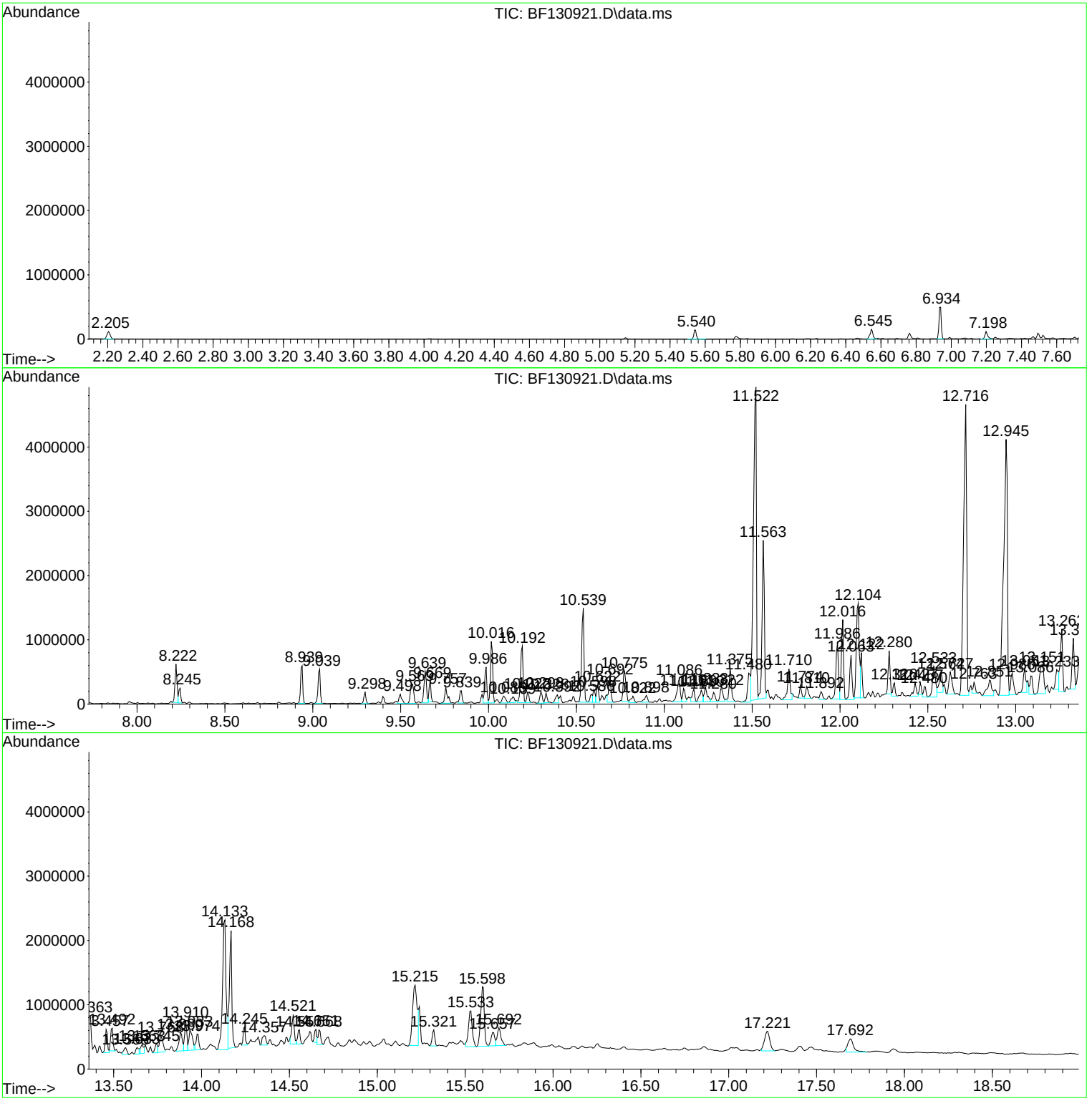
Sum of corrected areas: 60793821

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130921.D
Acq On : 02 Nov 2022 02:24
Operator : CG\JU
Sample : N5234-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-03-01-03

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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\BF110122\
Data File : BF130921.D
Acq On : 02 Nov 2022 02:24
Operator : CG\JU
Sample : N5234-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-03-01-03

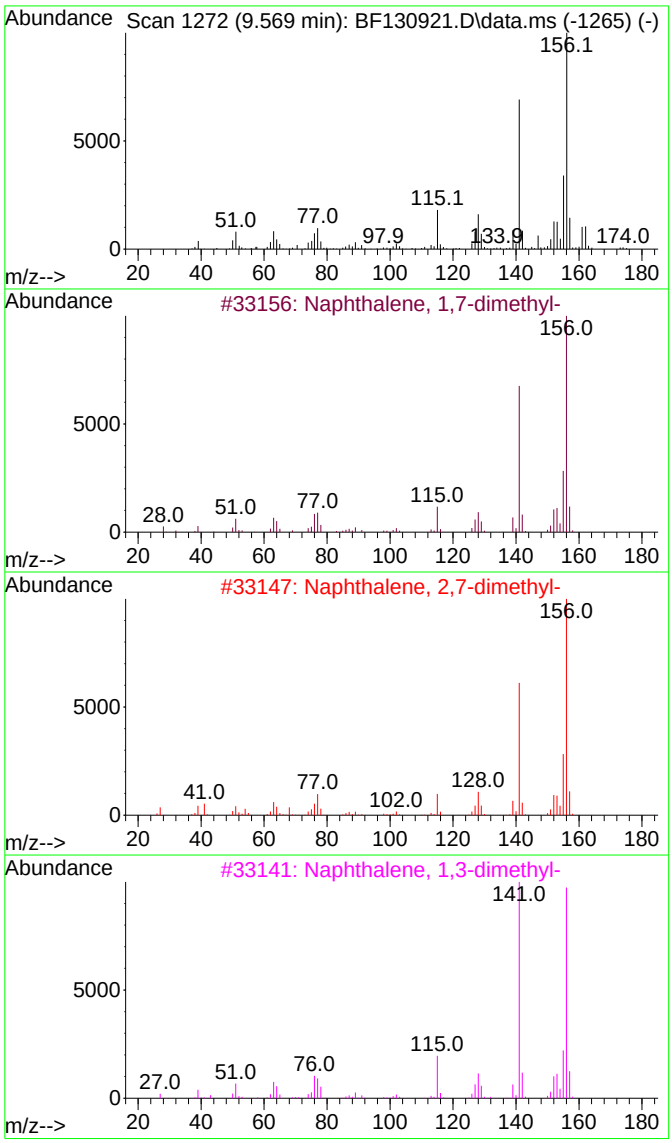
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

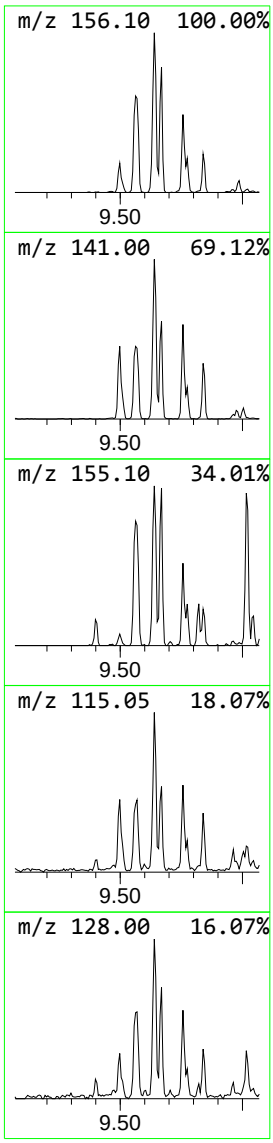
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	16.45 ng	394410	Acenaphthene-d10	9.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130921.D
Acq On : 02 Nov 2022 02:24
Operator : CG\JU
Sample : N5234-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-03-01-03

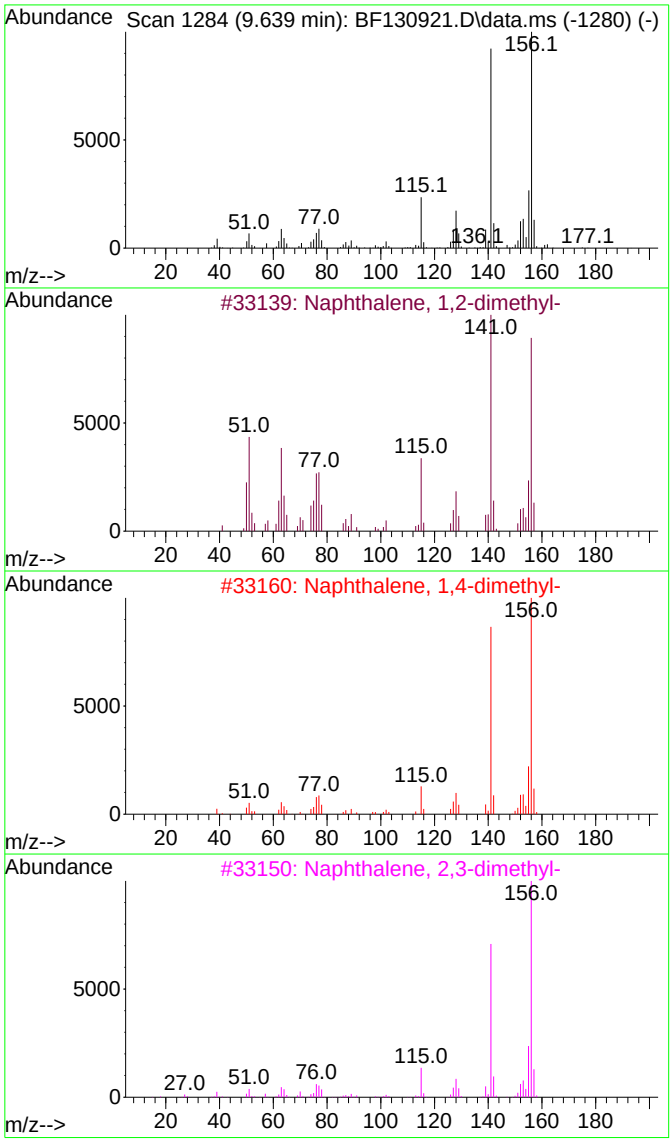
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

