LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130509.D
Acq On : 03 Oct 2022 20:32
Operator : CG\JU
Sample : N4907-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-222

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: BF130509.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.822	458	465	468	rBV	1331711	1826621	8.93%	0.964%
2	5.240	532	536	552	rVB	1657367	1538709	7.52%	0.812%
3	6.281	709	713	732	rBV	1573671	1506105	7.36%	0.795%
4	6.640	770	774	777	rBV	520133	438592	2.14%	0.231%
5	7.204	866	870	873	rBV	1357269	1026915	5.02%	0.542%
6	7.951	987	997	1000	rBV	6616857	6875833	33.61%	3.629%
7	7.992	1001	1004	1011	rVB	337719	302040	1.48%	0.159%
8	8.634	1109	1113	1116	rBV	3037236	2577930	12.60%	1.361%
9	8.734	1125	1130	1133	rVB	2096525	1707129	8.34%	0.901%
10	8.998	1171	1175	1178	rVB	1534598	1300463	6.36%	0.686%
11	9.098	1184	1192	1197	rBV	656602	668804	3.27%	0.353%
12	9.186	1205	1207	1213	rVB	243405	286250	1.40%	0.151%
13	9.257	1214	1219	1223	rBV	668038	902920	4.41%	0.477%
14	9.334	1227	1232	1234	rBV	1023795	1067380	5.22%	0.563%
15	9.357	1234	1236	1240	rVB	738882	576660	2.82%	0.304%
16	9.445	1245	1251	1256	rBV	541640	600472	2.94%	0.317%
17	9.528	1260	1265	1271	rBV	674814	641808	3.14%	0.339%
18	9.657	1283	1287	1288	rBV	392647	429225	2.10%	0.227%
19	9.669	1288	1289	1292	rVV	569047	337044	1.65%	0.178%
20	9.704	1292	1295	1298	rVV	1422271	1222139	5.97%	0.645%
21	9.875	1320	1324	1328	rVB	2628180	2436518	11.91%	1.286%
22	9.986	1338	1343	1345	rBV3	261966	274749	1.34%	0.145%
23	10.222	1379	1383	1388	rVB	2705211	2448302	11.97%	1.292%
24	10.375	1406	1409	1412	rVB	701350	580644	2.84%	0.306%
25	10.457	1417	1423	1427	rBV	1703127	1743873	8.52%	0.920%
26	10.763	1469	1475	1478	rBV2	461530	566088	2.77%	0.299%
27	10.969	1506	1510	1513	rVB	2183259	2028605	9.92%	1.071%
28	11.051	1519	1524	1527	rVB	1735466	1438164	7.03%	0.759%
29	11.210	1538	1551	1552	rBV	11249363	20456917	100.00%	10.796%
30	11.245	1552	1557	1559	rVV	4989578	4467476	21.84%	2.358%
31	11.269	1559	1561	1563	rVV	586063	479520	2.34%	0.253%
32	11.369	1575	1578	1579	rVV	543845	465262	2.27%	0.246%
33	11.398	1579	1583	1590	rVV	3582298	3424287	16.74%	1.807%
34	11.451	1590	1592	1595	rVV3	461905	405564	1.98%	0.214%
35	11.486	1595	1598	1602	rVB3	498766	579904	2.83%	0.306%
36	11.557	1607	1610	1615	rVB2	1532881	1432372	7.00%	0.756%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
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Acq On : 03 Oct 2022 20:32
Operator : CG\JU
Sample : N4907-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-222

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	11.657	1623	1627	1629	rVV	2210501	2112252	10.33%	1.115%
38	11.686	1629	1632	1636	rVV	3314909	3002719	14.68%	1.585%
39	11.733	1636	1640	1643	rVV	888753	833593	4.07%	0.440%
40	11.769	1643	1646	1648	rVV	3182671	3300125	16.13%	1.742%
41	11.792	1648	1650	1653	rVB	1519859	1147442	5.61%	0.606%
42	11.839	1655	1658	1660	rBV	271574	280533	1.37%	0.148%
43	11.863	1660	1662	1664	rVV2	337706	309241	1.51%	0.163%
44	11.951	1674	1677	1680	rVV	1312719	1187946	5.81%	0.627%
45	11.986	1680	1683	1687	rVB	1143187	1101678	5.39%	0.581%
46	12.098	1697	1702	1705	rBV3	307598	402295	1.97%	0.212%
47	12.127	1705	1707	1709	rVV	436851	393871	1.93%	0.208%
48	12.157	1709	1712	1716	rVB2	235134	265628	1.30%	0.140%
49	12.204	1716	1720	1723	rBV	871779	1020624	4.99%	0.539%
50	12.251	1723	1728	1730	rVV	4938640	5828589	28.49%	3.076%
51	12.275	1730	1732	1735	rVV	5467698	4700268	22.98%	2.481%
52	12.310	1735	1738	1742	rVB	880617	1094789	5.35%	0.578%
53	12.398	1742	1753	1755	rBV	9888357	17349283	84.81%	9.156%
54	12.433	1757	1759	1762	rVV	424800	420737	2.06%	0.222%
55	12.522	1769	1774	1777	rBV	949214	1018836	4.98%	0.538%
56	12.622	1783	1791	1793	rBV2	8730939	15350490	75.04%	8.101%
57	12.651	1793	1796	1803	rVB2	783913	899553	4.40%	0.475%
58	12.722	1803	1808	1809	rBV	779744	825435	4.03%	0.436%
59	12.745	1809	1812	1813	rVV	1574831	1500796	7.34%	0.792%
60	12.757	1813	1814	1818	rVB	1024693	778011	3.80%	0.411%
61	12.822	1818	1825	1827	rBV2	798794	1364175	6.67%	0.720%
62	12.851	1827	1830	1832	rVB	474629	367879	1.80%	0.194%
63	12.898	1835	1838	1840	rBV3	669614	790159	3.86%	0.417%
64	12.927	1840	1843	1846	rVB	1252310	1160923	5.67%	0.613%
65	12.992	1850	1854	1856	rVB	988638	843671	4.12%	0.445%
66	13.027	1856	1860	1863	rBV2	1233075	1280436	6.26%	0.676%
67	13.116	1872	1875	1878	rBV	538326	511745	2.50%	0.270%
68	13.151	1878	1881	1884	rBV	606428	645678	3.16%	0.341%
69	13.321	1903	1910	1912	rBV7	235202	486049	2.38%	0.257%
70	13.433	1926	1929	1933	rVB	1169544	1152392	5.63%	0.608%
71	13.539	1943	1947	1950	rBV	1393126	1429549	6.99%	0.754%
72	13.569	1950	1952	1954	rVV	994041	843910	4.13%	0.445%
73	13.592	1954	1956	1962	rVV3	880493	1390547	6.80%	0.734%
74	13.645	1962	1965	1968	rVB	1064218	1063820	5.20%	0.561%
75	13.710	1973	1976	1979	rVB	266224	275973	1.35%	0.146%
76	13.798	1983	1991	1994	rBV2	5094793	9142264	44.69%	4.825%

LSC Area Percent Report

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Operator : CG\JU
Sample : N4907-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

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	13.839	1994	1998	2003	rVV	5058149	5708543	27.91%	3.013%
78	13.904	2006	2009	2011	rVV	761854	631654	3.09%	0.333%
79	13.939	2013	2015	2017	rVV	394098	398095	1.95%	0.210%
80	13.986	2021	2023	2025	rVV	390381	389780	1.91%	0.206%
81	14.021	2027	2029	2032	rVV	644819	602181	2.94%	0.318%
82	14.139	2046	2049	2051	rVV2	434520	485964	2.38%	0.256%
83	14.180	2051	2056	2059	rVV	1093728	1377825	6.74%	0.727%
84	14.210	2059	2061	2065	rVV	590128	600964	2.94%	0.317%
85	14.268	2065	2071	2074	rVV3	469860	829817	4.06%	0.438%
86	14.304	2074	2077	2078	rVV	504573	528602	2.58%	0.279%
87	14.321	2078	2080	2083	rVV	522644	489116	2.39%	0.258%
88	14.374	2087	2089	2094	rVB2	306027	314517	1.54%	0.166%
89	14.651	2132	2136	2143	rVB2	324594	407273	1.99%	0.215%
90	14.816	2156	2164	2170	rBV	3303655	7520429	36.76%	3.969%
91	14.898	2175	2178	2181	rVB	532705	459741	2.25%	0.243%
92	14.980	2188	2192	2198	rBV3	187316	475889	2.33%	0.251%
93	15.080	2204	2209	2214	rVV	1623720	2302438	11.26%	1.215%
94	15.145	2214	2220	2224	rVB	2510947	3291088	16.09%	1.737%
95	15.192	2224	2228	2229	rBV	288244	325668	1.59%	0.172%
96	15.221	2229	2233	2238	rVB	944119	1185877	5.80%	0.626%
97	16.527	2447	2455	2460	rBV2	995458	1903967	9.31%	1.005%
98	16.668	2475	2479	2484	rBV	176104	309757	1.51%	0.163%
99	16.927	2515	2523	2532	rVB	698340	1538125	7.52%	0.812%
100	17.127	2553	2557	2569	rVB2	189591	471244	2.30%	0.249%

