LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123953.D
Acq On : 15 May 2021 19:26
Operator : JU/CG
Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-01(6-8)

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-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123953.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.169	7	14	20	rVB	288208	351028	4.31%	0.523%
2	5.510	578	582	585	rBV	618370	506915	6.23%	0.755%
3	6.516	748	753	756	rBV	618903	505519	6.21%	0.753%
4	6.904	815	819	822	rBV	375777	277479	3.41%	0.413%
5	7.457	911	913	918	rVB	361596	327750	4.03%	0.488%
6	8.186	1032	1037	1039	rBV	441257	391984	4.82%	0.584%
7	8.210	1039	1041	1044	rVV	473999	341756	4.20%	0.509%
8	9.004	1170	1176	1179	rVB	1305015	1117243	13.73%	1.664%
9	9.263	1216	1220	1223	rVB	687653	529954	6.51%	0.789%
10	9.363	1233	1237	1240	rBV	700882	536616	6.59%	0.799%
11	9.475	1252	1256	1259	rVB	124837	137673	1.69%	0.205%
12	9.533	1259	1266	1269	rBV	459797	545350	6.70%	0.812%
13	9.604	1273	1278	1281	rBV	629032	561171	6.90%	0.836%
14	9.722	1292	1298	1300	rBV	335467	345922	4.25%	0.515%
15	9.810	1307	1313	1316	rBV	1592669	1397406	17.17%	2.081%
16	9.922	1329	1332	1334	rBV	292103	270614	3.33%	0.403%
17	9.945	1334	1336	1338	rVV	408974	298811	3.67%	0.445%
18	9.980	1338	1342	1345	rVB	1791309	1419052	17.44%	2.114%
19	10.051	1350	1354	1358	rVV2	147726	189190	2.33%	0.282%
20	10.151	1367	1371	1374	rVV	1653743	1656385	20.36%	2.467%
21	10.186	1374	1377	1380	rVV	206922	178313	2.19%	0.266%
22	10.257	1385	1389	1392	rBV2	208502	284036	3.49%	0.423%
23	10.286	1392	1394	1400	rVB2	136230	141239	1.74%	0.210%
24	10.351	1400	1405	1407	rBV3	112944	162472	2.00%	0.242%
25	10.398	1410	1413	1415	rVV	312632	228228	2.80%	0.340%
26	10.463	1422	1424	1426	rVV	226736	186267	2.29%	0.277%
27	10.498	1426	1430	1435	rVV	2172725	2351778	28.90%	3.503%
28	10.557	1435	1440	1442	rVV5	88977	154738	1.90%	0.230%
29	10.580	1442	1444	1446	rVV2	179236	174990	2.15%	0.261%
30	10.604	1446	1448	1450	rVV2	174739	171999	2.11%	0.256%
31	10.651	1453	1456	1458	rVV	476198	432485	5.31%	0.644%
32	10.675	1458	1460	1463	rVV	142333	124430	1.53%	0.185%
33	10.727	1463	1469	1474	rVV2	726611	1074542	13.21%	1.600%
34	11.039	1518	1522	1525	rBV	403046	466372	5.73%	0.695%
35	11.069	1525	1527	1530	rVV	209384	163405	2.01%	0.243%
36	11.122	1533	1536	1541	rVV2	227141	252380	3.10%	0.376%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123953.D
Acq On : 15 May 2021 19:26
Operator : JU/CG
Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-01(6-8)

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-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.169	1541	1544	1546	rVV	118248	124445	1.53%	0.185%
38	11.192	1546	1548	1550	rVV	168106	150580	1.85%	0.224%
39	11.239	1554	1556	1561	rVV2	166010	183258	2.25%	0.273%
40	11.280	1561	1563	1567	rVV2	127669	139004	1.71%	0.207%
41	11.333	1567	1572	1577	rVB	782505	813015	9.99%	1.211%
42	11.480	1585	1597	1600	rBV	5664981	8137069	100.00%	12.120%
43	11.522	1600	1604	1606	rVV	2215178	1820754	22.38%	2.712%
44	11.545	1606	1608	1610	rVV2	164050	143613	1.76%	0.214%
45	11.663	1625	1628	1630	rBV	351125	297726	3.66%	0.443%
46	11.763	1643	1645	1650	rVB2	291663	263196	3.23%	0.392%
47	11.845	1656	1659	1663	rVB	257571	299403	3.68%	0.446%
48	11.939	1671	1675	1677	rVV	877181	839640	10.32%	1.251%
49	11.969	1677	1680	1683	rVB	1183974	965126	11.86%	1.437%
50	12.016	1684	1688	1691	rBV	424201	416660	5.12%	0.621%
51	12.057	1691	1695	1701	rVB2	1483599	2006584	24.66%	2.989%
52	12.233	1721	1725	1727	rVV	582223	476651	5.86%	0.710%
53	12.433	1757	1759	1762	rVB2	169265	148524	1.83%	0.221%
54	12.486	1762	1768	1771	rBV	440206	561916	6.91%	0.837%
55	12.527	1771	1775	1777	rVV3	266552	351307	4.32%	0.523%
56	12.586	1781	1785	1789	rVB4	137224	216166	2.66%	0.322%
57	12.669	1793	1799	1801	rVV	4062737	4899541	60.21%	7.297%
58	12.698	1801	1804	1806	rVV	118870	126242	1.55%	0.188%
59	12.751	1809	1813	1816	rVB	1045279	882040	10.84%	1.314%
60	12.804	1816	1822	1830	rVB2	262517	439503	5.40%	0.655%
61	12.898	1830	1838	1841	rBV2	3311741	4644932	57.08%	6.918%
62	12.927	1841	1843	1848	rVB2	244689	295140	3.63%	0.440%
63	12.998	1851	1855	1856	rBV	350676	298122	3.66%	0.444%
64	13.021	1856	1859	1866	rVB	518362	578504	7.11%	0.862%
65	13.098	1866	1872	1875	rBV2	325791	557628	6.85%	0.831%
66	13.127	1875	1877	1879	rVB	157281	125141	1.54%	0.186%
67	13.186	1883	1887	1888	rVV2	311780	349869	4.30%	0.521%
68	13.216	1888	1892	1894	rVB	1097309	1093105	13.43%	1.628%
69	13.280	1899	1903	1905	rVV	1104159	1007512	12.38%	1.501%
70	13.316	1905	1909	1913	rVV2	500131	550123	6.76%	0.819%
71	13.380	1916	1920	1922	rBV2	380634	405676	4.99%	0.604%
72	13.404	1922	1924	1927	rVV	289711	298175	3.66%	0.444%
73	13.439	1927	1930	1936	rVB	370335	410239	5.04%	0.611%
74	13.692	1969	1973	1976	rBV2	152708	212083	2.61%	0.316%
75	13.827	1990	1996	1999	rBV	418742	470259	5.78%	0.700%
76	13.857	1999	2001	2003	rVV	404828	332160	4.08%	0.495%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123953.D
Acq On : 15 May 2021 19:26
Operator : JU/CG
Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-01(6-8)

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-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.880	2003	2005	2008	rVV2	252273	281649	3.46%	0.419%
78	13.910	2008	2010	2019	rVB4	189283	259433	3.19%	0.386%
79	13.992	2019	2024	2028	rBV	114473	160758	1.98%	0.239%
80	14.080	2032	2039	2042	rBV3	2092982	2910279	35.77%	4.335%
81	14.116	2042	2045	2049	rVB	1665038	1505557	18.50%	2.242%
82	14.298	2073	2076	2080	rVV2	217970	267140	3.28%	0.398%
83	14.333	2080	2082	2090	rVB5	120881	162058	1.99%	0.241%
84	14.463	2101	2104	2108	rVV	352937	466233	5.73%	0.694%
85	14.498	2108	2110	2113	rVV	209846	184058	2.26%	0.274%
86	14.563	2113	2121	2123	rVV3	249124	387908	4.77%	0.578%
87	14.592	2123	2126	2128	rVV	221837	234430	2.88%	0.349%
88	14.615	2128	2130	2133	rVV	293558	258883	3.18%	0.386%
89	14.663	2134	2138	2143	rVB5	119435	163190	2.01%	0.243%
90	15.145	2213	2220	2222	rBV	712069	1188708	14.61%	1.770%
91	15.168	2222	2224	2227	rVB	472393	414858	5.10%	0.618%
92	15.245	2234	2237	2241	rVB	241161	275026	3.38%	0.410%
93	15.451	2266	2272	2278	rVB	440506	615197	7.56%	0.916%
94	15.521	2278	2284	2288	rBV	736642	973119	11.96%	1.449%
95	15.574	2289	2293	2296	rVV2	140004	201719	2.48%	0.300%
96	15.610	2296	2299	2305	rVB2	207314	285387	3.51%	0.425%
97	15.786	2321	2329	2331	rBV5	71654	162742	2.00%	0.242%
98	17.086	2543	2550	2557	rVB2	266405	563531	6.93%	0.839%
99	17.545	2619	2628	2637	rBV	183849	404694	4.97%	0.603%
100	17.780	2661	2668	2679	rVB3	94189	227620	2.80%	0.339%