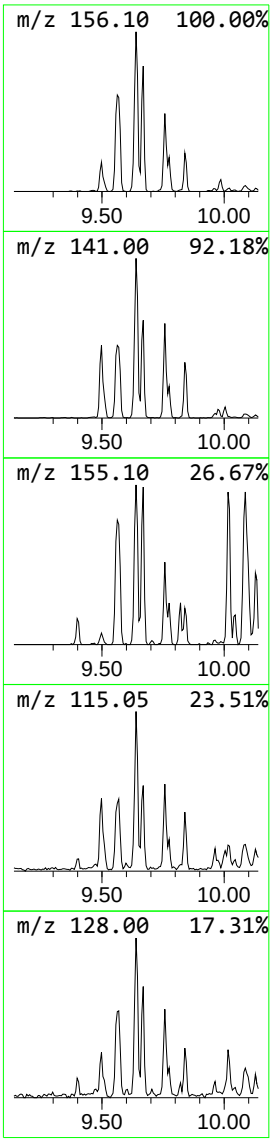
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.639	20.26 ng	485631	Acenaphthene-d10	9.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130921.D
Acq On : 02 Nov 2022 02:24
Operator : CG\JU
Sample : N5234-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-03-01-03

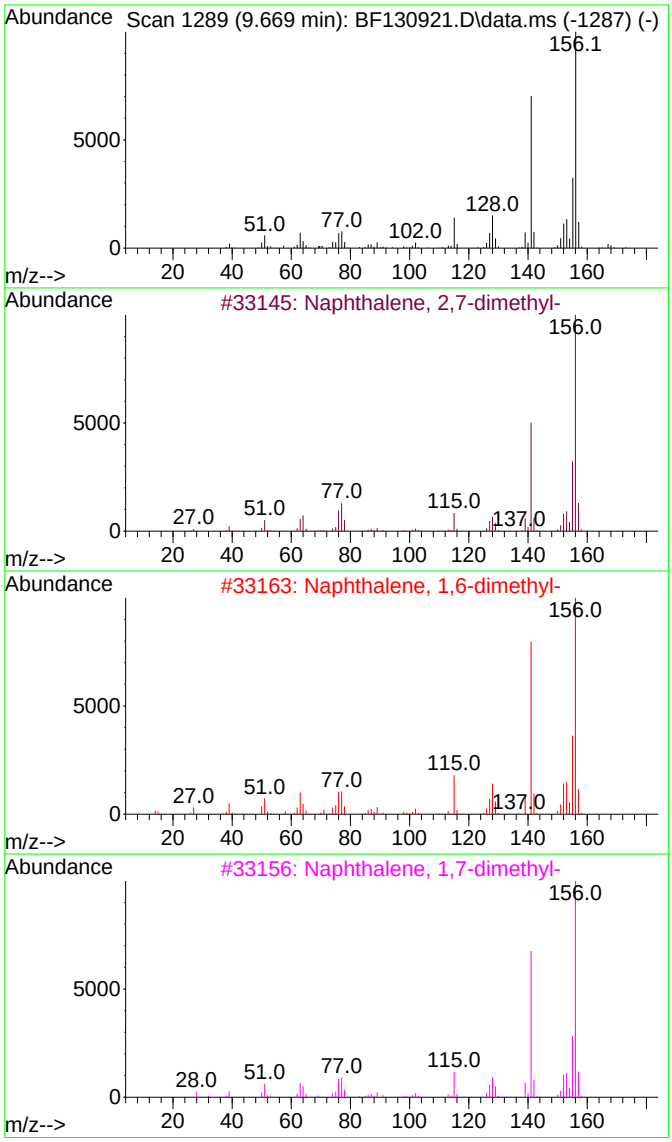
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

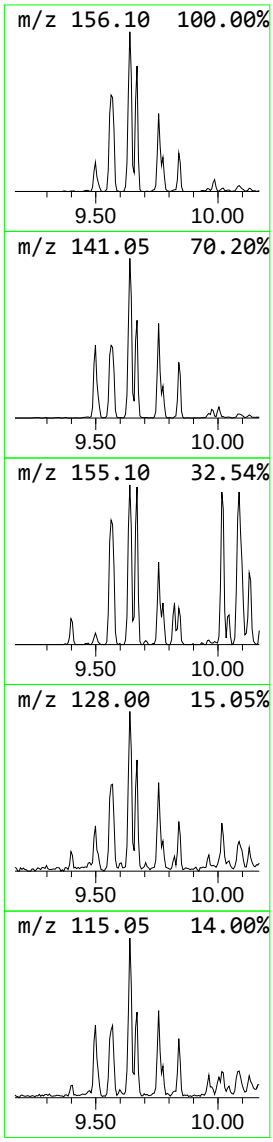
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.669	9.58 ng	229677	Acenaphthene-d10	9.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130921.D
Acq On : 02 Nov 2022 02:24
Operator : CG\JU
Sample : N5234-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-03-01-03

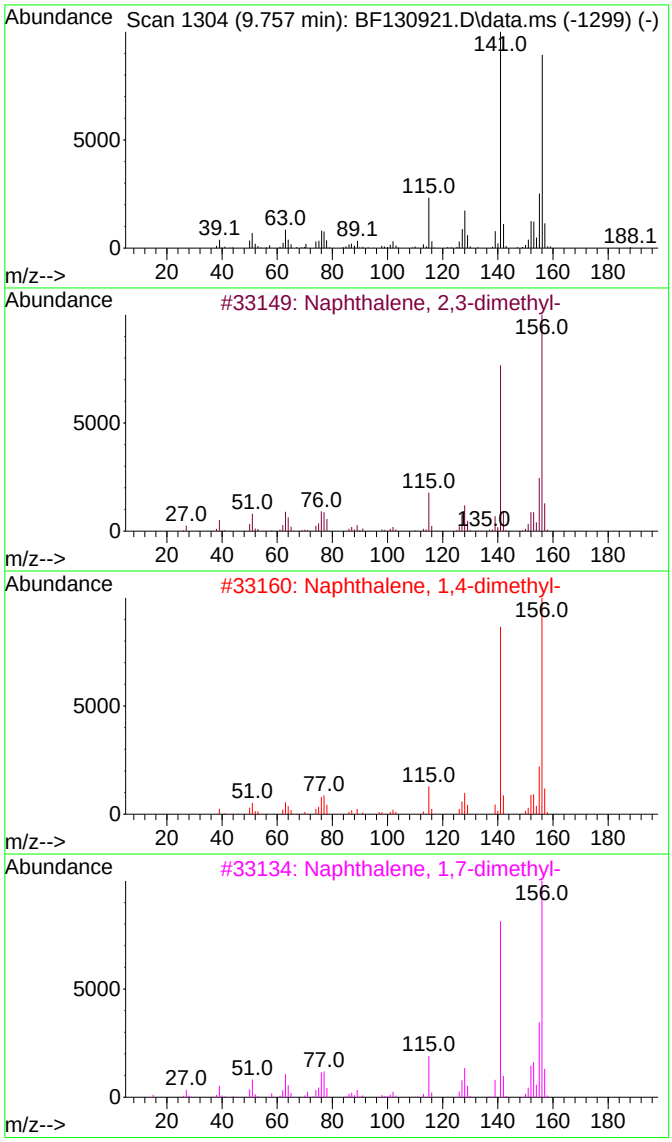
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

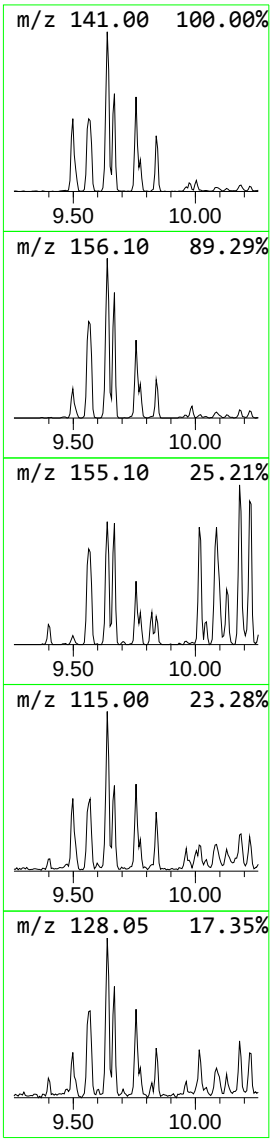
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.757	11.66 ng	279475	Acenaphthene-d10	9.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130921.D
Acq On : 02 Nov 2022 02:24
Operator : CG\JU
Sample : N5234-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-03-01-03