Sum of corrected areas: 189483742

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130509.D
Acq On : 03 Oct 2022 20:32
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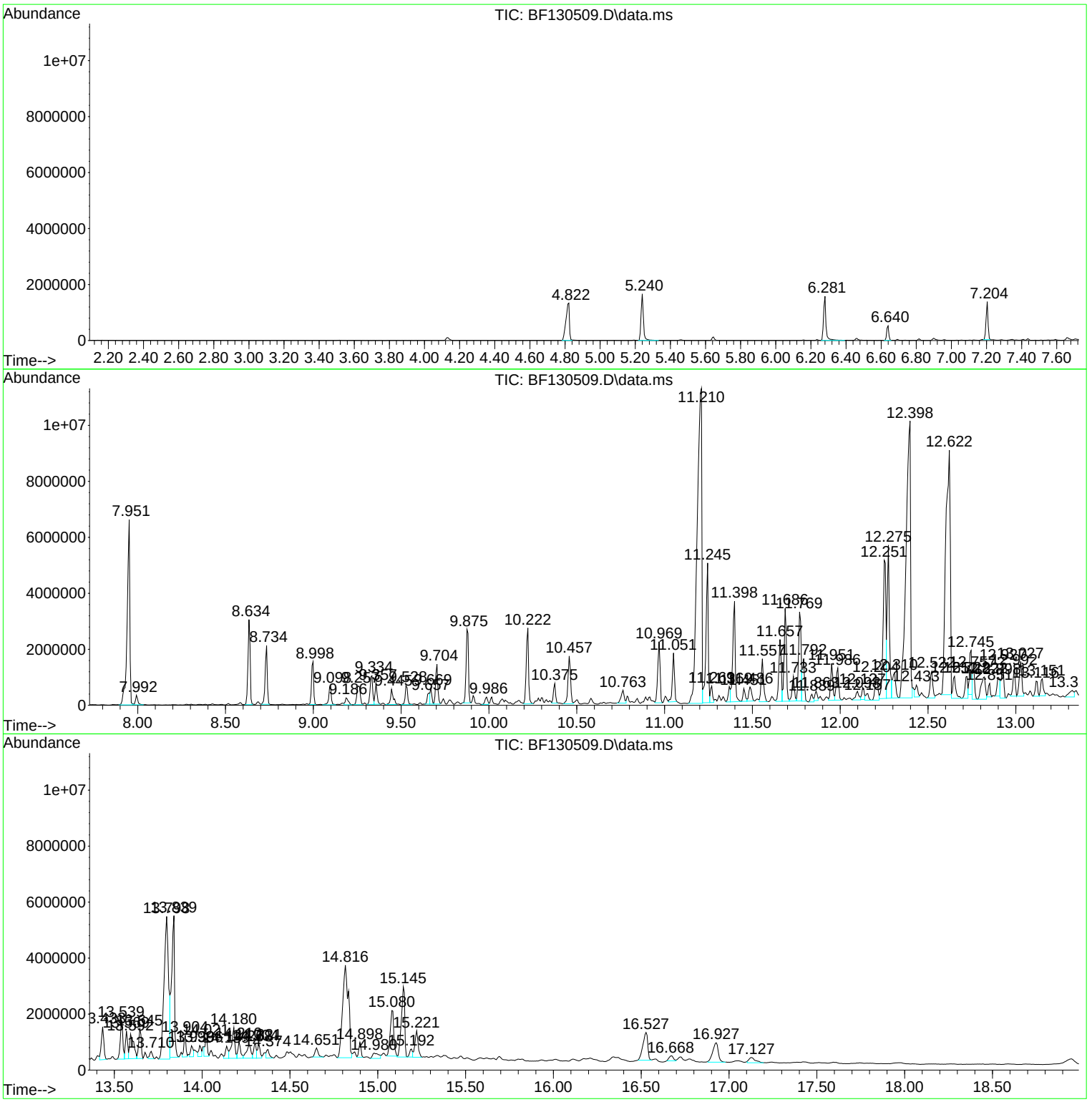
Sample : N4907-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

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\BF100322\
Data File : BF130509.D
Acq On : 03 Oct 2022 20:32
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Instrument :
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ClientSampleId :
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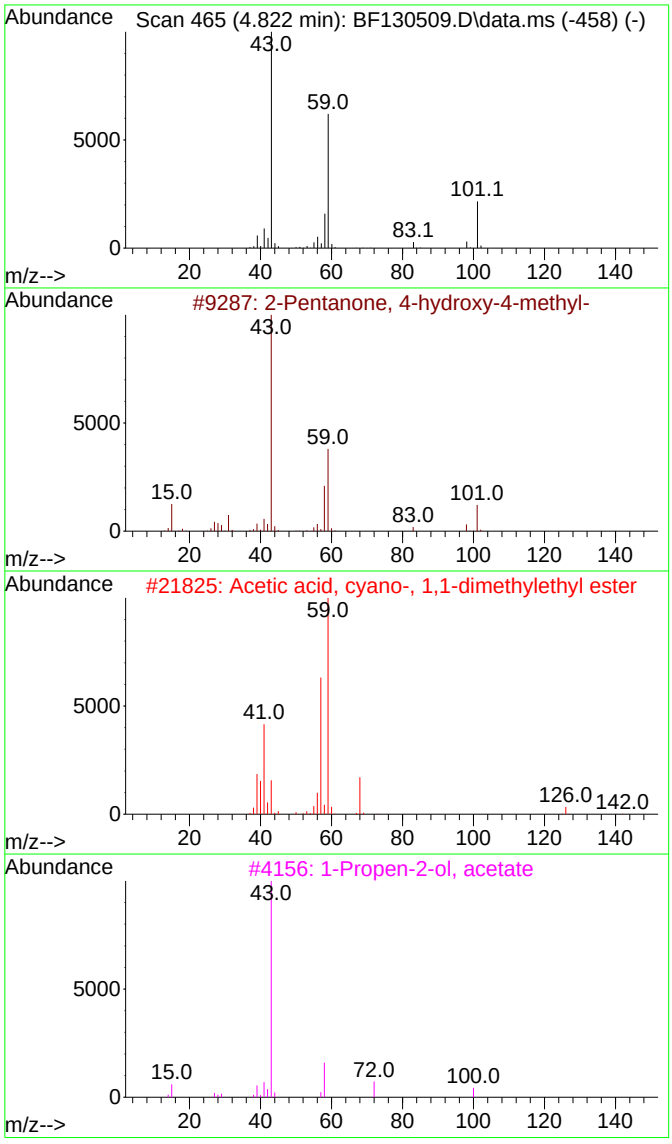
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

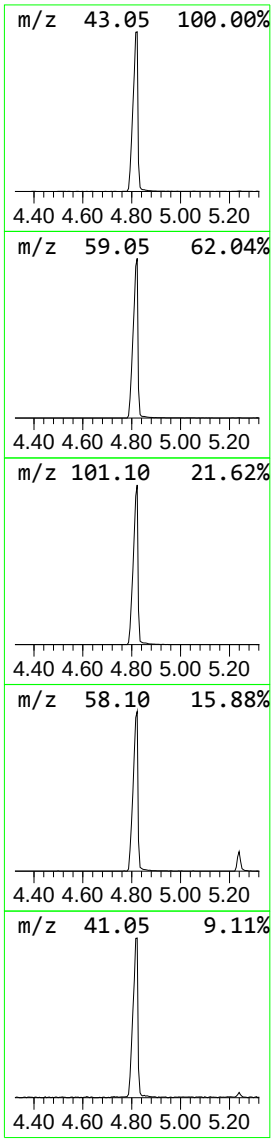
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.822	83.29 ng	1826620	1,4-Dichlorobenzene-d4	6.640

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
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ALS Vial : 18 Sample Multiplier: 1

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VNJ-222

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

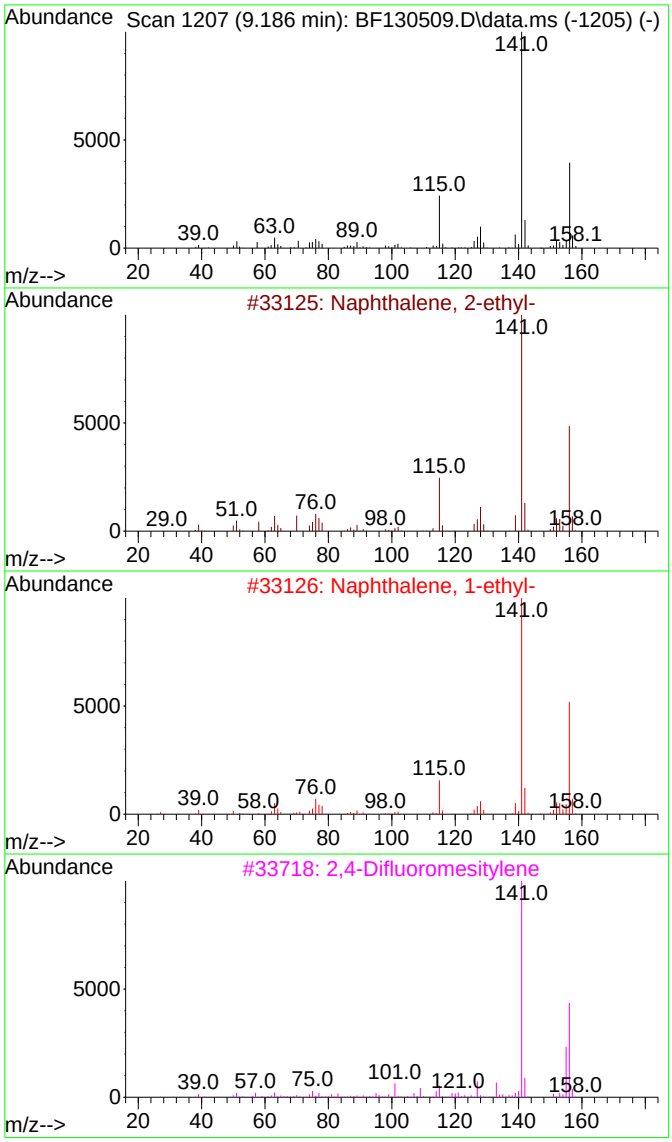
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

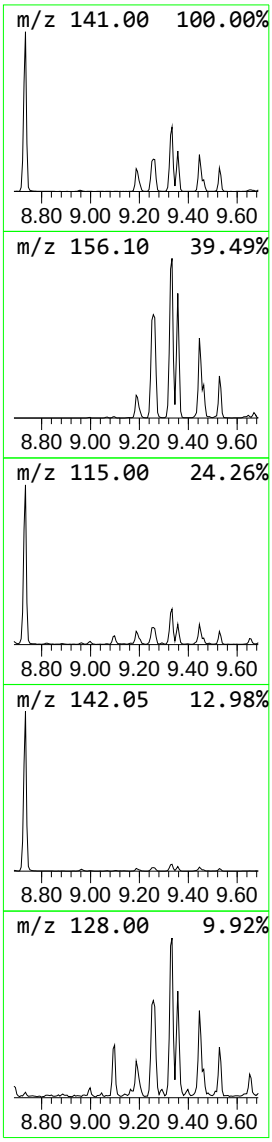
****

Peak Number 2 Naphthalene, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.186	16.99 ng	286250	Acenaphthene-d10	9.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	64
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
5	2',5'-Difluoroacetophenone	156	C8H6F2O	001979-36-8	58