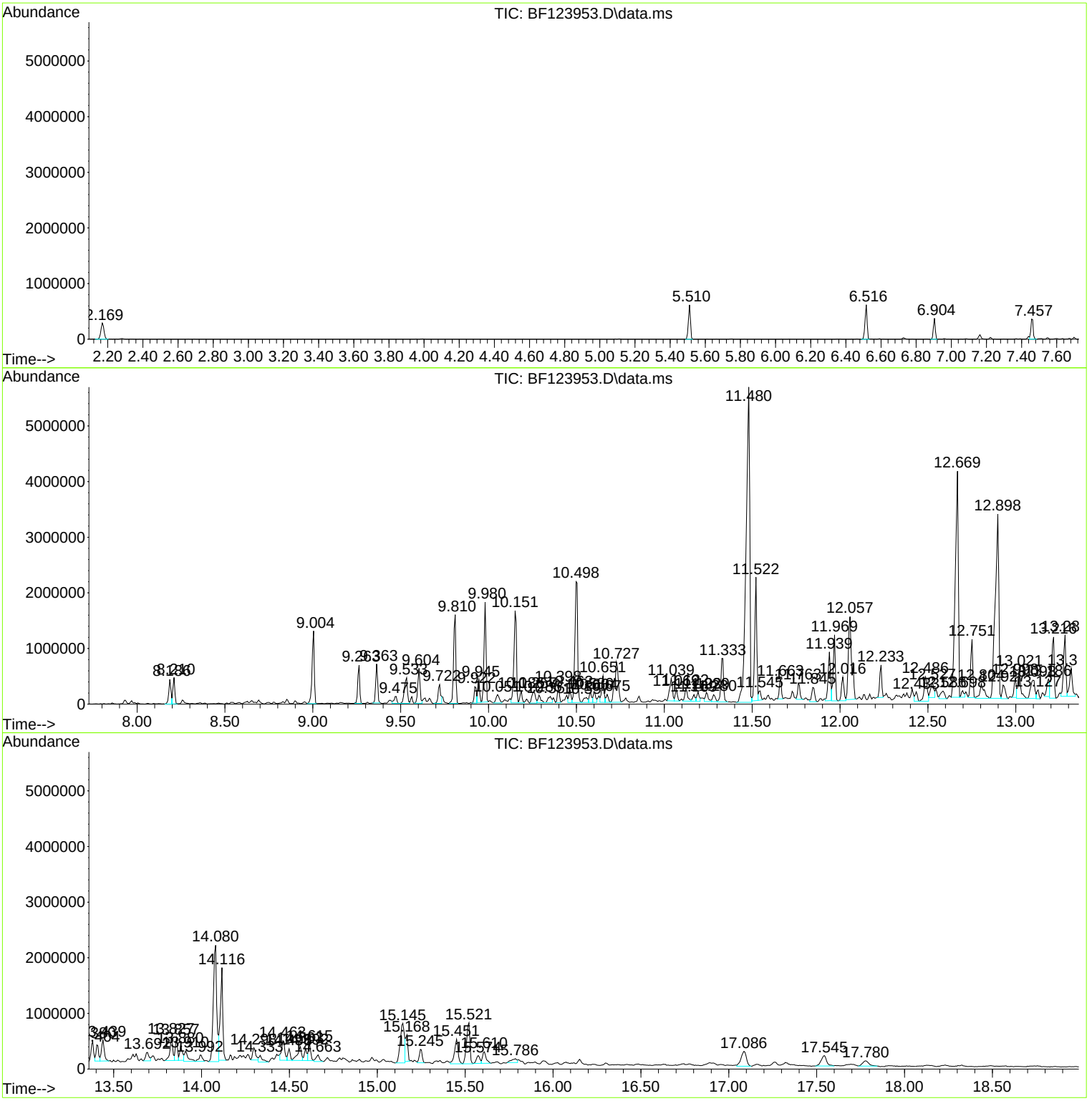
Sum of corrected areas: 67140300

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123953.D
Acq On : 15 May 2021 19:26
Operator : JU/CG
Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-01(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123953.D
Acq On : 15 May 2021 19:26
Operator : JU/CG
Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-01(6-8)

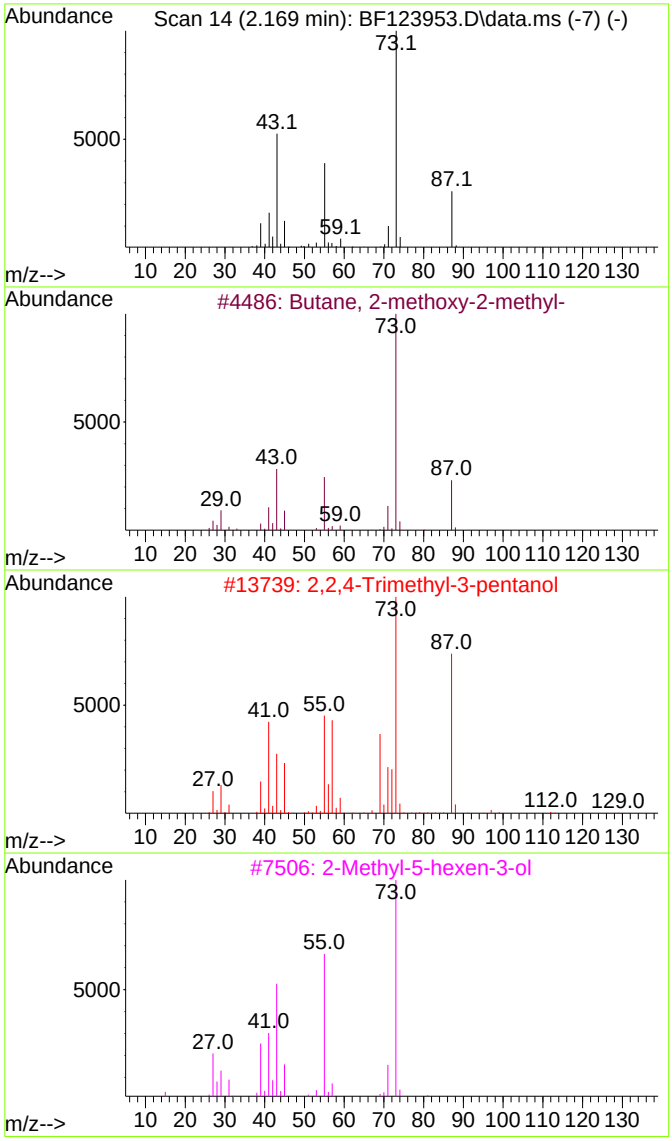
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

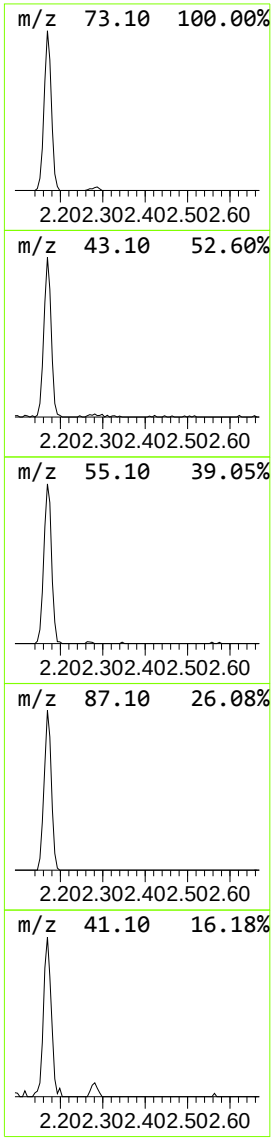
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.169	25.30 ng	351028	1,4-Dichlorobenzene-d4	6.904

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	39
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123953.D
Acq On : 15 May 2021 19:26
Operator : JU/CG
Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-01(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