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

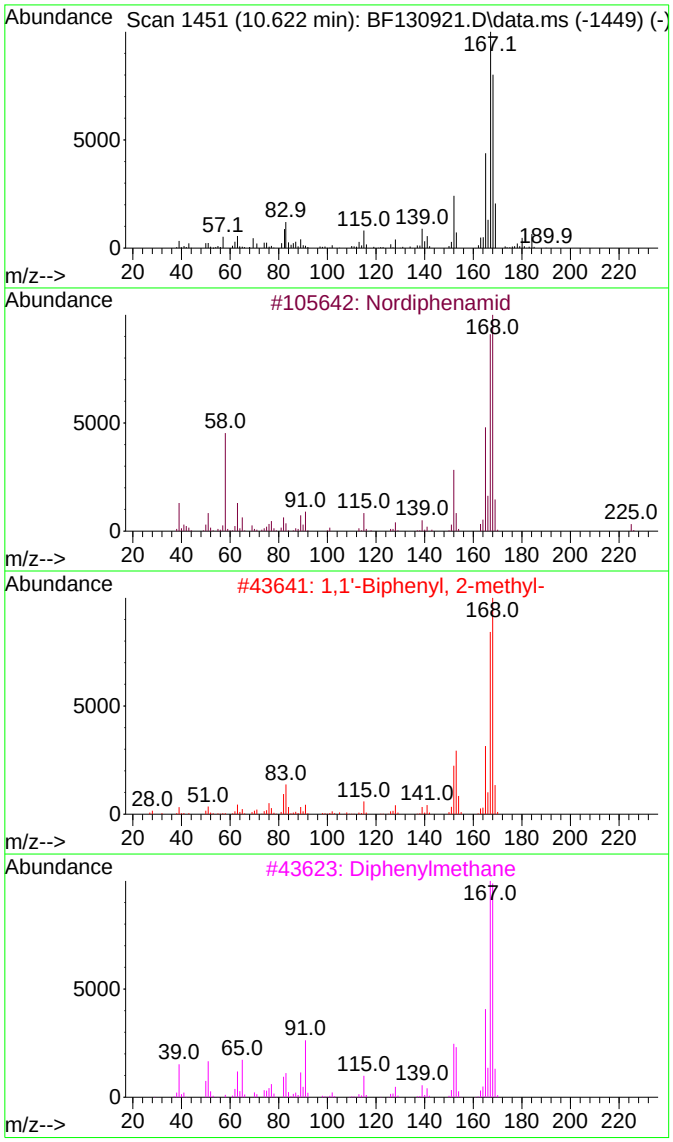
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

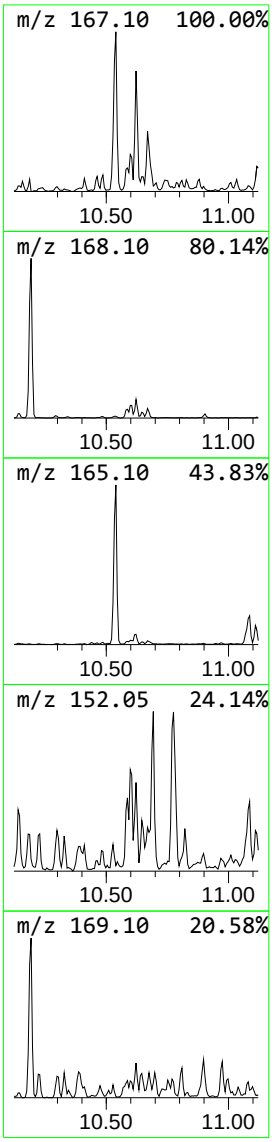
****

Peak Number 5 Nordiphenamid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	8.79 ng	210806	Acenaphthene-d10	9.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	78
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76
3	Diphenylmethane	168	C13H12	000101-81-5	76
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	53
5	2,2-Diphenylethanol	198	C14H14O	001883-32-5	50





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Acq On : 02 Nov 2022 02:24
Operator : CG\JU
Sample : N5234-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-03-01-03

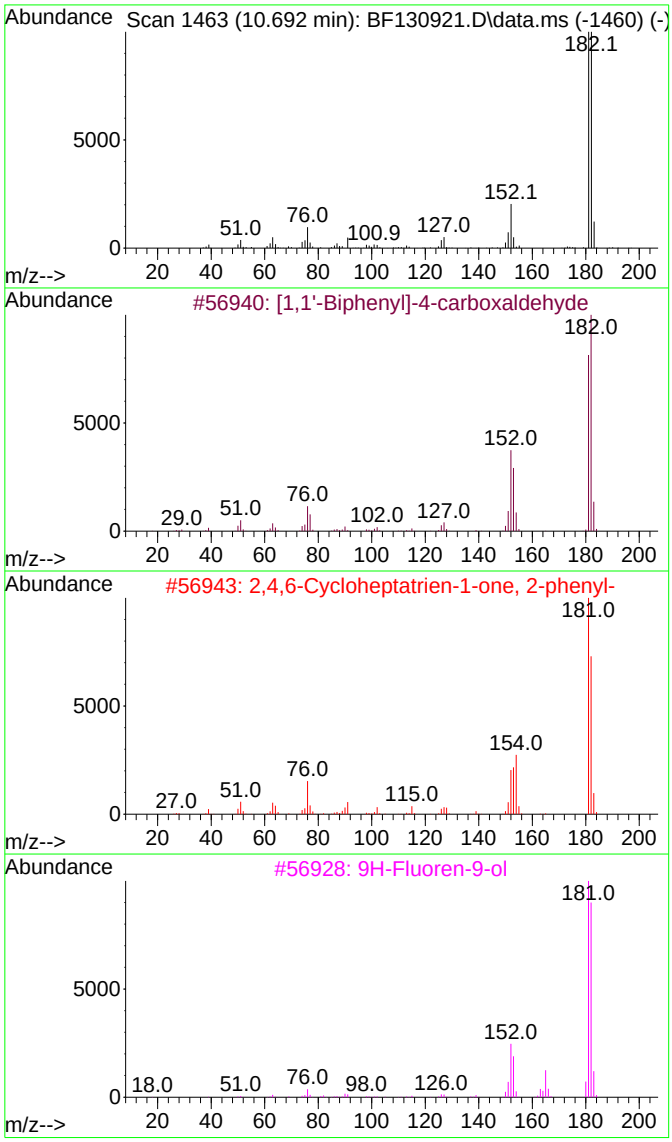
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

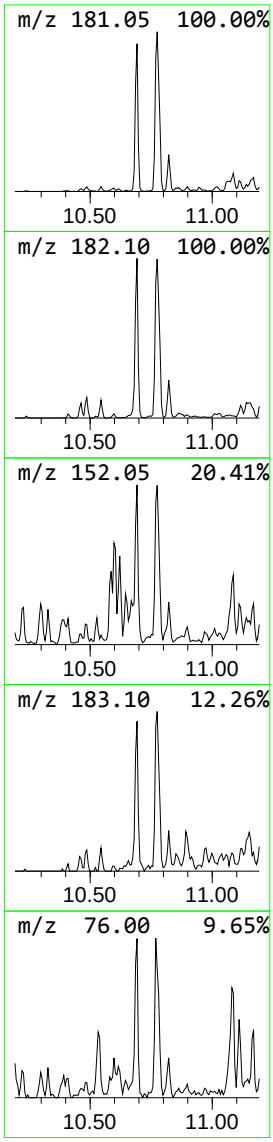
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.692	14.60 ng	350061	Acenaphthene-d10	9.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	72





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LSP-SS-03-01-03

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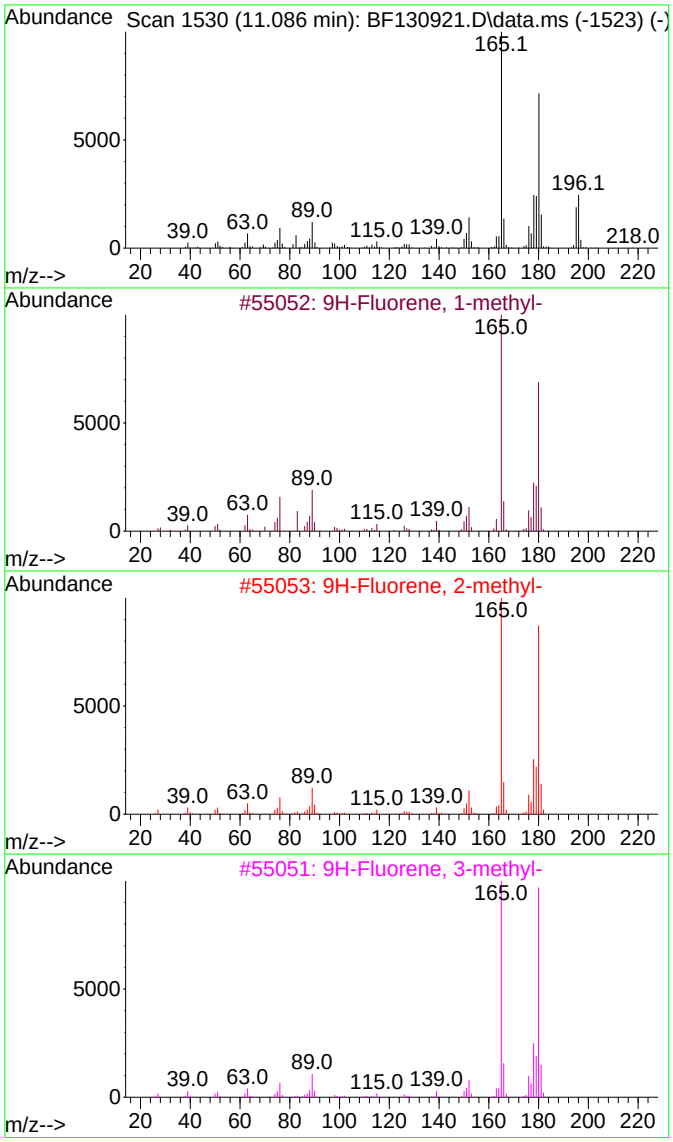
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

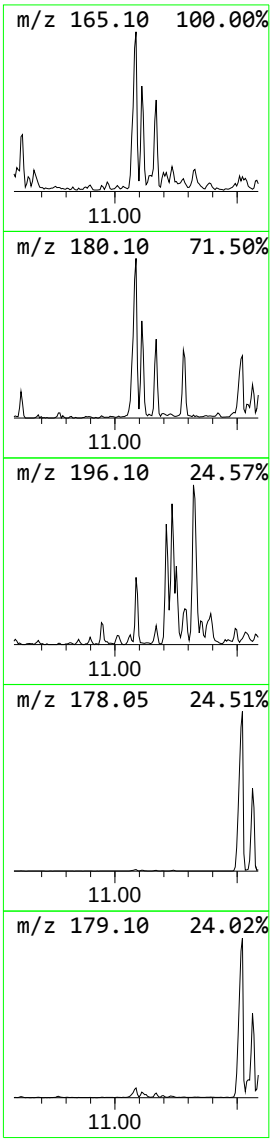
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.086	14.98 ng	431189	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	92
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	91
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	91
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	86





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Sample : N5234-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-03-01-03