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

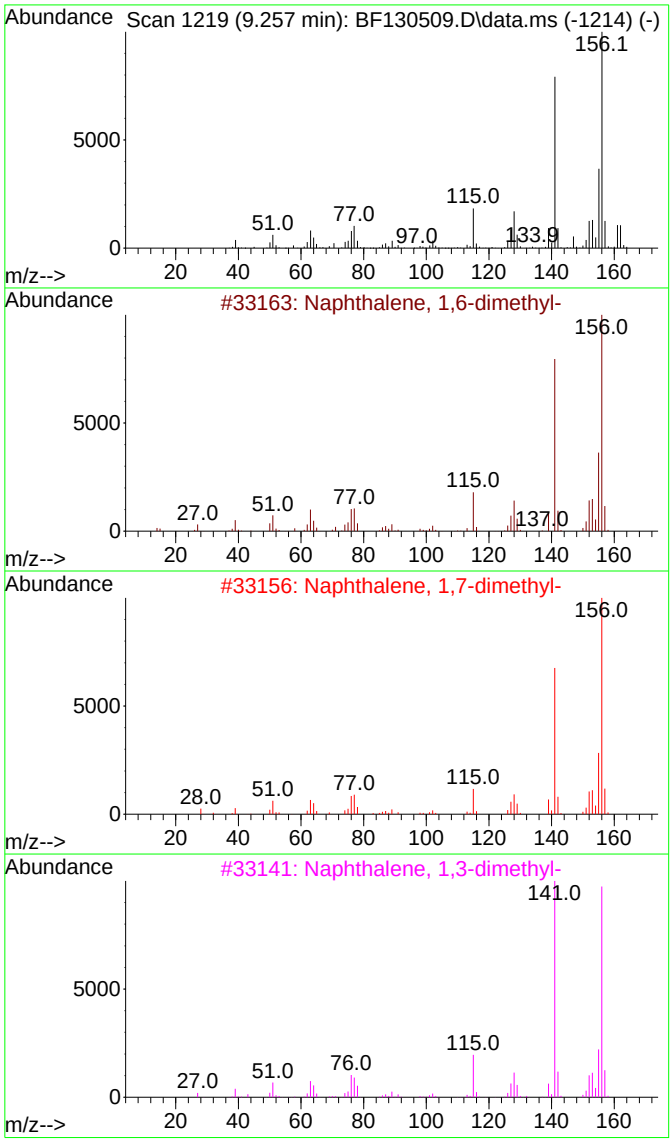
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

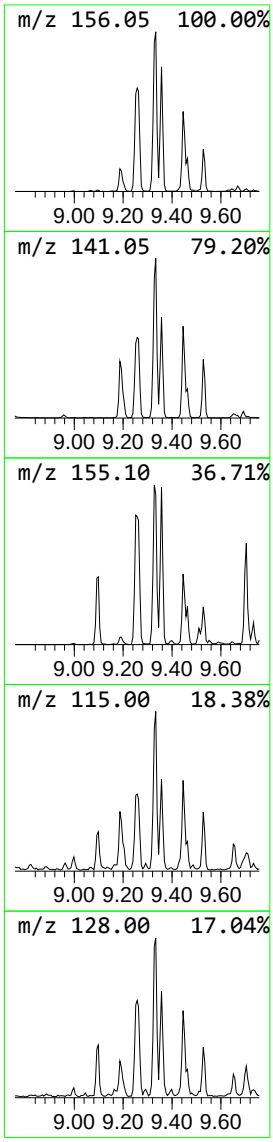
****

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.257	53.58 ng	902920	Acenaphthene-d10	9.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130509.D
Acq On : 03 Oct 2022 20:32
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Sample : N4907-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

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

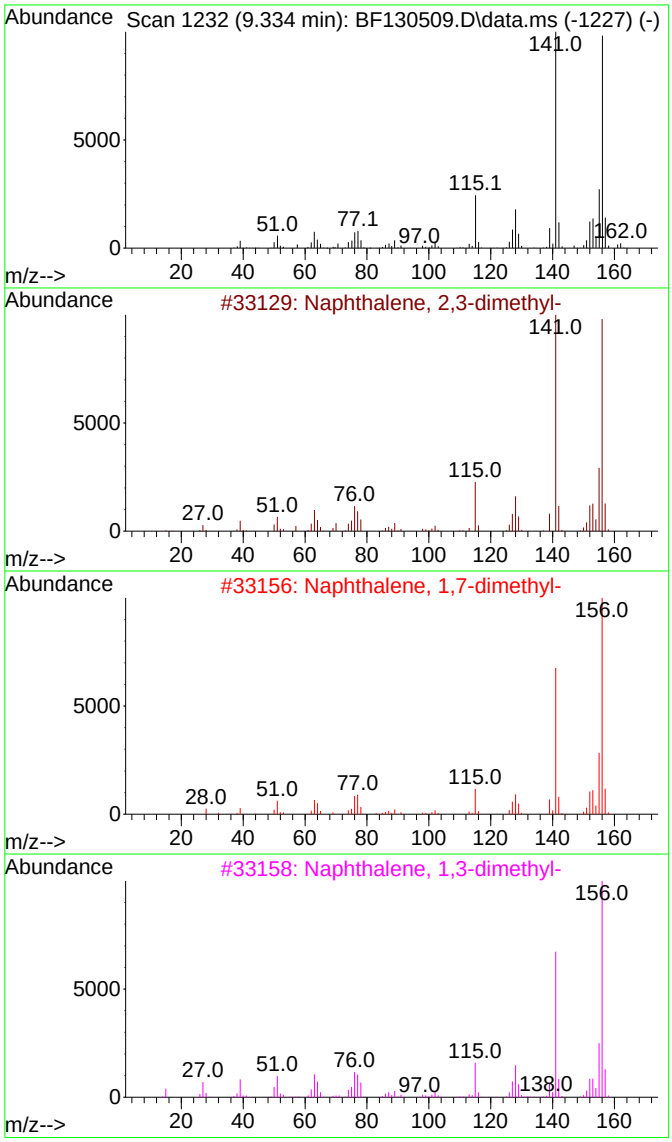
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

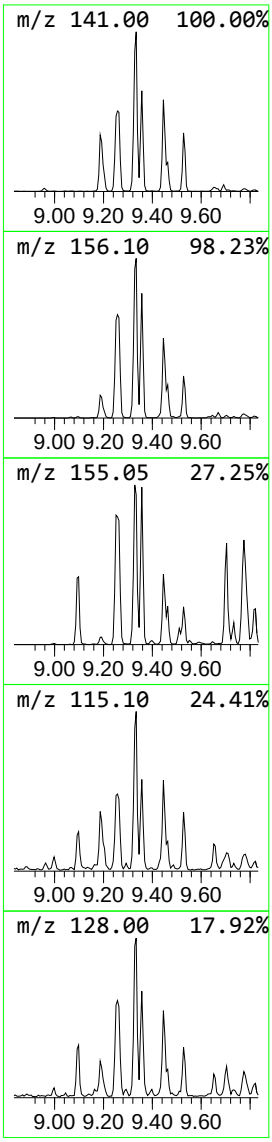
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.334	63.34 ng	1067380	Acenaphthene-d10	9.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130509.D
Acq On : 03 Oct 2022 20:32
Operator : CG\JU
Sample : N4907-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

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

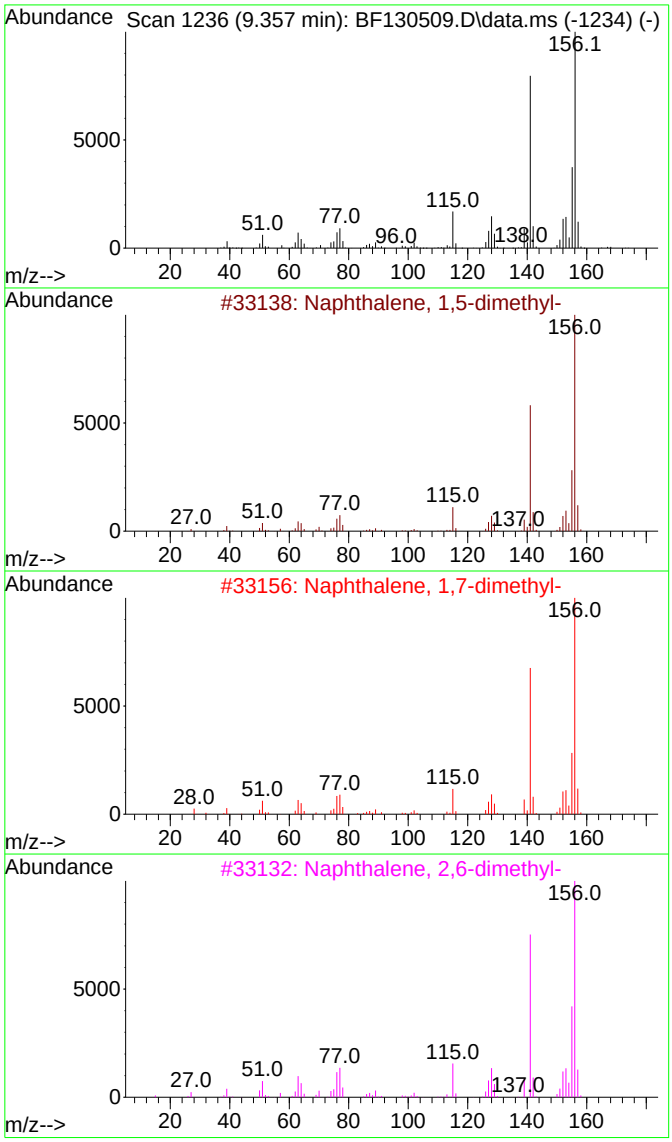
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