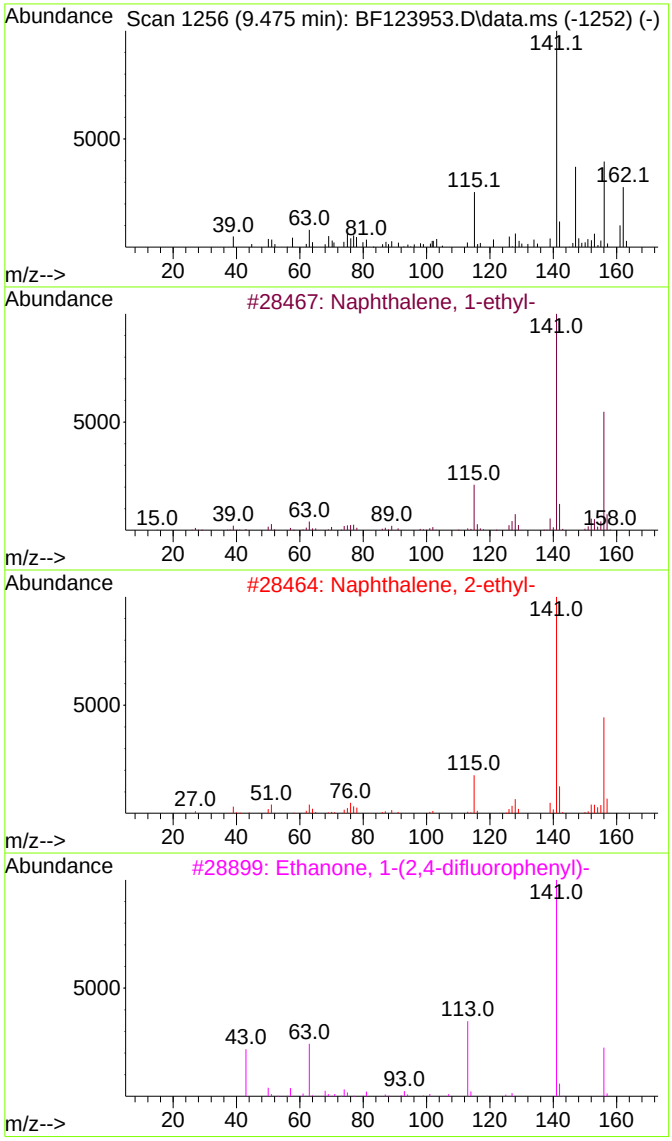
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

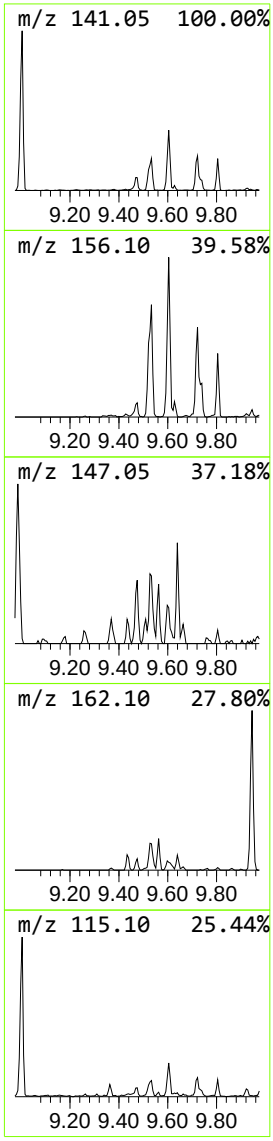
****

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	9.21 ng	137673	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	62
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	58
3	Ethanone, 1-(2,4-difluorophenyl)-	156	C8H6F2O	000364-83-0	47
4	Hexethal	240	C12H20N2O3	000077-30-5	43
5	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123953.D
Acq On : 15 May 2021 19:26
Operator : JU/CG
Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-01(6-8)

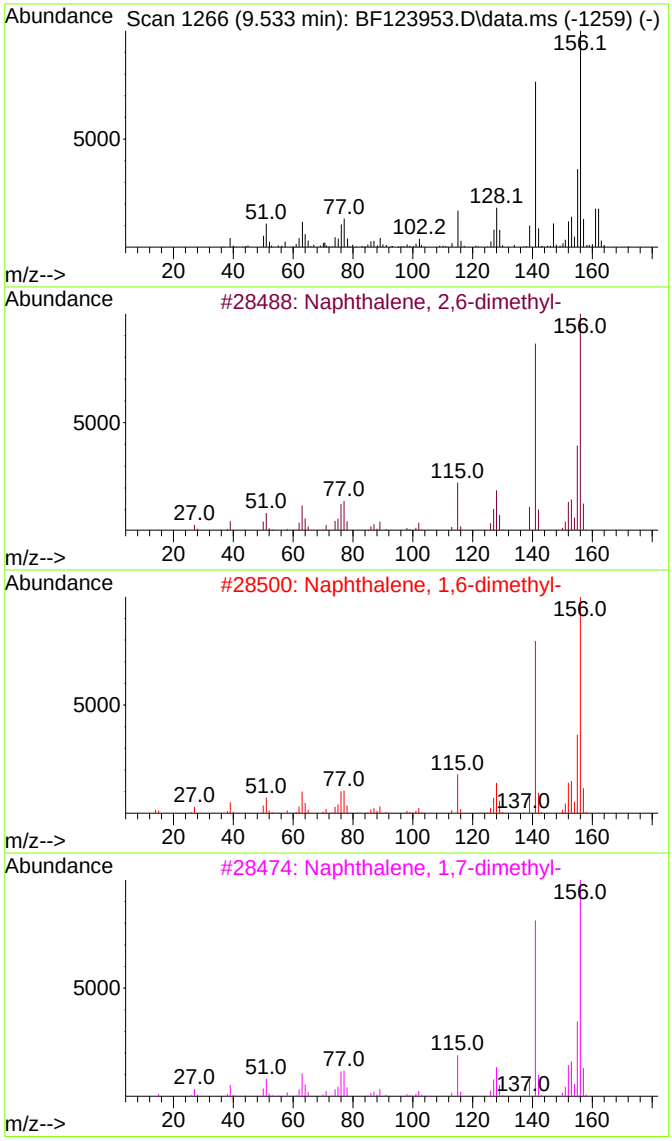
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

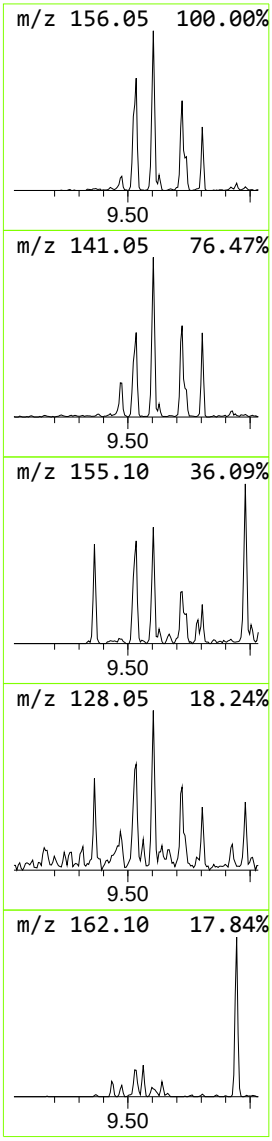
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.533	36.50 ng	545350	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123953.D
Acq On : 15 May 2021 19:26
Operator : JU/CG
Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-01(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

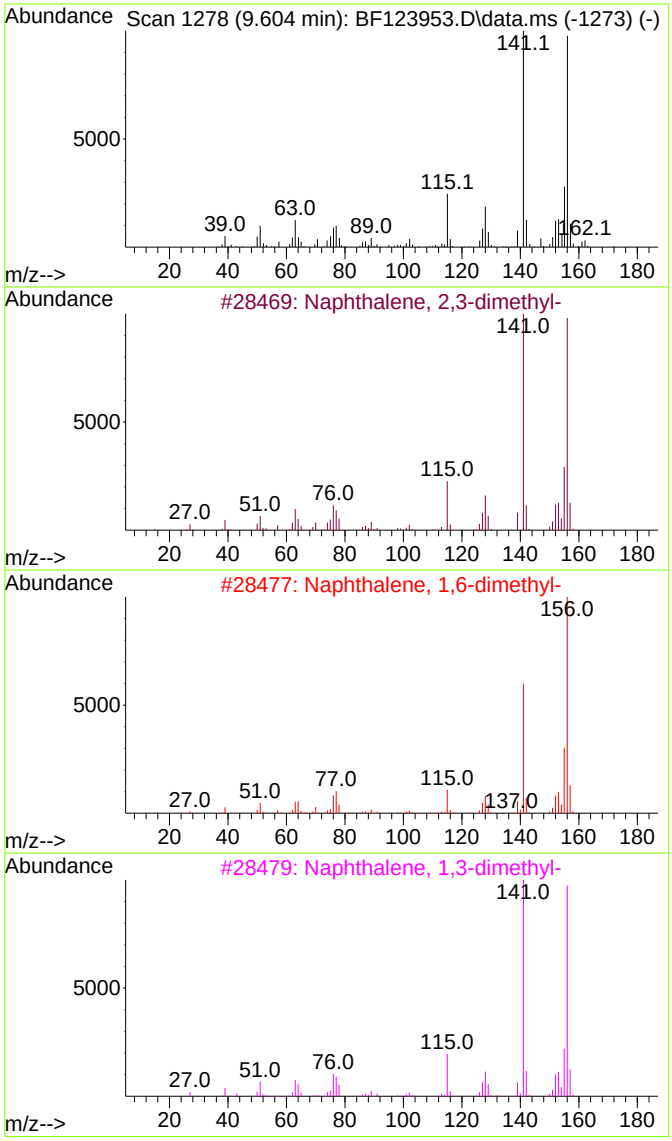
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