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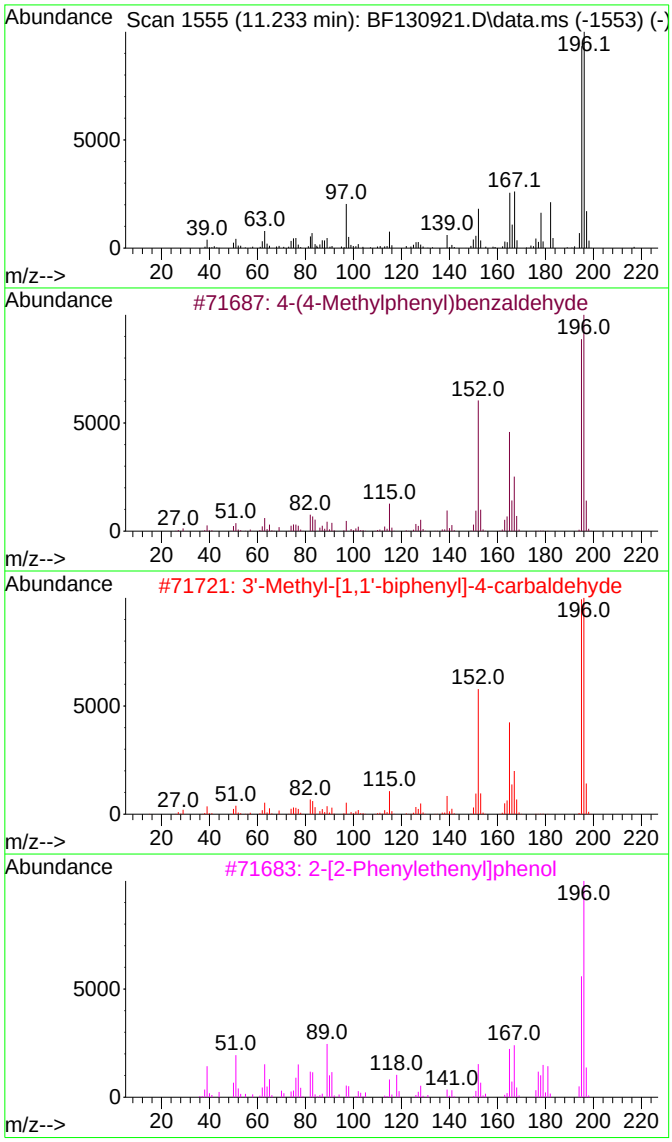
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

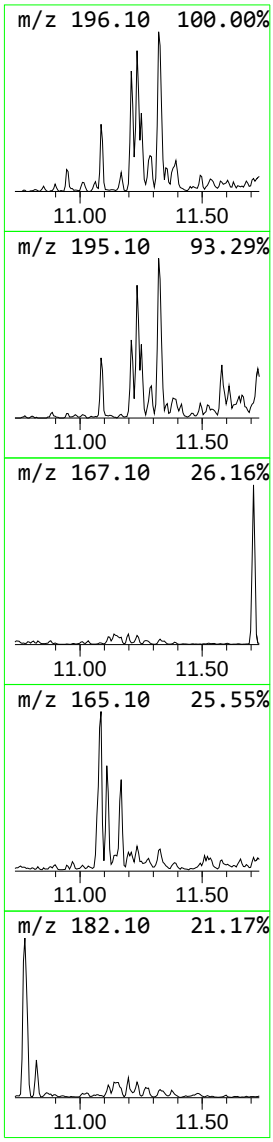
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4-(4-Methylphenyl)benzaldehyde Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	9.02 ng	259609	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	76
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	68
3	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	58
4	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	47
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	46





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Operator : CG\JU
Sample : N5234-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LSP-SS-03-01-03

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

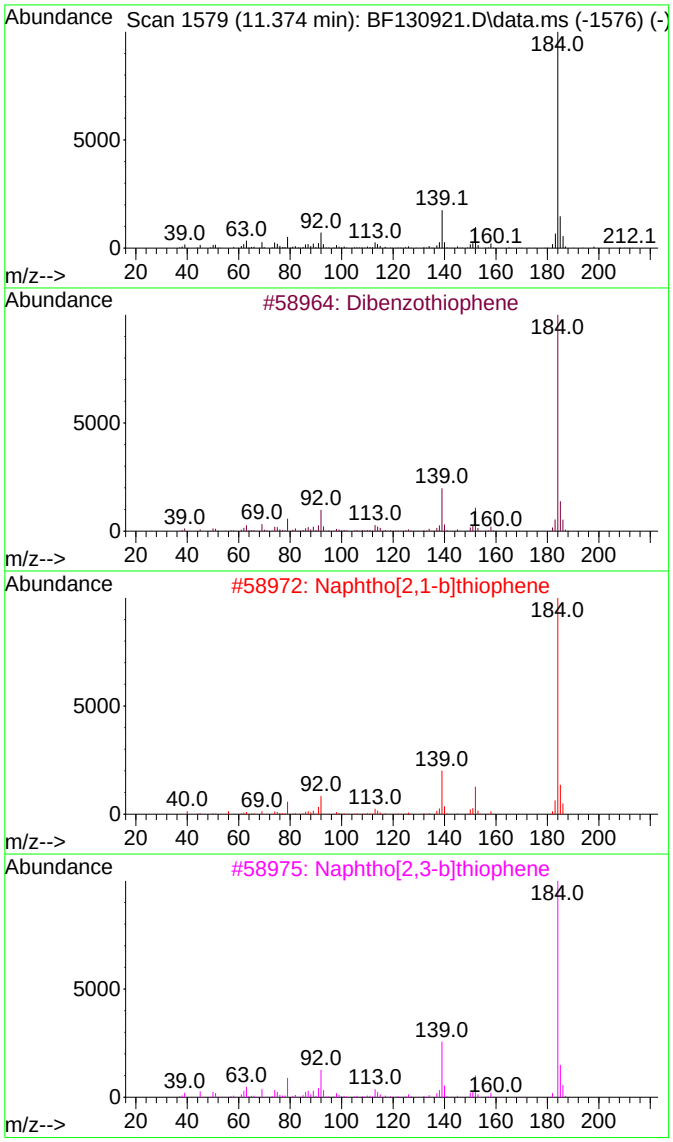
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

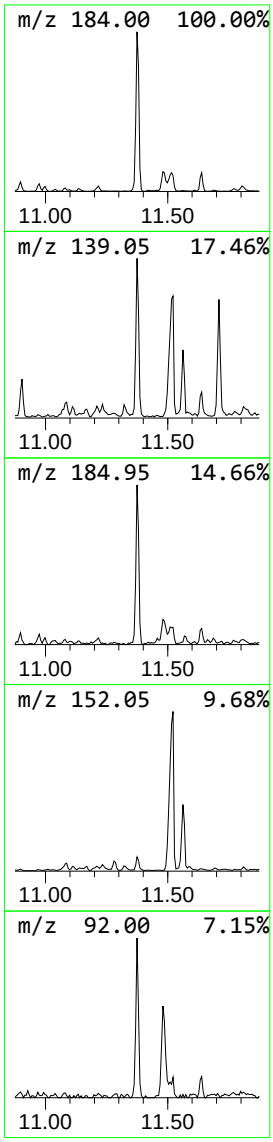
****

Peak Number 9 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.374	16.37 ng	471272	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Sample : N5234-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
LSP-SS-03-01-03

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

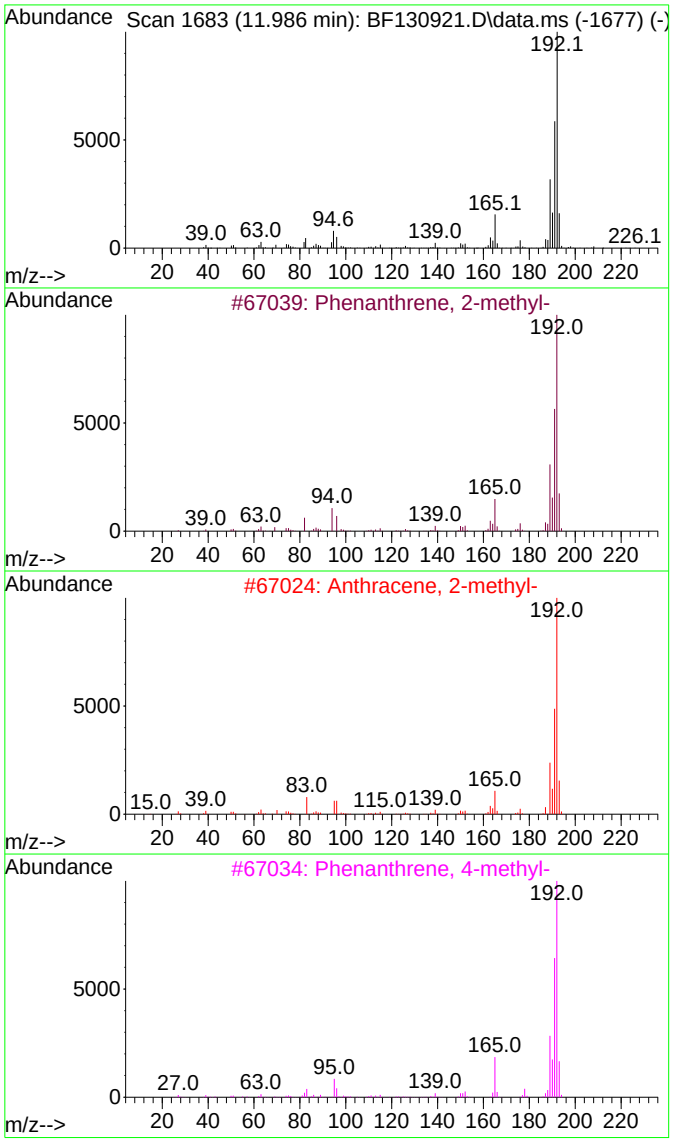
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