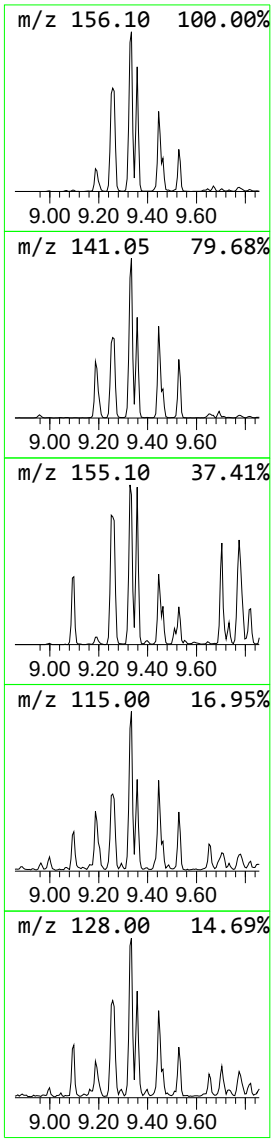
****

Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.357	34.22 ng	576660	Acenaphthene-d10	9.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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Acq On : 03 Oct 2022 20:32
Operator : CG\JU
Sample : N4907-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

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

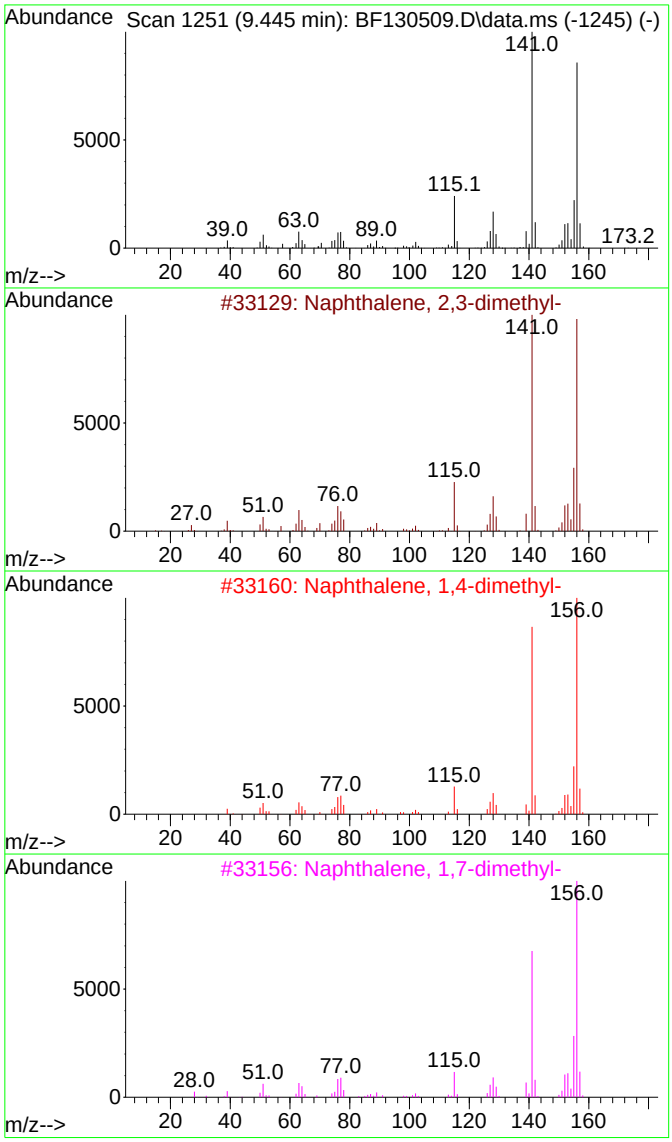
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

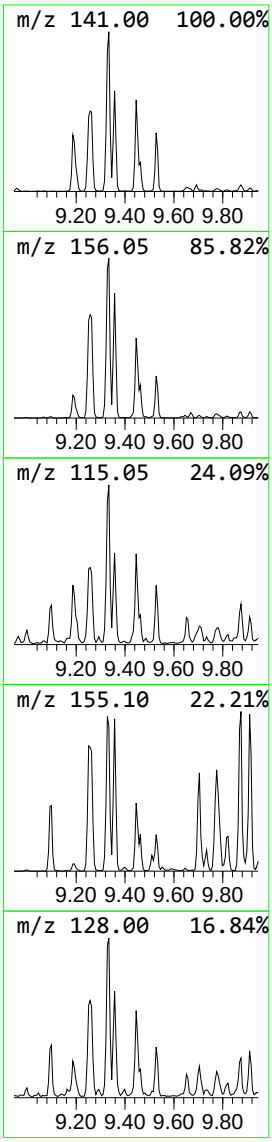
****

Peak Number 6 Naphthalene, 1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.445	35.63 ng	600472	Acenaphthene-d10	9.669

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	96





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Operator : CG\JU
Sample : N4907-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

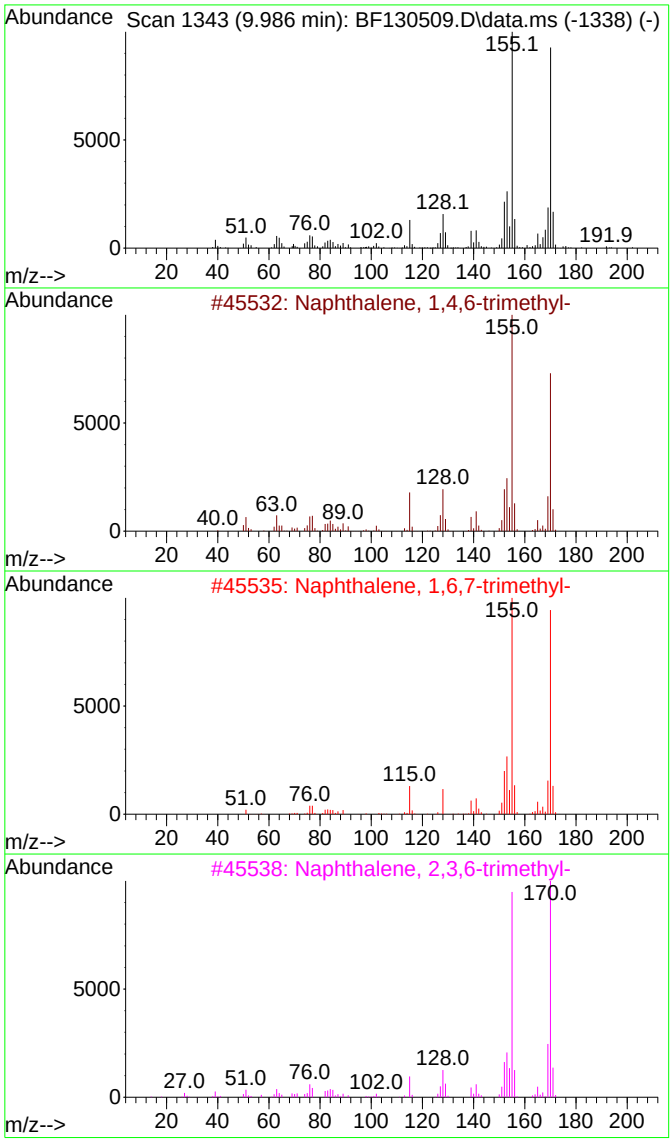
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

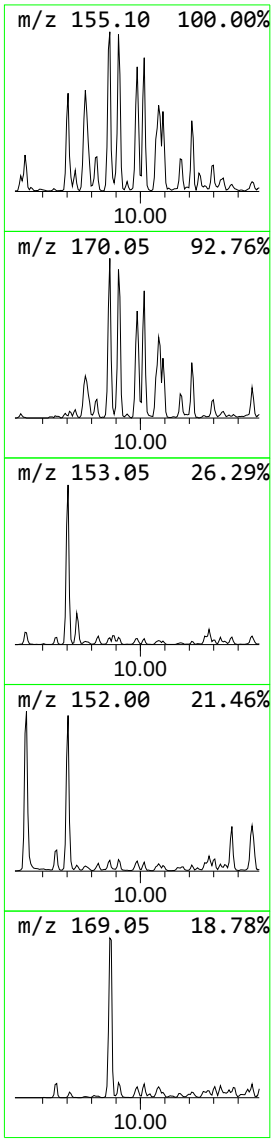
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.986	16.30 ng	274749	Acenaphthene-d10	9.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

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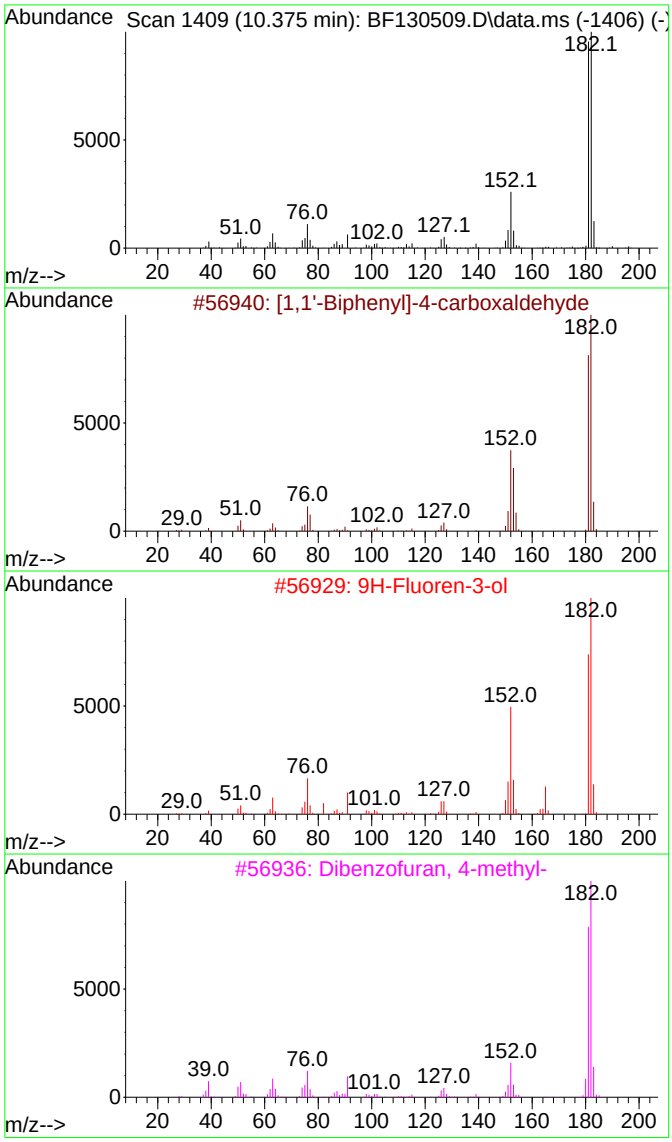
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