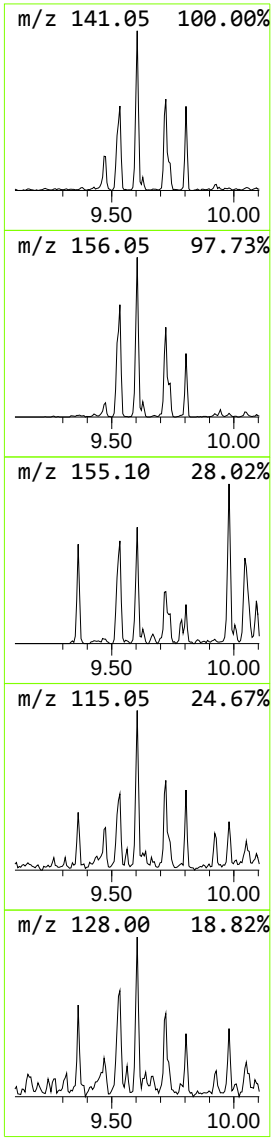
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	37.56 ng	561171	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123953.D
Acq On : 15 May 2021 19:26
Operator : JU/CG
Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-01(6-8)

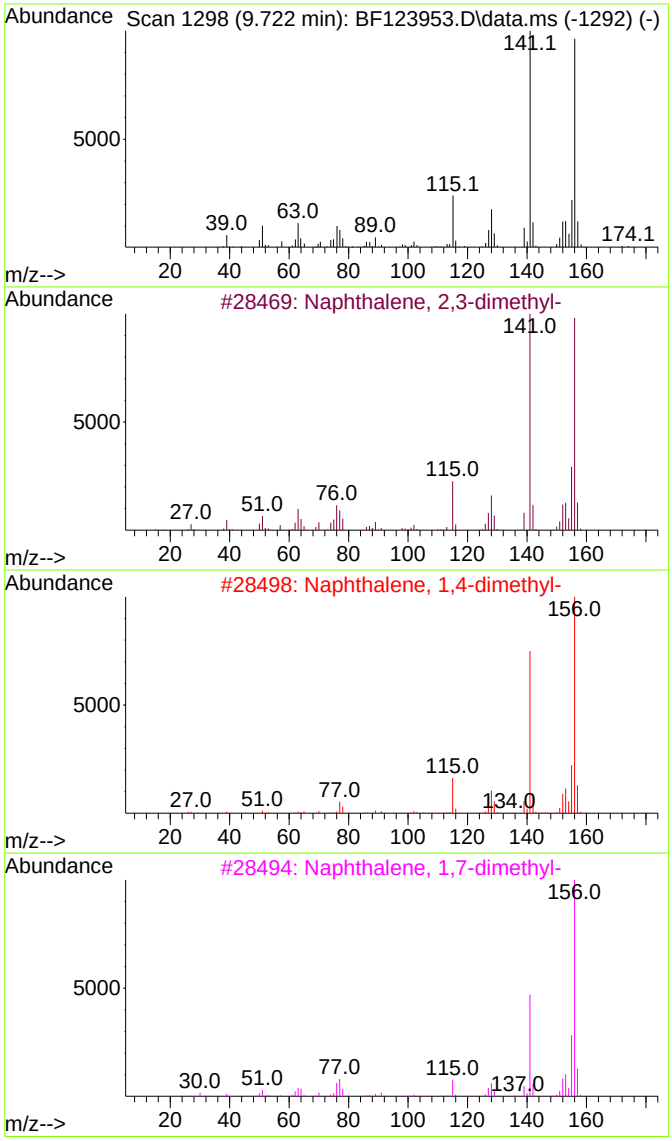
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

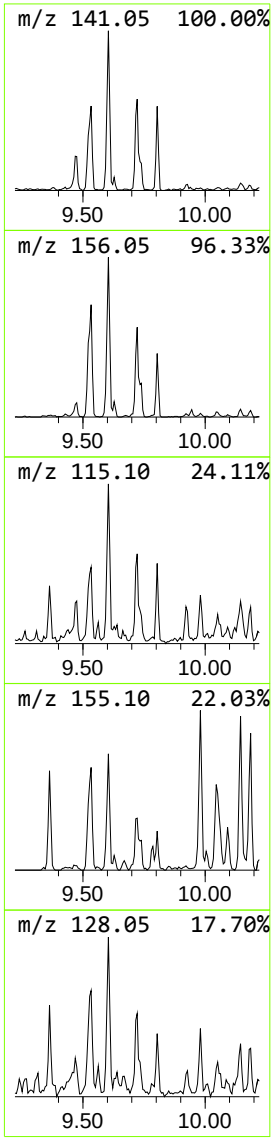
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.722	23.15 ng	345922	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96





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Acq On : 15 May 2021 19:26
Operator : JU/CG
Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-01(6-8)

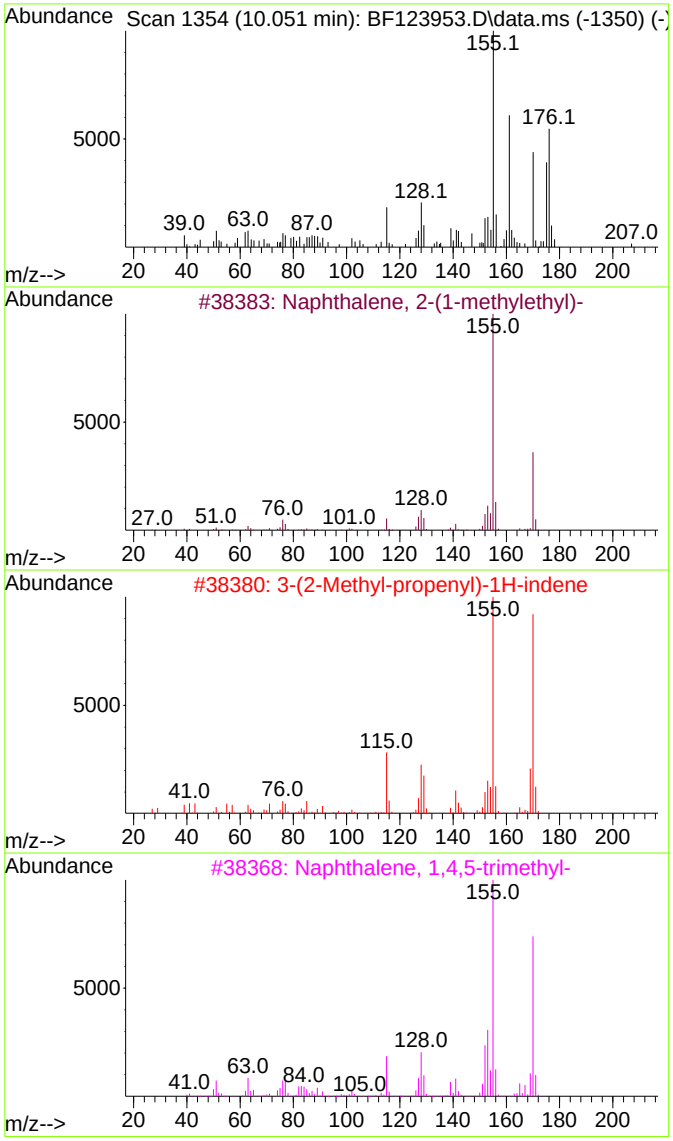
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