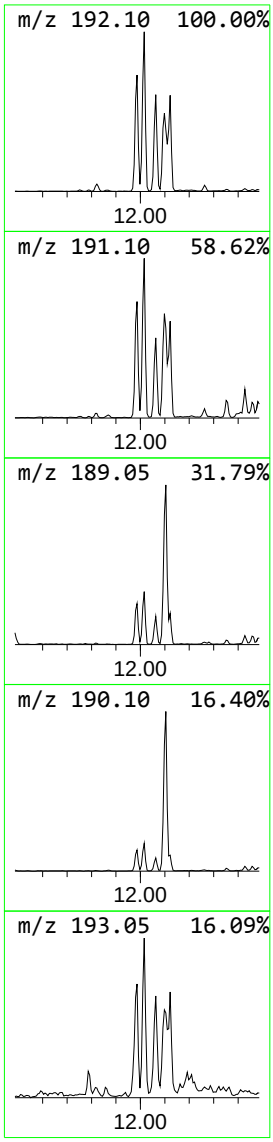
****

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	30.24 ng	870597	Phenanthrene-d10	11.480

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	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Sample : N5234-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-03-01-03

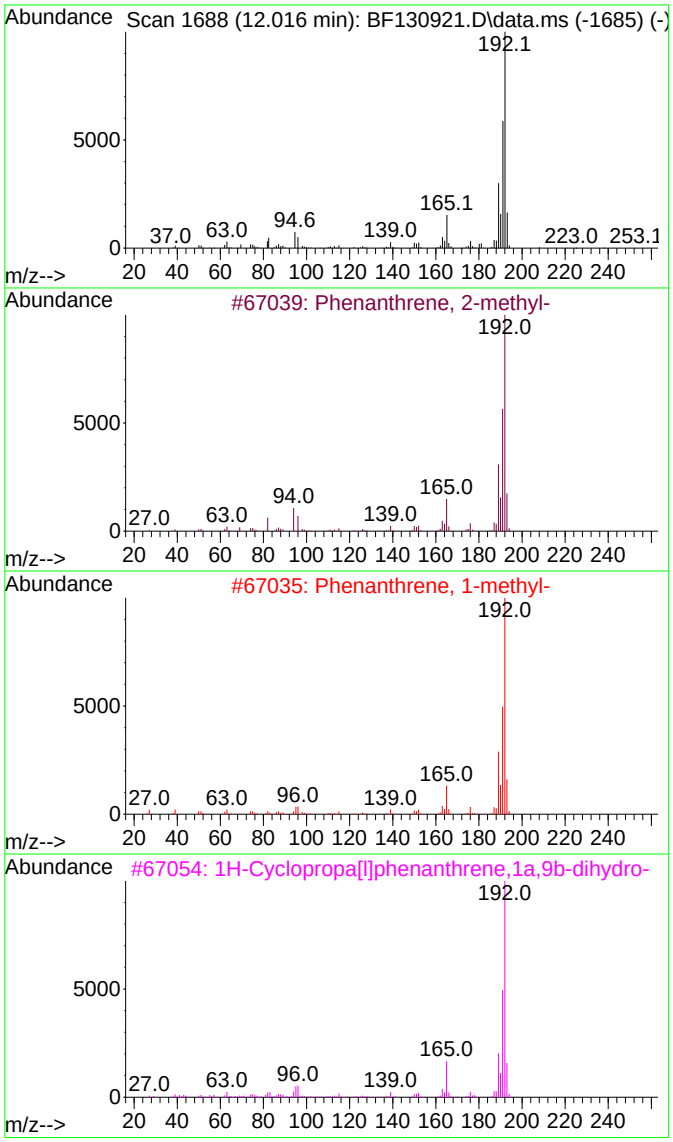
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

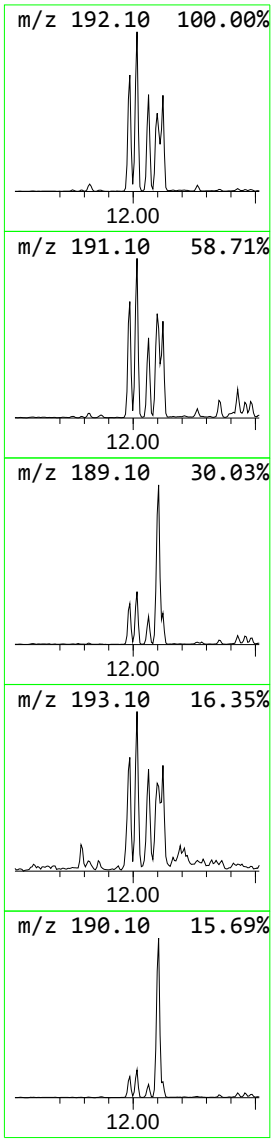
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	36.18 ng	1041610	Phenanthrene-d10	11.480

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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Operator : CG\JU
Sample : N5234-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

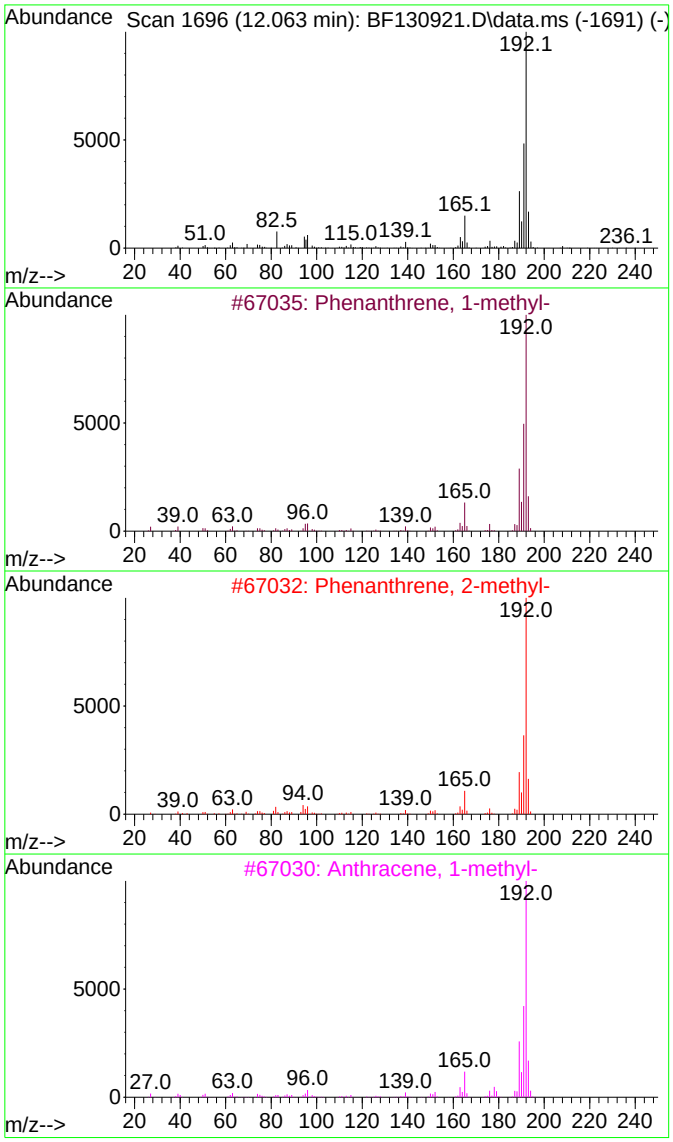
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

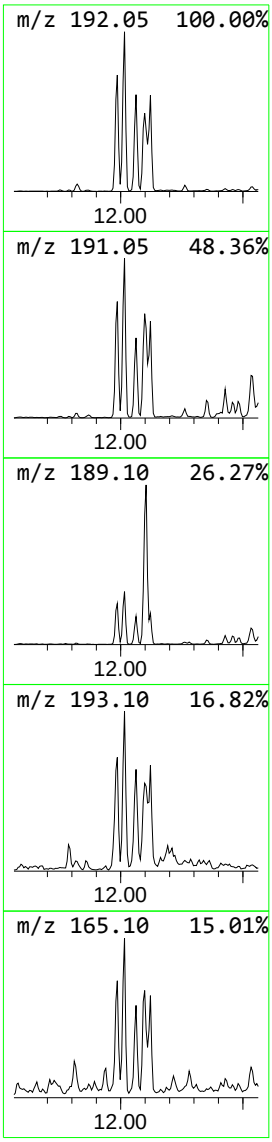
****

Peak Number 12 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.063	21.95 ng	632001	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Sample : N5234-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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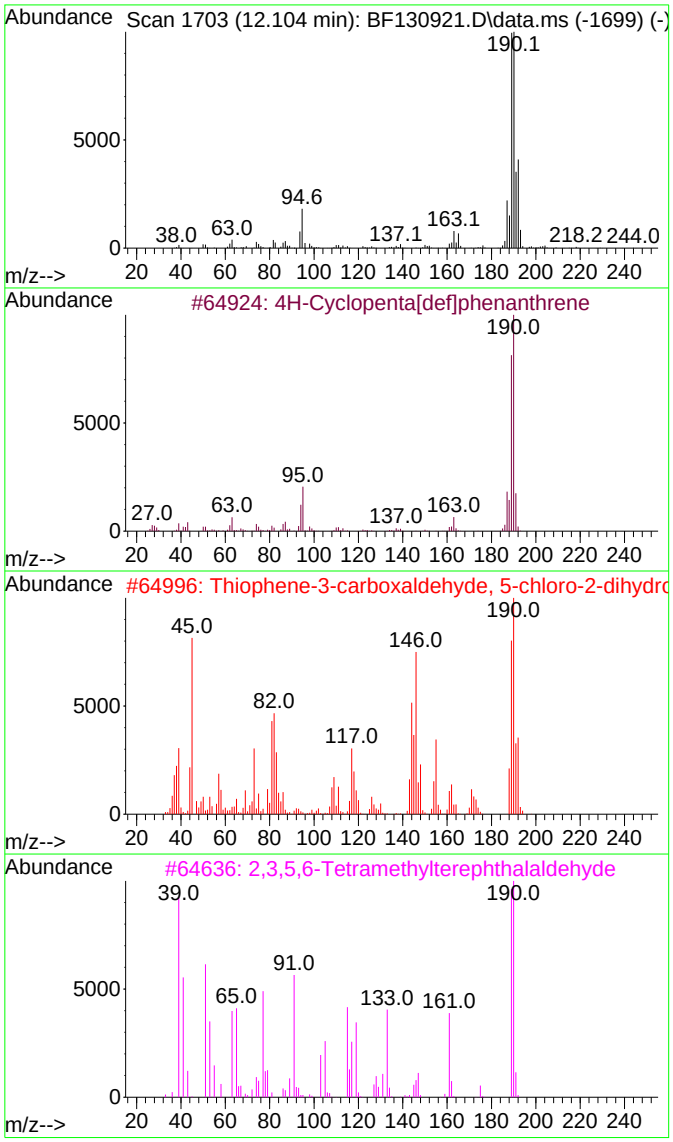
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