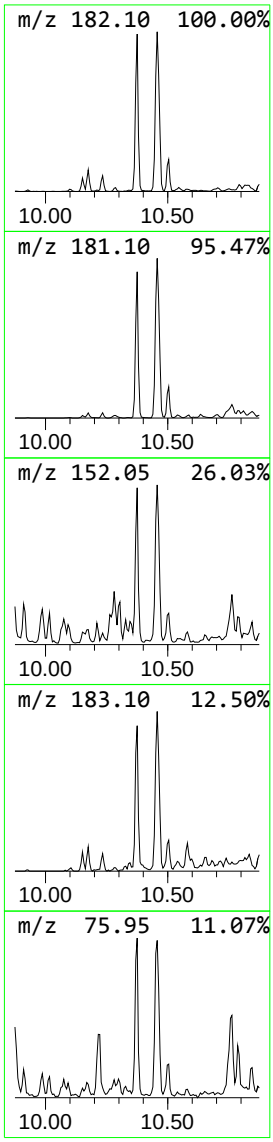
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.375	34.46 ng	580644	Acenaphthene-d10	9.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	9H-Xanthene	182	C13H10O	000092-83-1	72





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Acq On : 03 Oct 2022 20:32
Operator : CG\JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

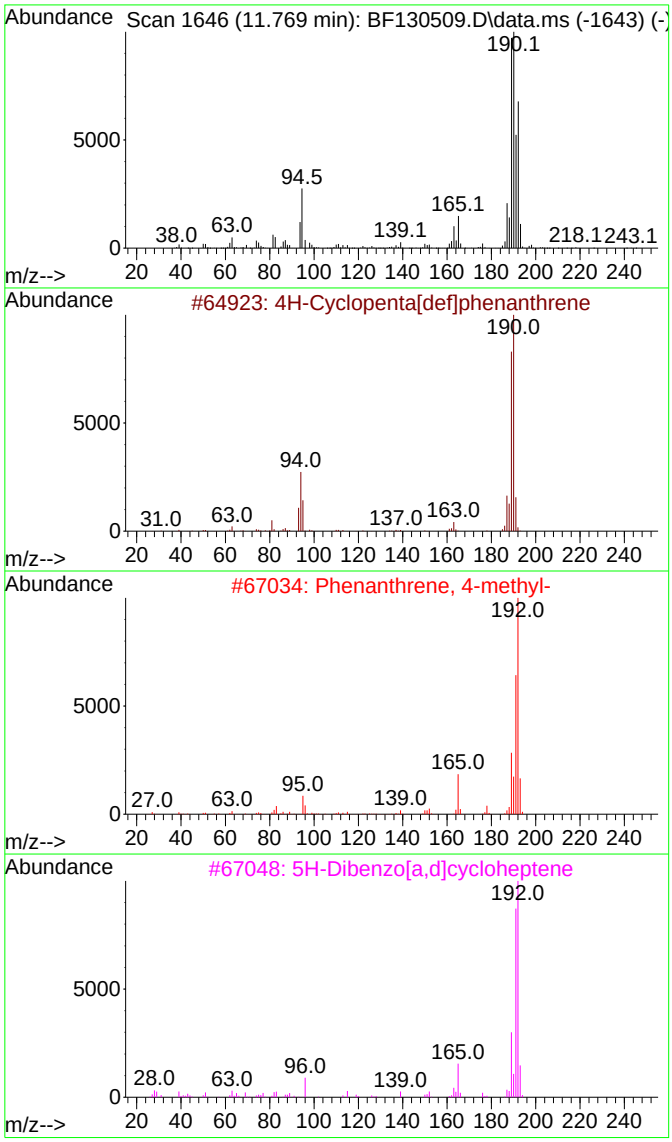
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

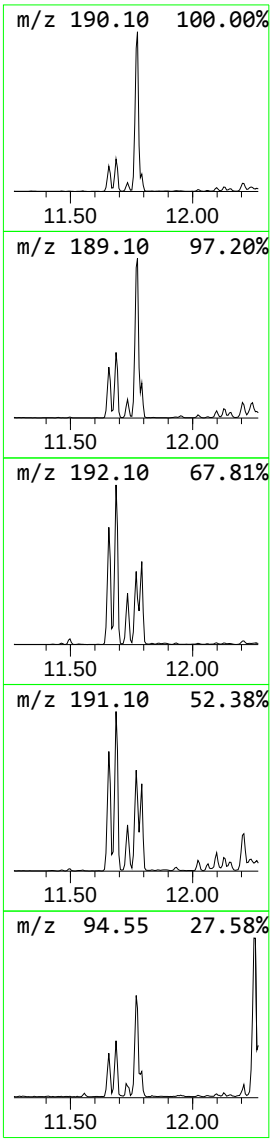
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.769	3.23 ng	3300130	Phenanthrene-d10	11.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	35
4	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	35
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	25





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Sample : N4907-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

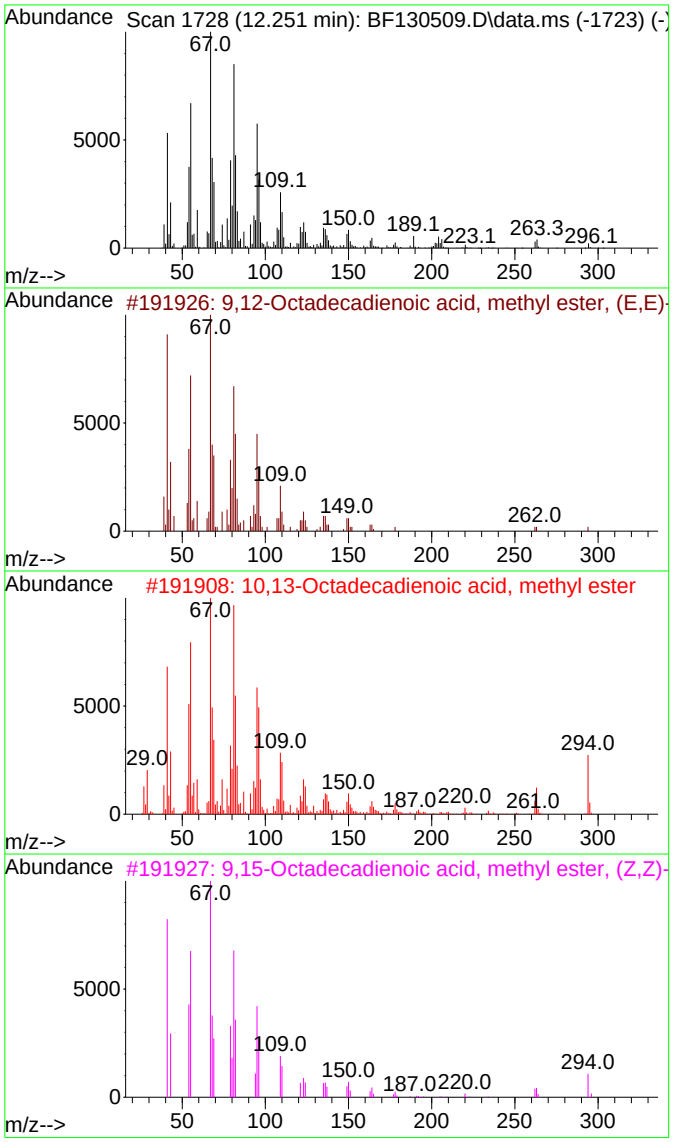
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

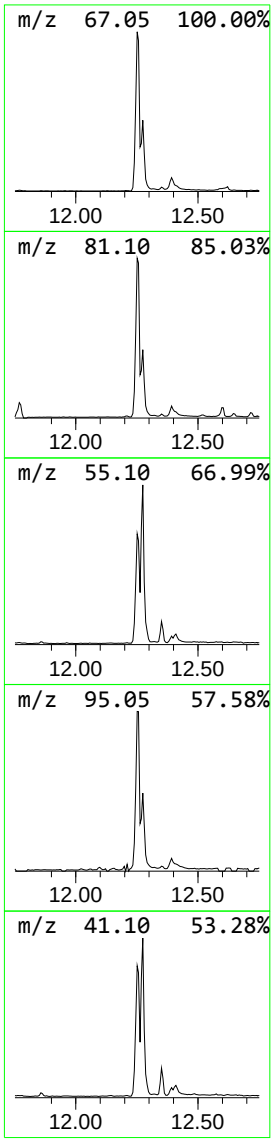
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,12-Octadecadienoic acid, ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	5.70 ng	5828590	Phenanthrene-d10	11.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-222

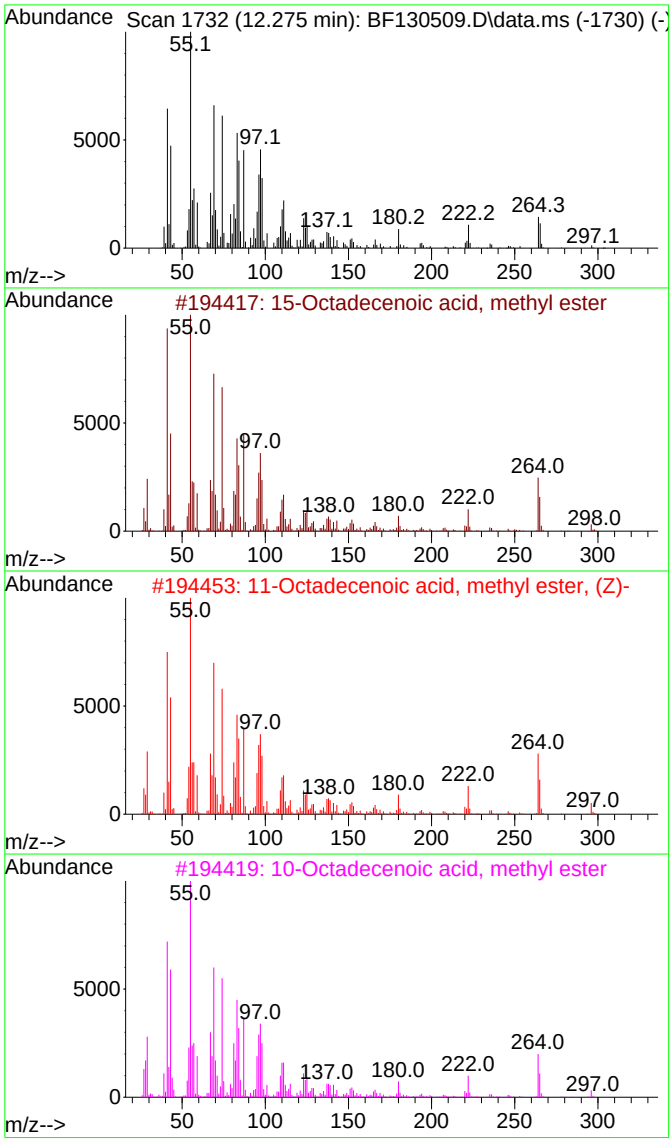
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