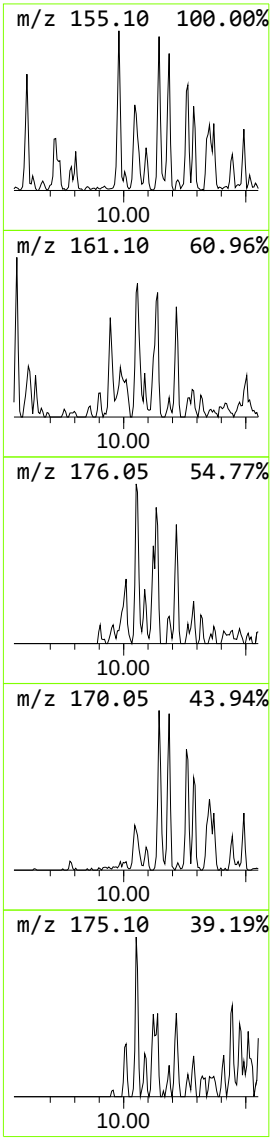
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2-(1-methyleth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.051	12.66 ng	189190	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	50
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	46
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	45
4	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	42
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	38





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Operator : JU/CG
Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-01(6-8)

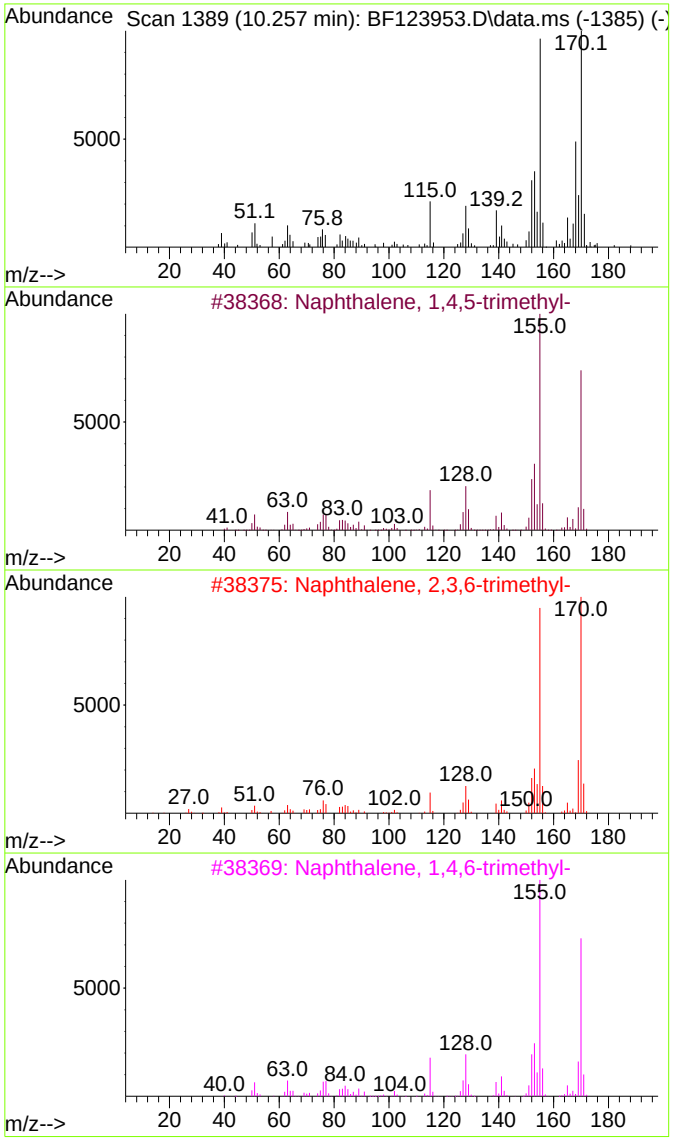
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

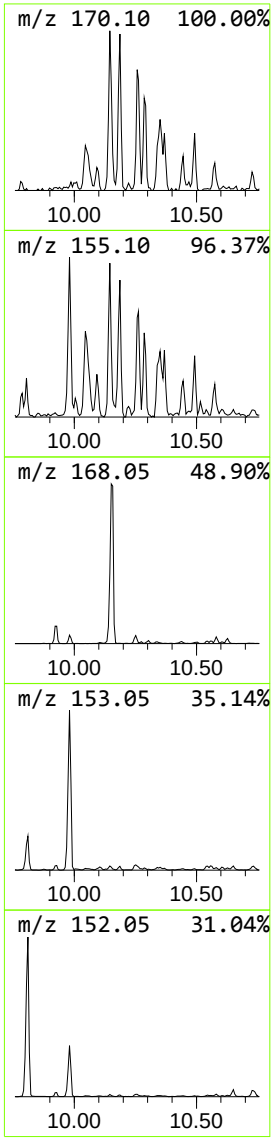
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,4,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.257	19.01 ng	284036	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	76





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Operator : JU/CG
Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-01(6-8)

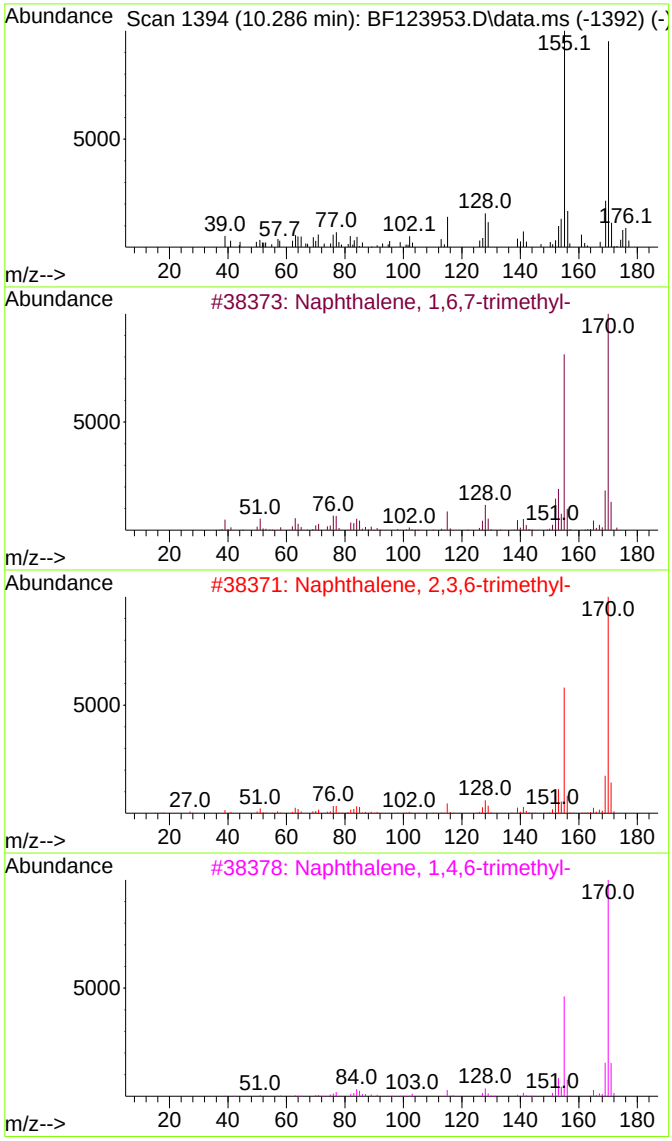
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

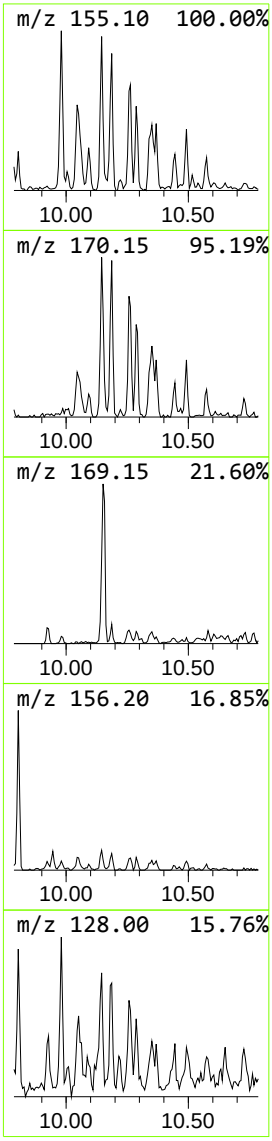
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.286	9.45 ng	141239	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	68





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Operator : JU/CG
Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-01(6-8)