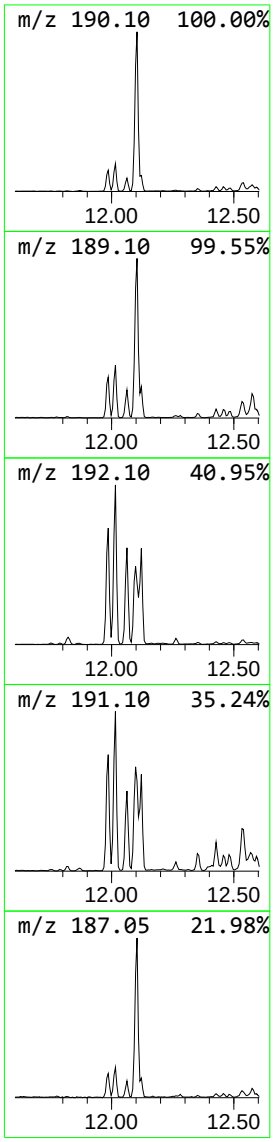
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	61.24 ng	1763250	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	58
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	38





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Misc :
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Instrument :
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ClientSampleId :
LSP-SS-03-01-03

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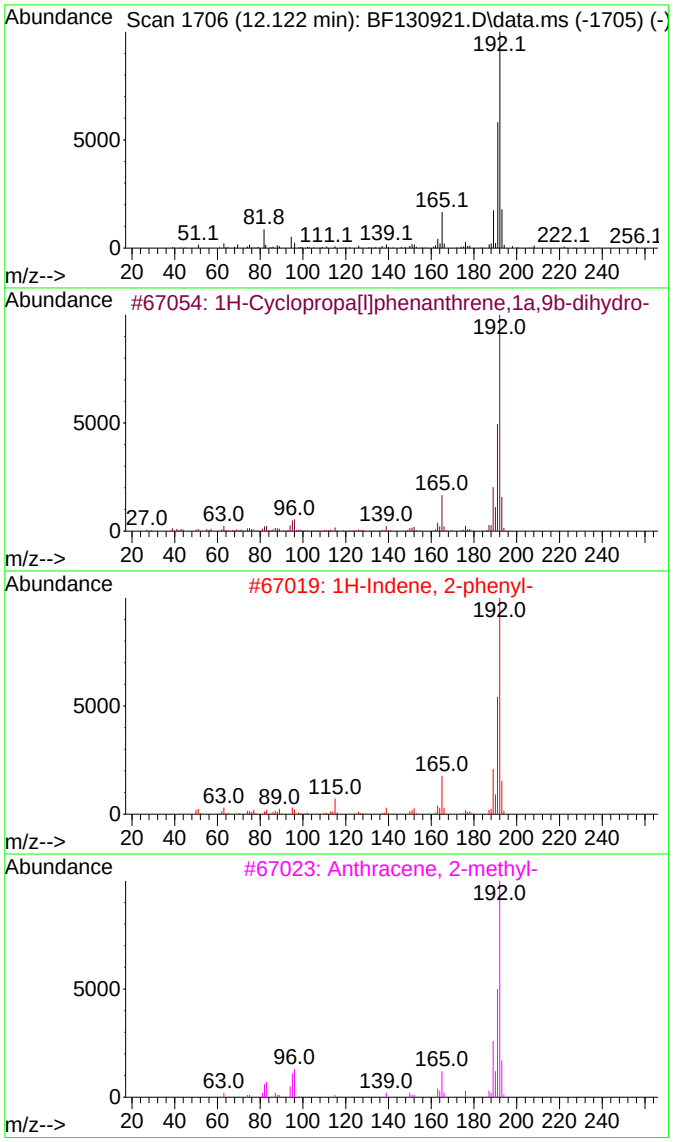
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

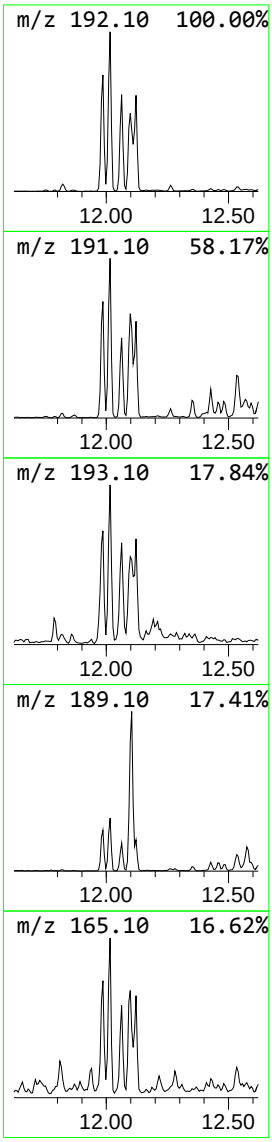
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.121	12.21 ng	351505	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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

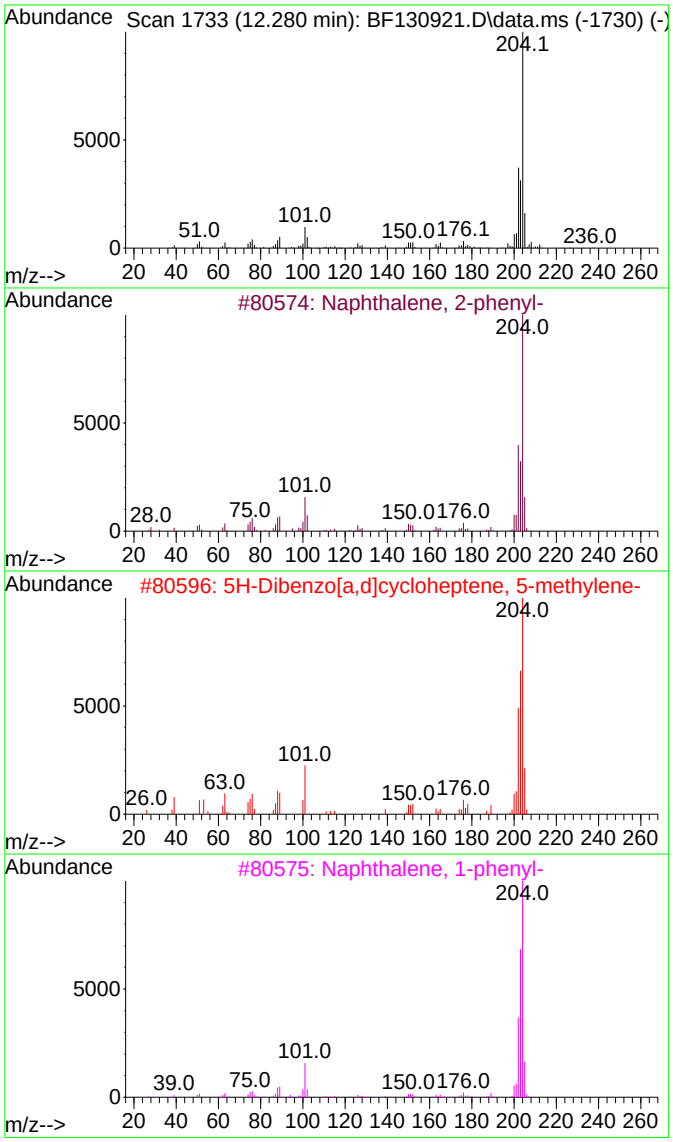
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

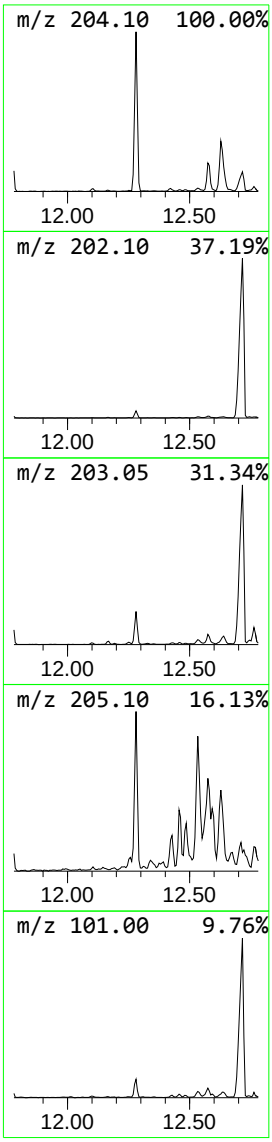
****

Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.280	17.49 ng	503421	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	64
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	53
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	52