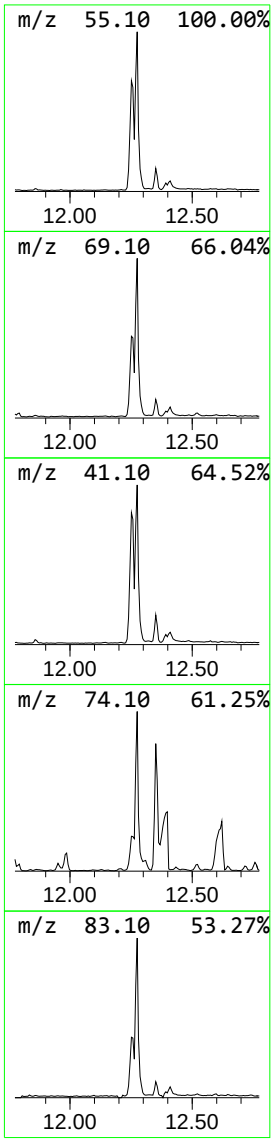
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 15-Octadecenoic acid, methy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.275	4.60 ng	4700270	Phenanthrene-d10	11.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	98





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Operator : CG\JU
Sample : N4907-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

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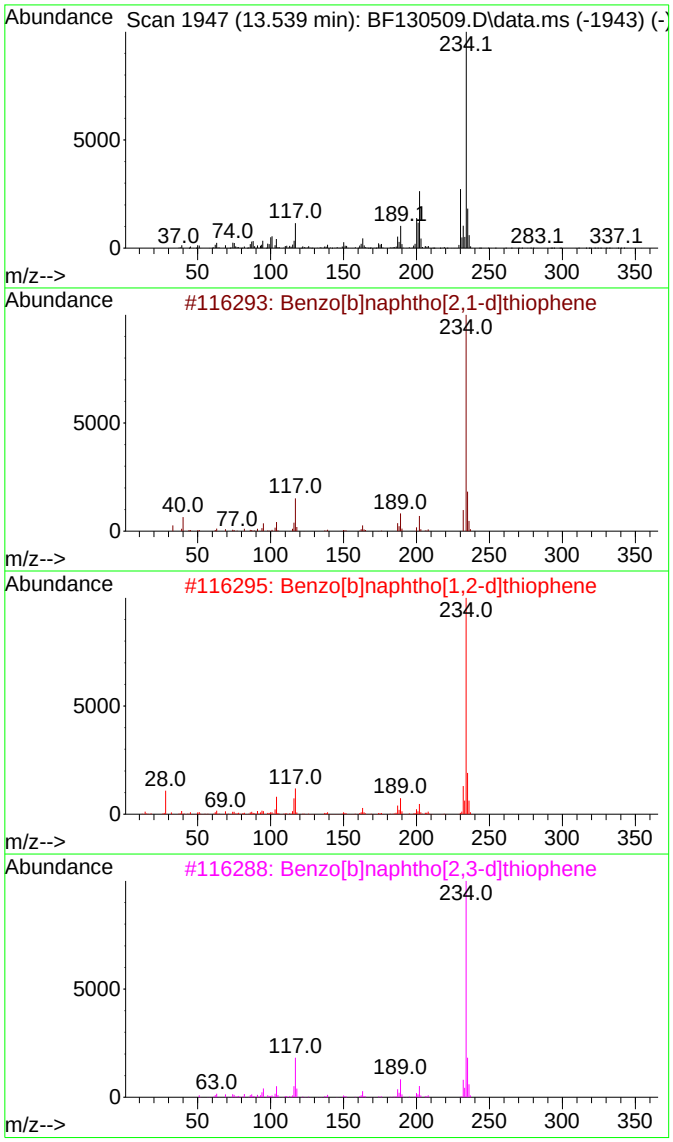
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

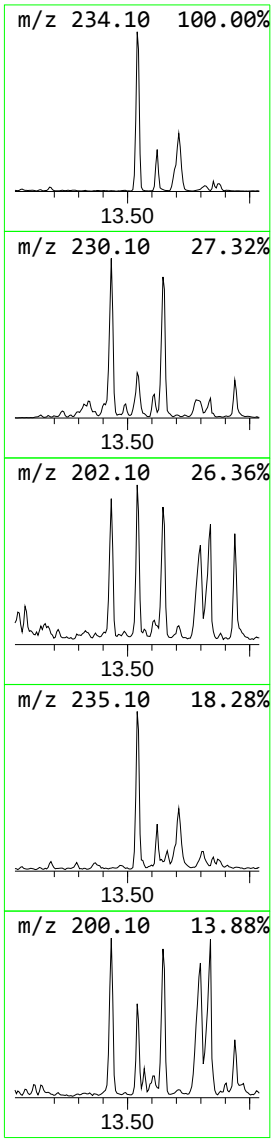
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.539	3.13 ng	1429550	Chrysene-d12	13.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	62
4	2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	46
5	Imidazole, 4-pentafluorophenyl-	234	C9H3F5N2	081769-58-6	43





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ALS Vial : 18 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
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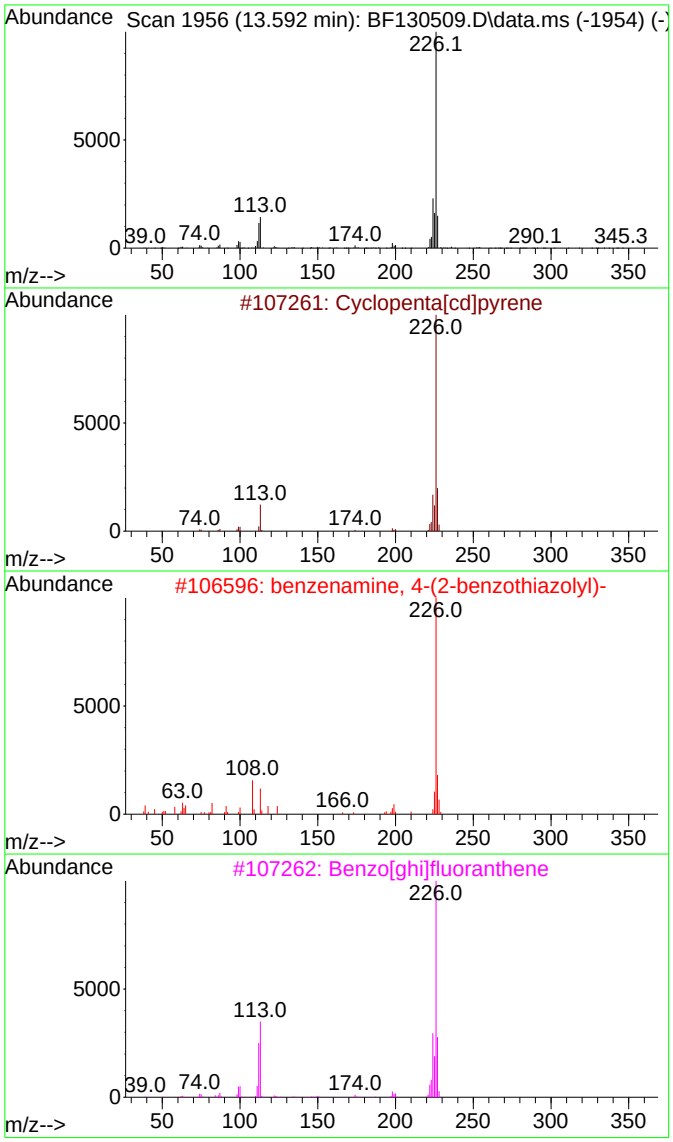
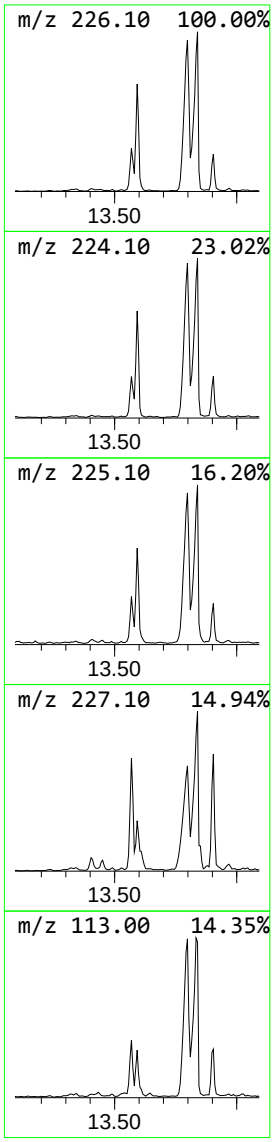
****

Peak Number 13 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.592	3.04 ng	1390550	Chrysene-d12	13.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	64
3	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	42
4	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	42
5	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	40





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ALS Vial : 18 Sample Multiplier: 1