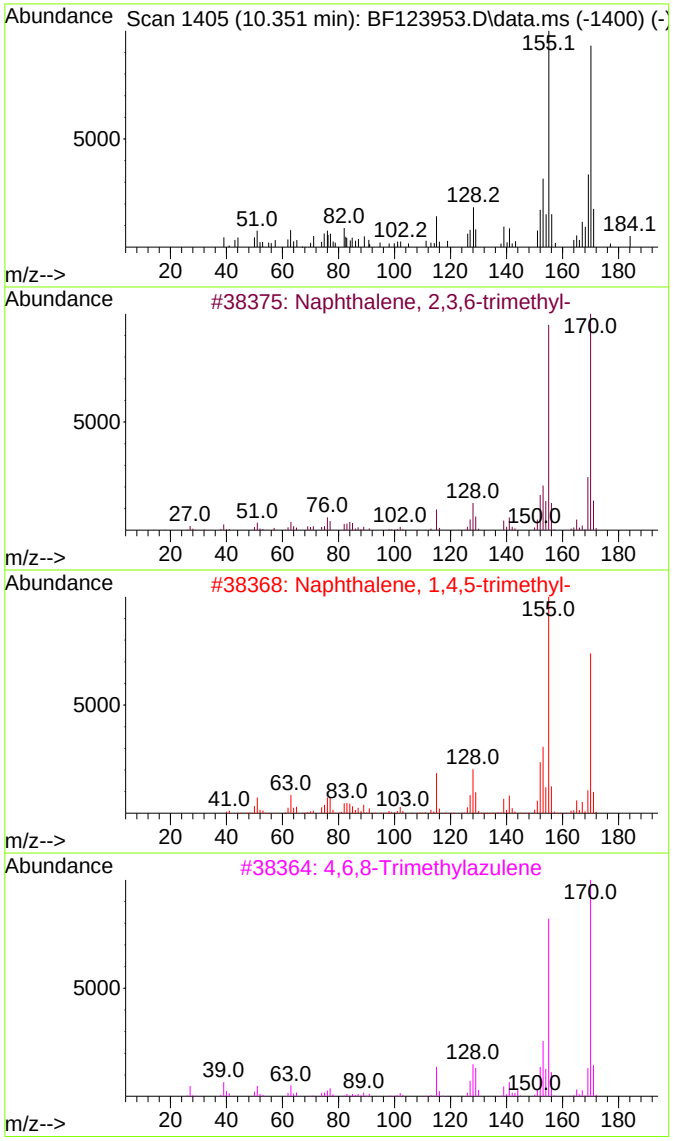
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

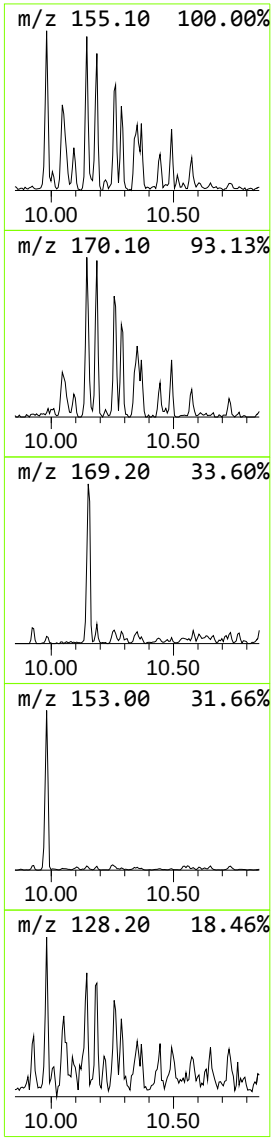
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.351	10.87 ng	162472	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91





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Operator : JU/CG
Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-01(6-8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

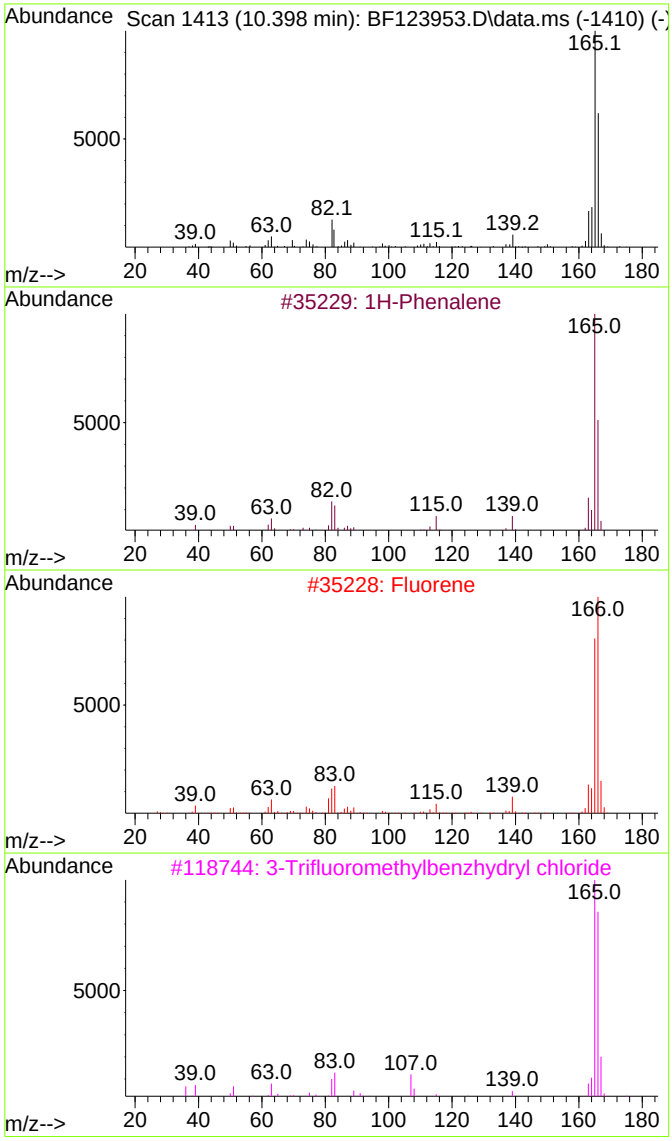
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

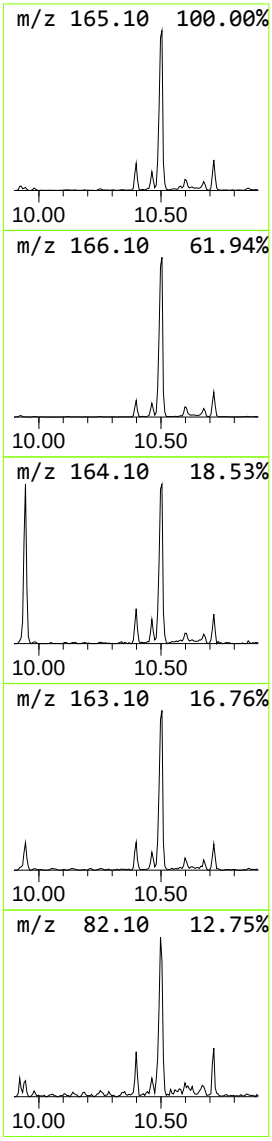
****

Peak Number 10 1H-Phenalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.398	15.28 ng	228228	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	83
2	Fluorene	166	C13H10	000086-73-7	52
3	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	40
4	Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	38
5	9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	12





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Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-01(6-8)

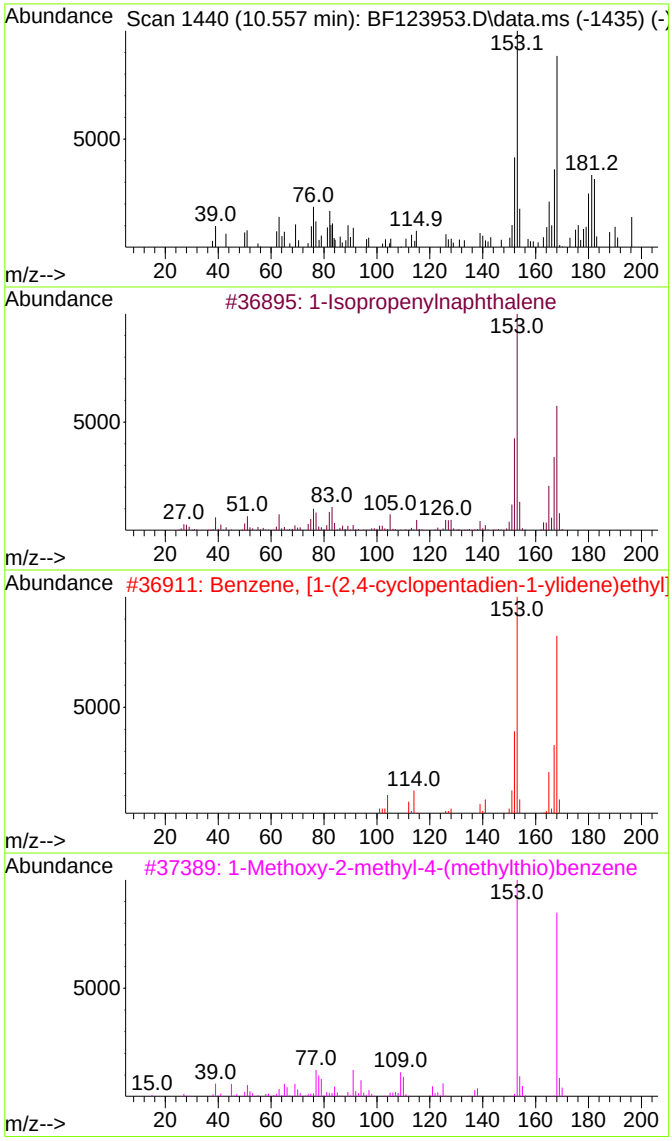
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