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Misc :
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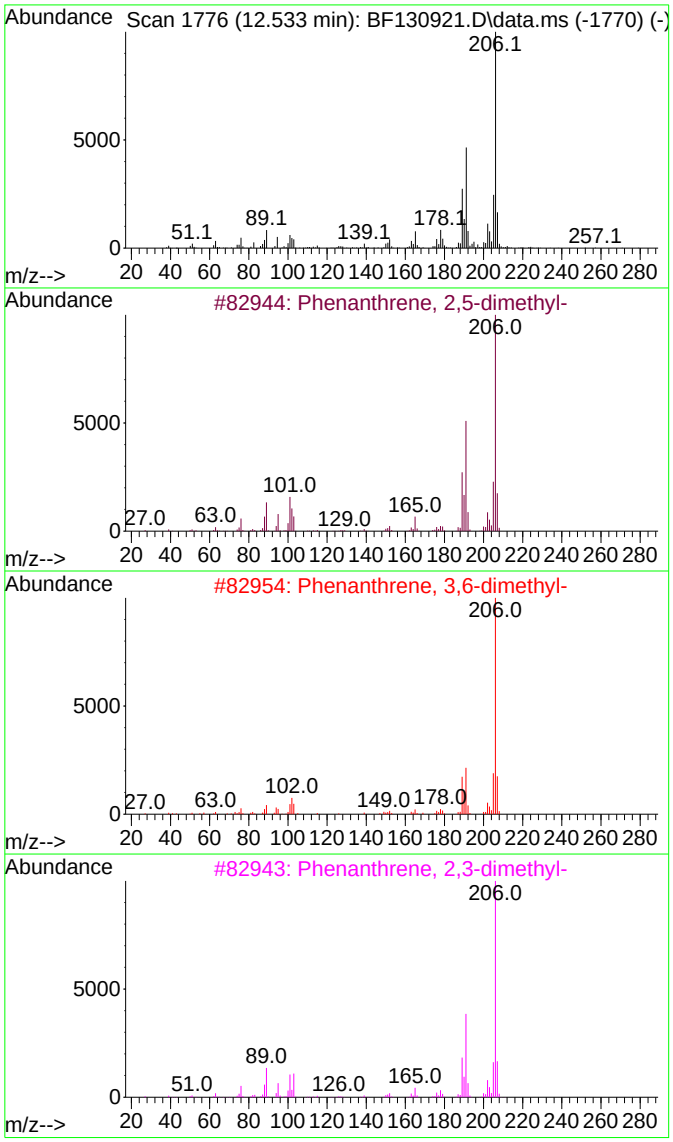
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

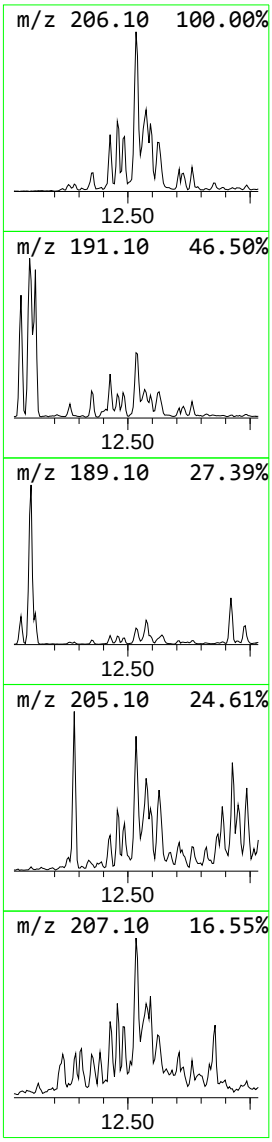
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	21.24 ng	611613	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





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Data File : BF130921.D
Acq On : 02 Nov 2022 02:24
Operator : CG\JU
Sample : N5234-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-03-01-03

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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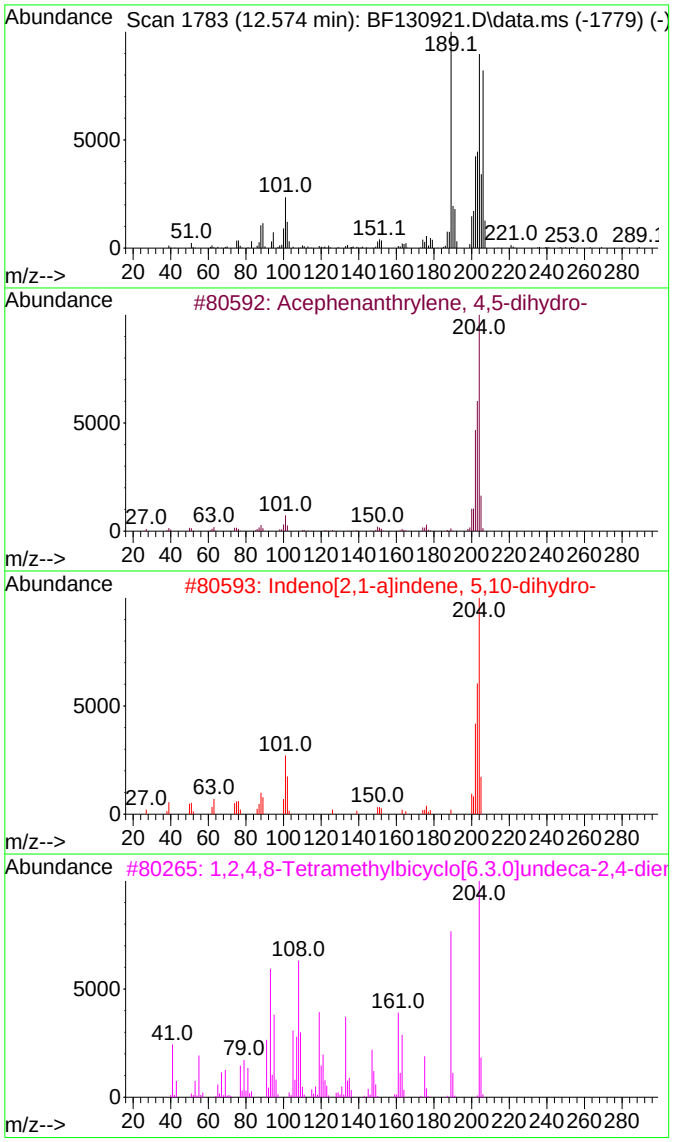
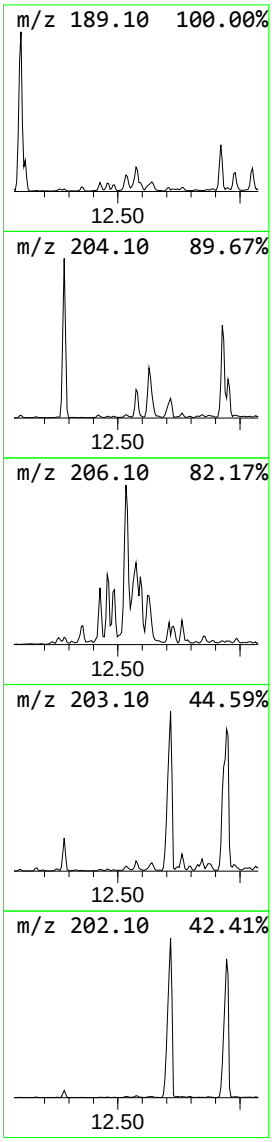
Peak Number 17 unknown12.574 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	12.95 ng	372738	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	42
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
5	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130921.D
Acq On : 02 Nov 2022 02:24
Operator : CG\JU
Sample : N5234-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-03-01-03

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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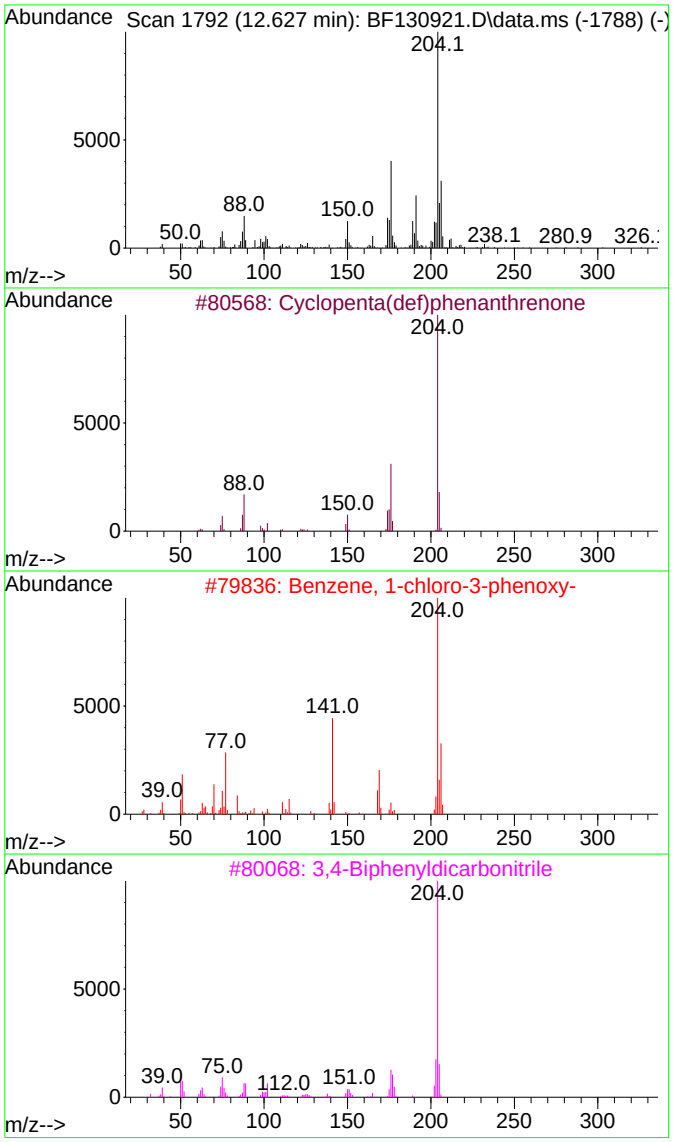
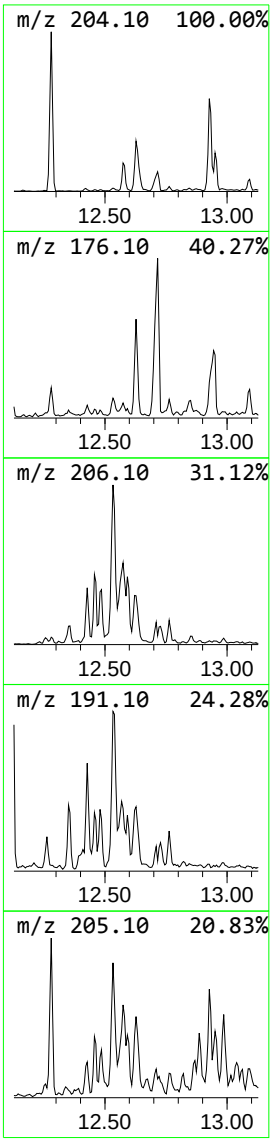
Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	14.65 ng	421849	Phenanthrene-d10	11.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	47
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47
4	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	47
5	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130921.D
Acq On : 02 Nov 2022 02:24
Operator : CG\JU
Sample : N5234-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-03-01-03