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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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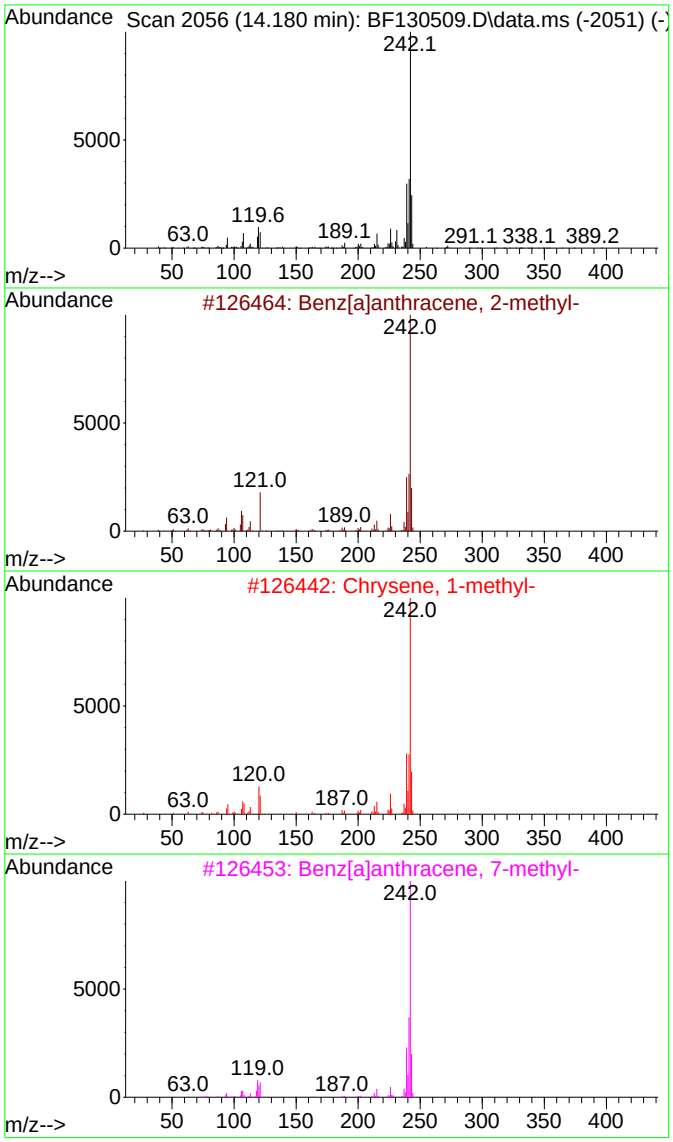
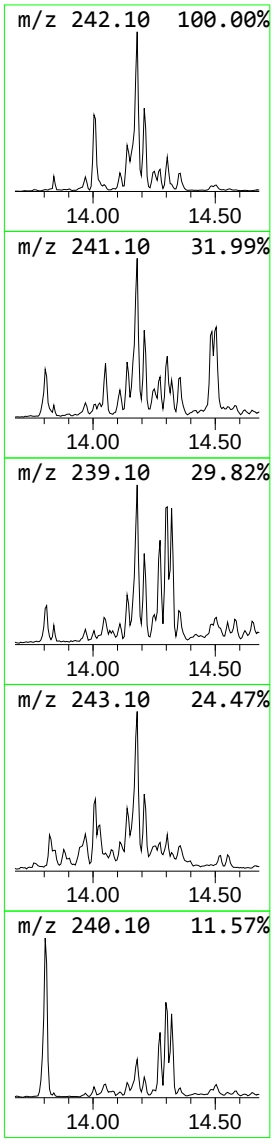
Peak Number 14 Benz[a]anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.180	3.01 ng	1377830	Chrysene-d12	13.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	96
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
4	2-Methylchrysene	242	C19H14	003351-32-4	93
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91





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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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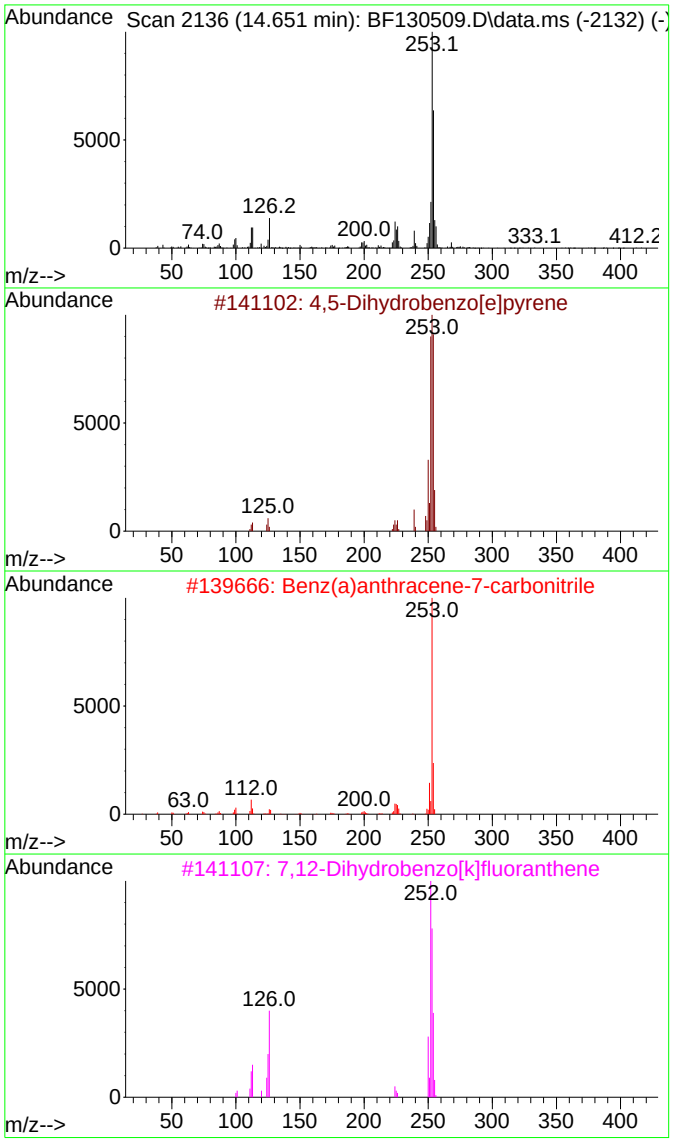
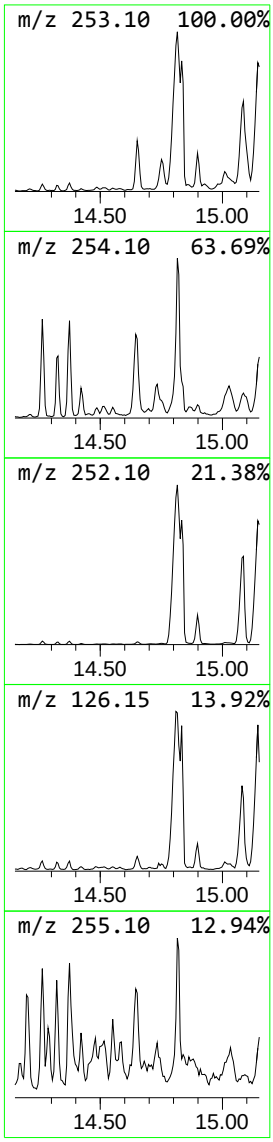
Peak Number 15 4,5-Dihydrobenzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.651	25.01 ng	407273	Perylene-d12	15.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	74
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	60
3	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	59
4	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	58
5	1,2-Dihydro-3-phenyl-2-thioxo-4(...	254	C14H10N2OS	018741-24-7	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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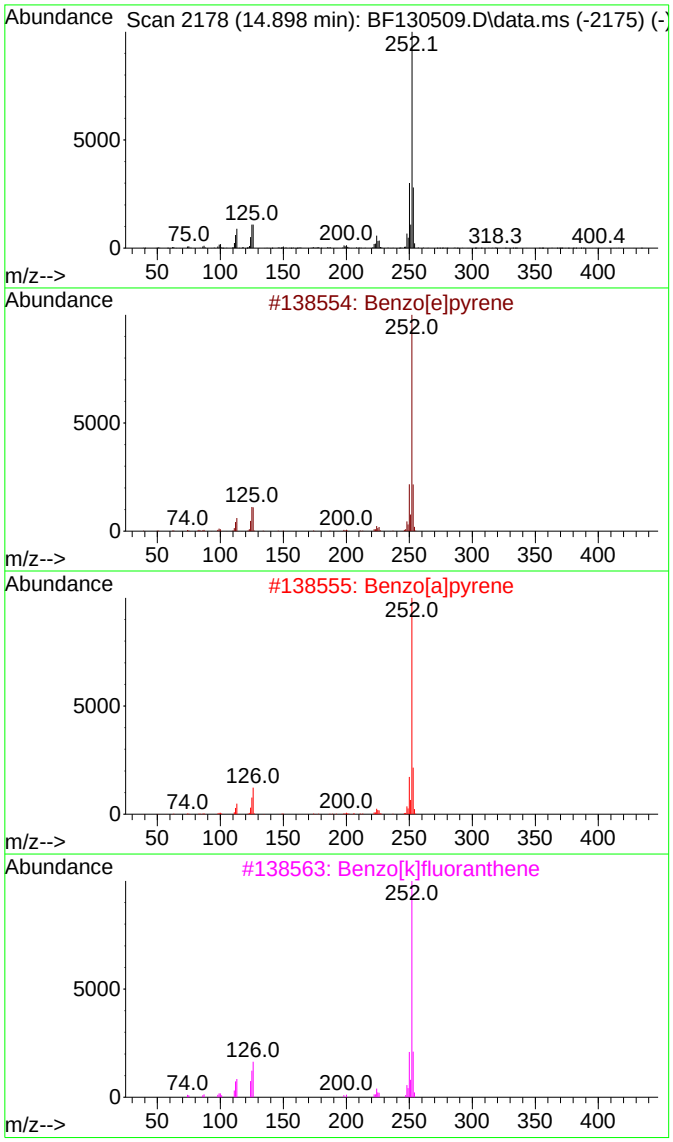
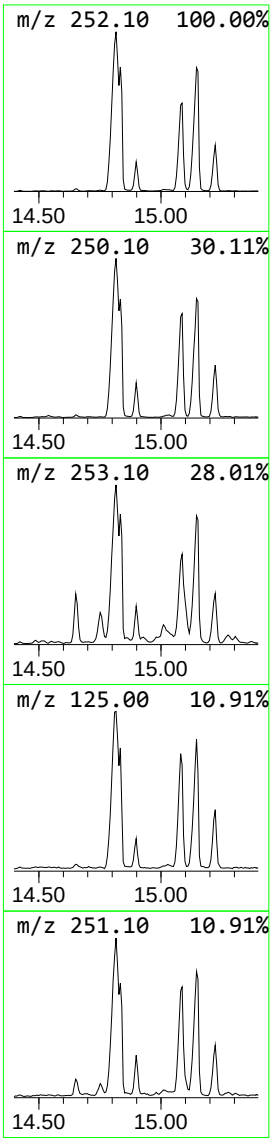
Peak Number 16 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.898	28.23 ng	459741	Perylene-d12	15.192