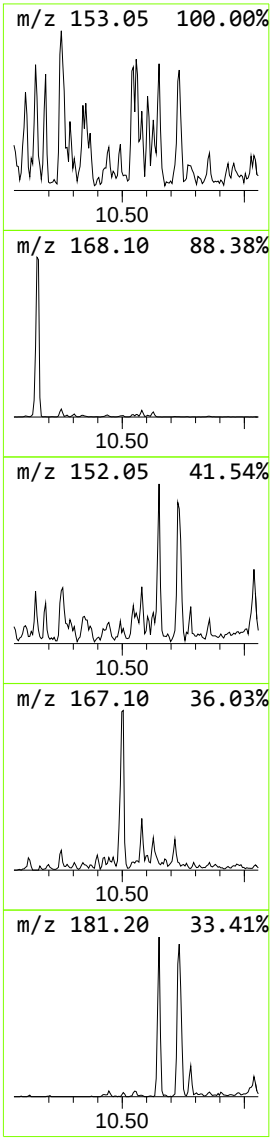
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1-Isopropenylnaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.557	10.36 ng	154738	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	91
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	64
3	1-Methoxy-2-methyl-4-(methylthio...	168	C9H12OS	050390-78-8	38
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	25





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Operator : JU/CG
Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
KSB-01(6-8)

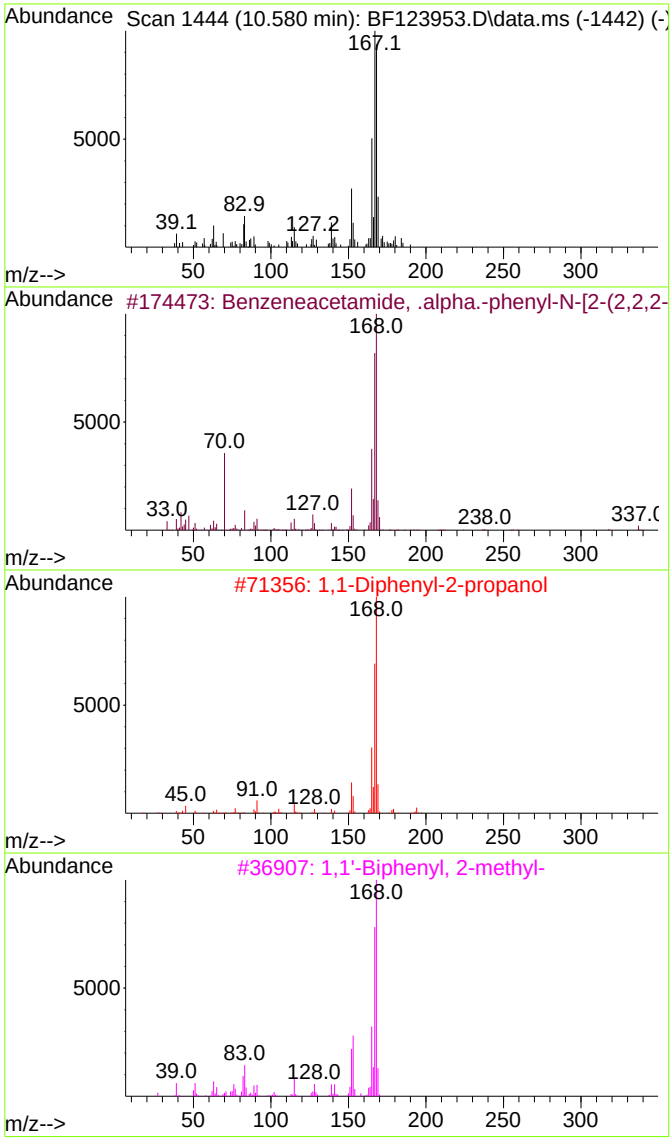
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

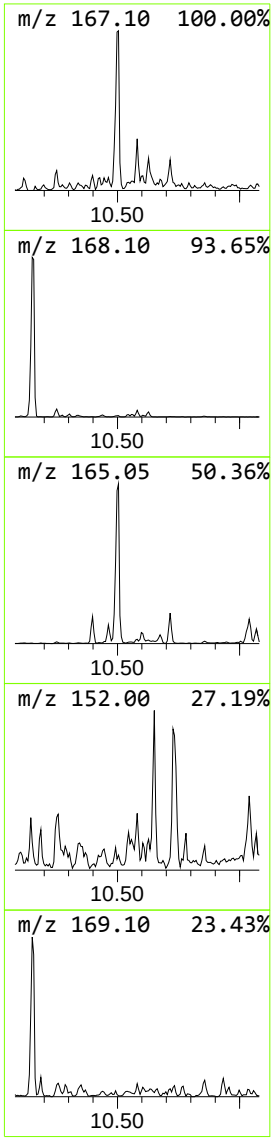
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzeneacetamide, .alpha.-p... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.580	11.71 ng	174990	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetamide, .alpha.-phenyl...	337	C18H18F3NO2	1000350-80-6	80
2	1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	72
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	70
4	Diphenylmethane	168	C13H12	000101-81-5	70
5	Nordiphenamid	225	C15H15NO	000954-21-2	59





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Operator : JU/CG
Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
KSB-01(6-8)

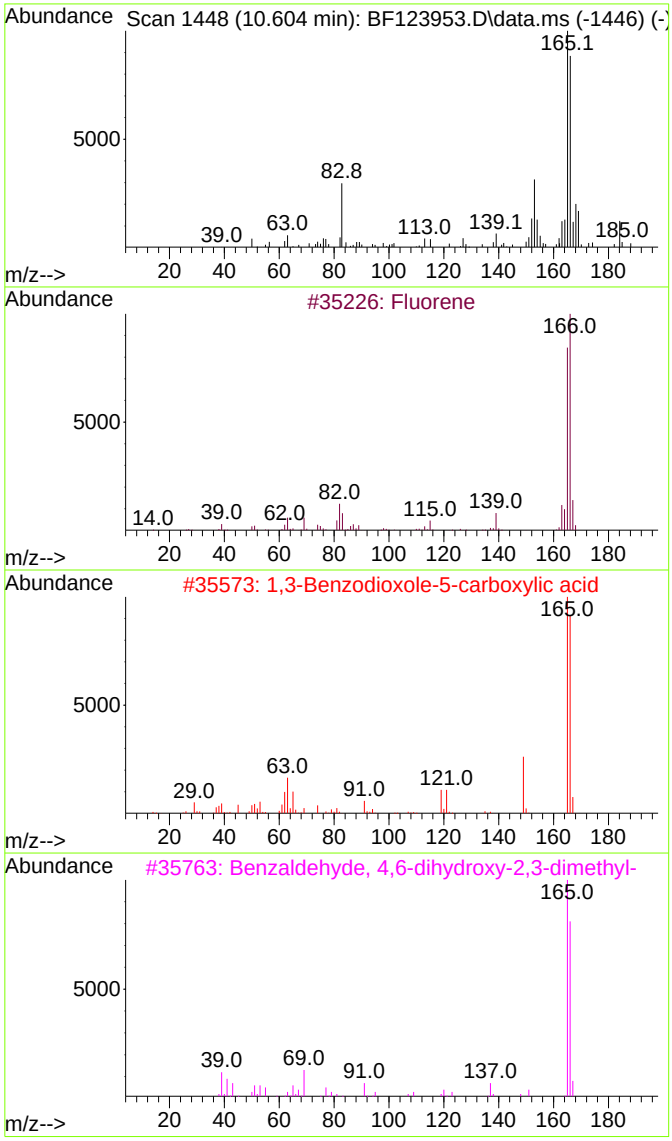
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