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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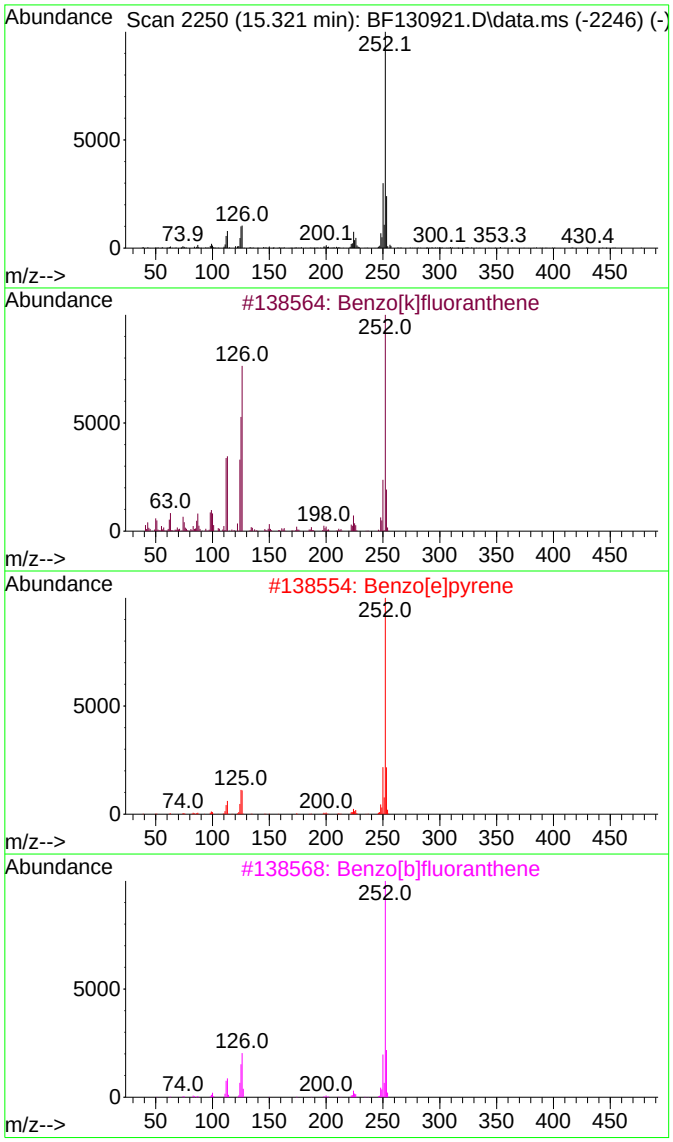
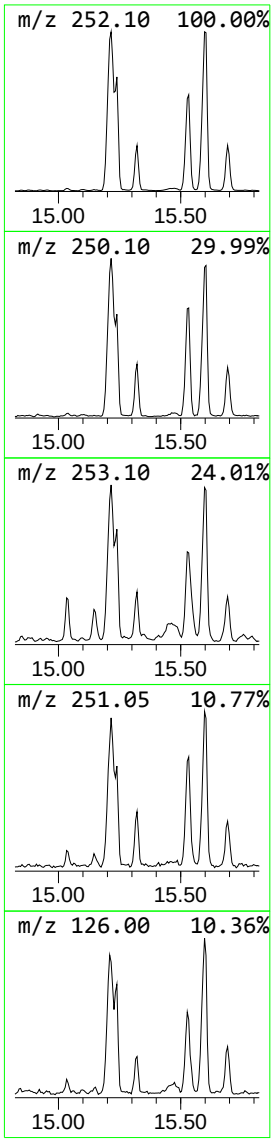
Peak Number 19 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	16.24 ng	256039	Perylene-d12	15.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[e]pyrene	252	C20H12	000192-97-2	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	81





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Data File : BF130921.D
Acq On : 02 Nov 2022 02:24
Operator : CG\JU
Sample : N5234-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-03-01-03

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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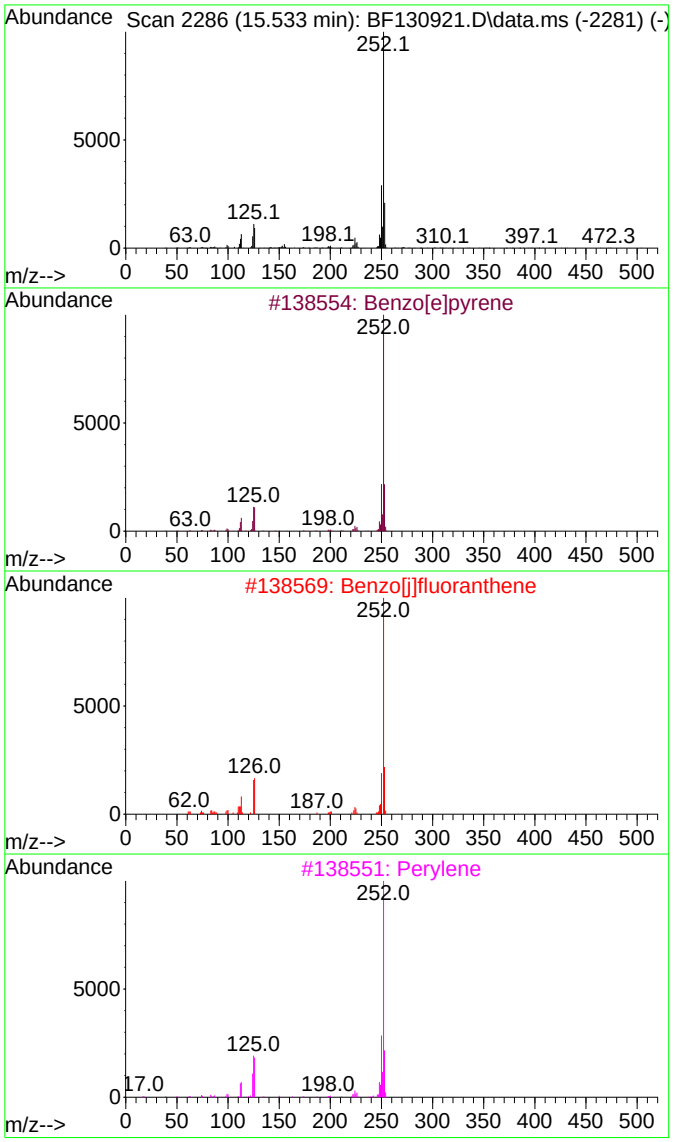
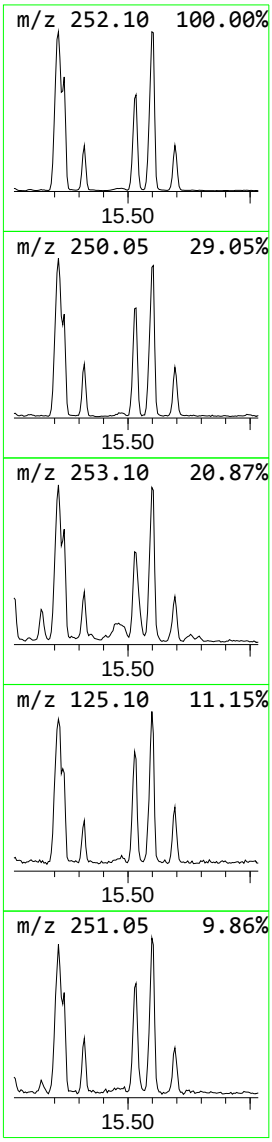
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.533	52.32 ng	824757	Perylene-d12	15.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110122\
Data File : BF130921.D
Acq On : 02 Nov 2022 02:24
Operator : CG\JU
Sample : N5234-01 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSP-SS-03-01-03

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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
Naphthalene, 1,...	9.569	16.4	ng	394410	3	9.986	479381	20.0
Naphthalene, 1,...	9.639	20.3	ng	485631	3	9.986	479381	20.0
Naphthalene, 2,...	9.669	9.6	ng	229677	3	9.986	479381	20.0
Naphthalene, 2,...	9.757	11.7	ng	279475	3	9.986	479381	20.0
Nordiphenamid	10.622	8.8	ng	210806	3	9.986	479381	20.0
[1,1'-Biphenyl]...	10.692	14.6	ng	350061	3	9.986	479381	20.0
9H-Fluorene, 1-...	11.086	15.0	ng	431189	4	11.480	575802	20.0
4-(4-Methylphen...	11.233	9.0	ng	259609	4	11.480	575802	20.0
Dibenzothiophene	11.374	16.4	ng	471272	4	11.480	575802	20.0
Phenanthrene, 2...	11.986	30.2	ng	870597	4	11.480	575802	20.0
Phenanthrene, 1...	12.016	36.2	ng	1041610	4	11.480	575802	20.0
Anthracene, 1-m...	12.063	21.9	ng	632001	4	11.480	575802	20.0
4H-Cyclopenta[d...	12.104	61.2	ng	1763250	4	11.480	575802	20.0
1H-Cyclopropa[l...	12.121	12.2	ng	351505	4	11.480	575802	20.0
Naphthalene, 2-...	12.280	17.5	ng	503421	4	11.480	575802	20.0
Phenanthrene, 2...	12.533	21.2	ng	611613	4	11.480	575802	20.0
unknown12.574	12.574	12.9	ng	372738	4	11.480	575802	20.0
Cyclopenta(def)...	12.627	14.7	ng	421849	4	11.480	575802	20.0
Benzo[e]pyrene	15.321	16.2	ng	256039	6	15.663	315253	20.0
Benzo[j]fluoran...	15.533	52.3	ng	824757	6	15.663	315253	20.0