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	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	90





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Acq On : 03 Oct 2022 20:32
Operator : CG\JU
Sample : N4907-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

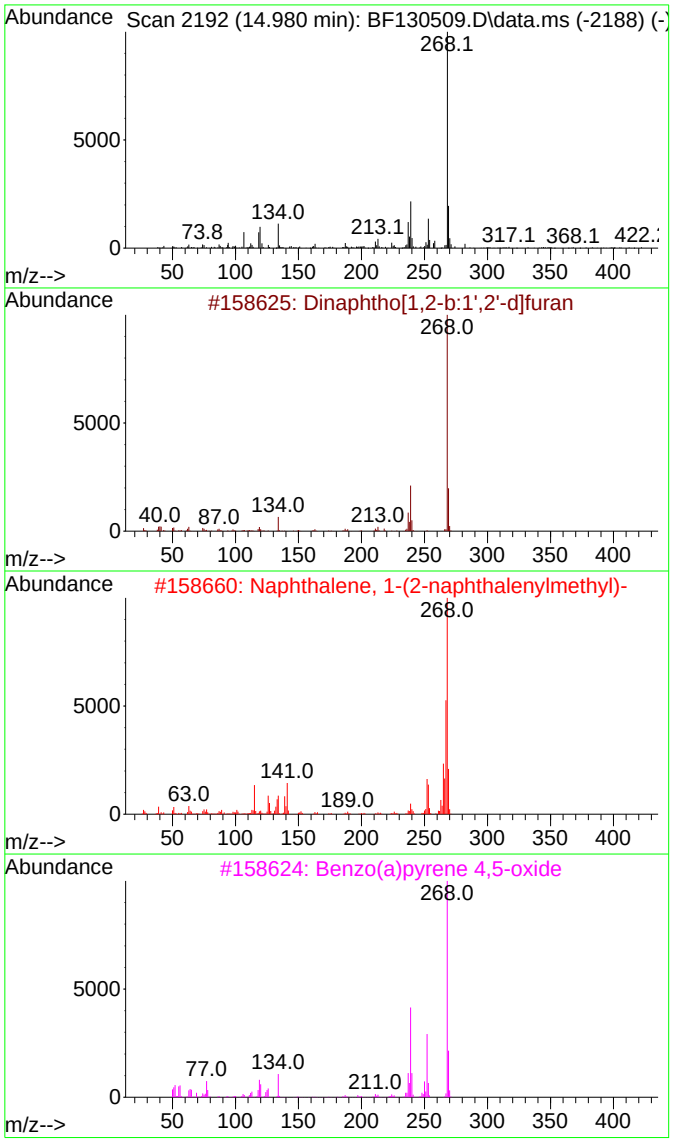
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

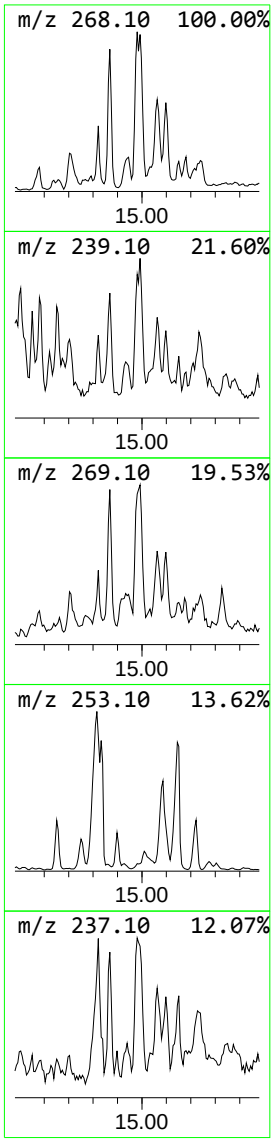
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.980	29.23 ng	475889	Perylene-d12	15.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	93
2	Naphthalene, 1-(2-naphthalenylme...	268	C21H16	000611-48-3	72
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	72
4	4H-1-Benzopyran-4-one, 7-hydroxy...	268	C16H12O4	000485-72-3	64
5	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130509.D
Acq On : 03 Oct 2022 20:32
Operator : CG\JU
Sample : N4907-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

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

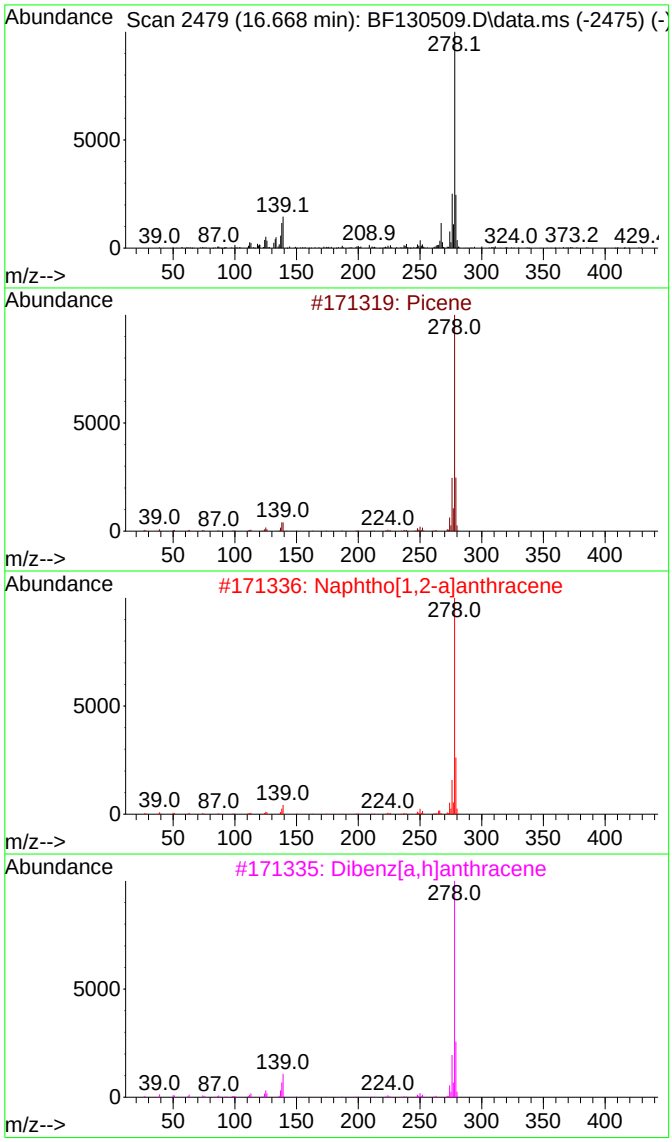
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

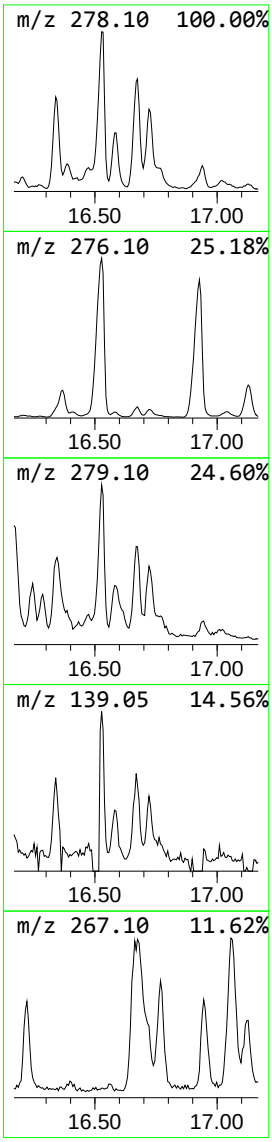
****

Peak Number 19 Picene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.668	19.02 ng	309757	Perylene-d12	15.192

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	98
2	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	98
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
4	Pentaphene	278	C22H14	000222-93-5	97
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130509.D
Acq On : 03 Oct 2022 20:32
Operator : CG\JU
Sample : N4907-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

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-...	4.822	83.3	ng	1826620	1	6.640	438592	20.0
Naphthalene, 2-...	9.186	17.0	ng	286250	3	9.669	337044	20.0
Naphthalene, 1,...	9.257	53.6	ng	902920	3	9.669	337044	20.0
Naphthalene, 2,...	9.334	63.3	ng	1067380	3	9.669	337044	20.0
Naphthalene, 1,...	9.357	34.2	ng	576660	3	9.669	337044	20.0
Naphthalene, 1,...	9.445	35.6	ng	600472	3	9.669	337044	20.0
Naphthalene, 1,...	9.986	16.3	ng	274749	3	9.669	337044	20.0
[1,1'-Biphenyl]...	10.375	34.5	ng	580644	3	9.669	337044	20.0
4H-Cyclopenta[d...	11.769	3.2	ng	3300130	4	11.157	20456900	20.0
9,12-Octadecadi...	12.251	5.7	ng	5828590	4	11.157	20456900	20.0
15-Octadecenoic...	12.275	4.6	ng	4700270	4	11.157	20456900	20.0
Benzo[b]naphtho...	13.539	3.1	ng	1429550	5	13.804	9142260	20.0
Cyclopenta[cd]p...	13.592	3.0	ng	1390550	5	13.804	9142260	20.0
Benz[a]anthrace...	14.180	3.0	ng	1377830	5	13.804	9142260	20.0
4,5-Dihydrobenz...	14.651	25.0	ng	407273	6	15.192	325668	20.0
Benzo[e]pyrene	14.898	28.2	ng	459741	6	15.192	325668	20.0
Dinaphtho[1,2-b...	14.980	29.2	ng	475889	6	15.192	325668	20.0
Picene	16.668	19.0	ng	309757	6	15.192	325668	20.0