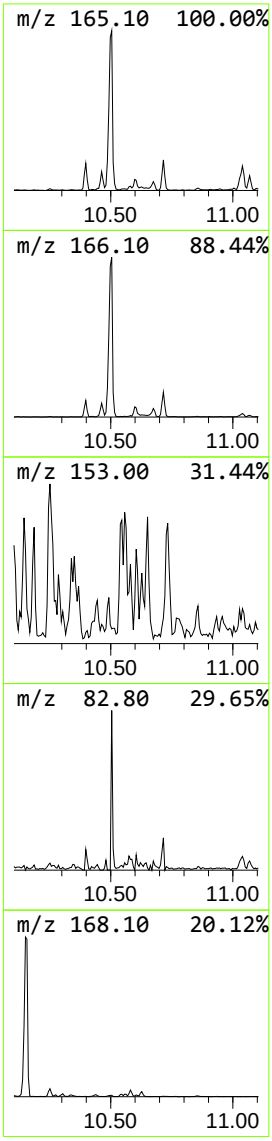
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,3-Benzodioxole-5-carboxyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.604	11.51 ng	171999	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	68
2	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	52
3	Benzaldehyde, 4,6-dihydroxy-2,3-...	166	C9H10O3	002990-31-0	50
4	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	42
5	Benzaldehyde, 2-hydroxy-4-methox...	166	C9H10O3	034883-08-4	40





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Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
KSB-01(6-8)

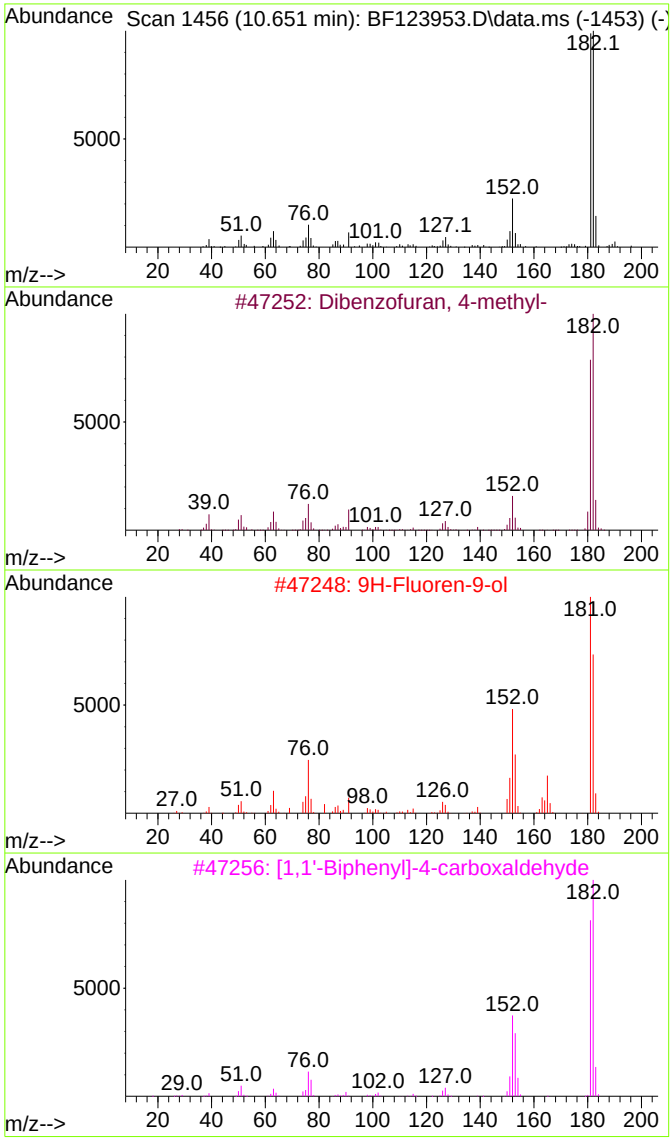
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

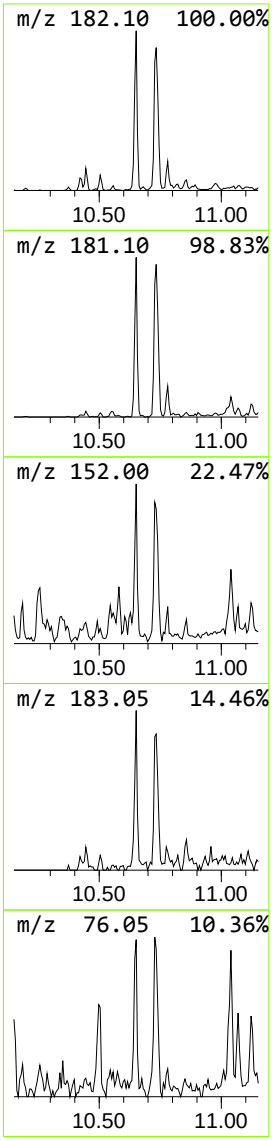
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Dibenzofuran, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	28.95 ng	432485	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
4	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	64
5	9H-Xanthene	182	C13H10O	000092-83-1	58





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Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
KSB-01(6-8)

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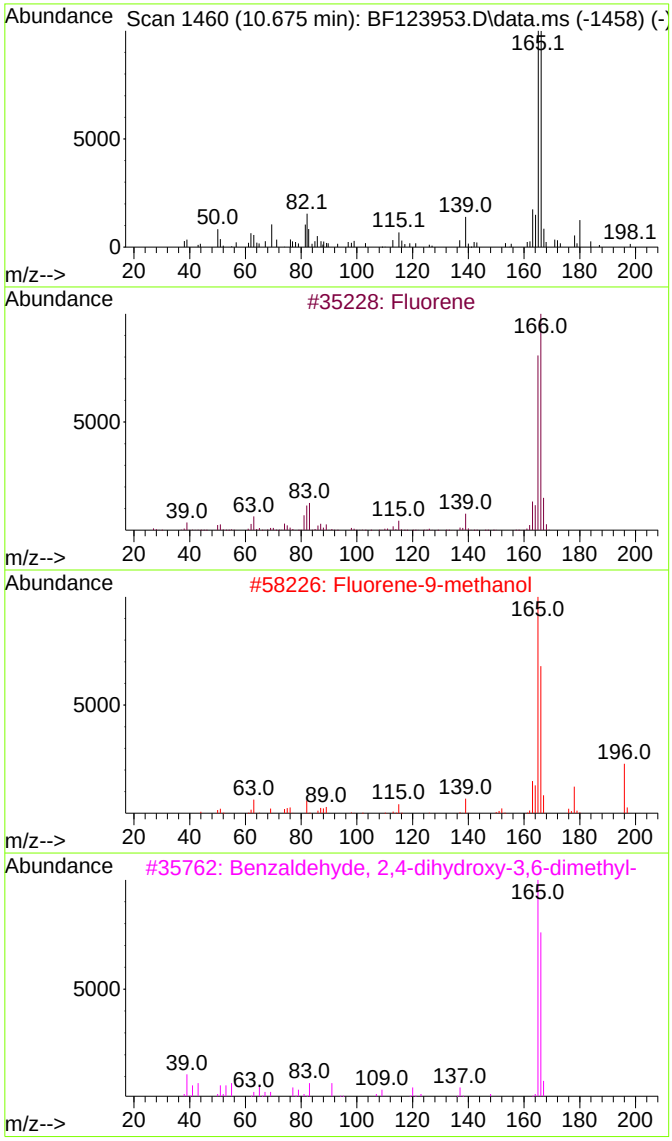
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

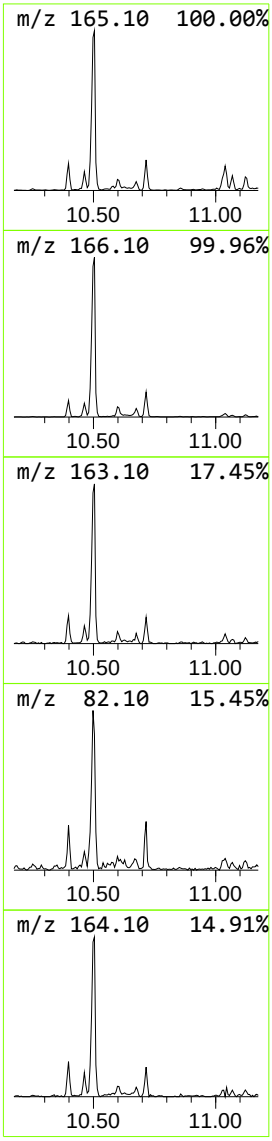
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Fluorene-9-methanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	8.33 ng	124430	Acenaphthene-d10	9.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	87
2	Fluorene-9-methanol	196	C14H12O	024324-17-2	78
3	Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	64
4	Diphenylacetyl chloride	230	C14H11ClO	001871-76-7	43
5	N-.alpha.-Fmoc-L-leucine	353	C21H23NO4	035661-60-0	43





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
KSB-01(6-8)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

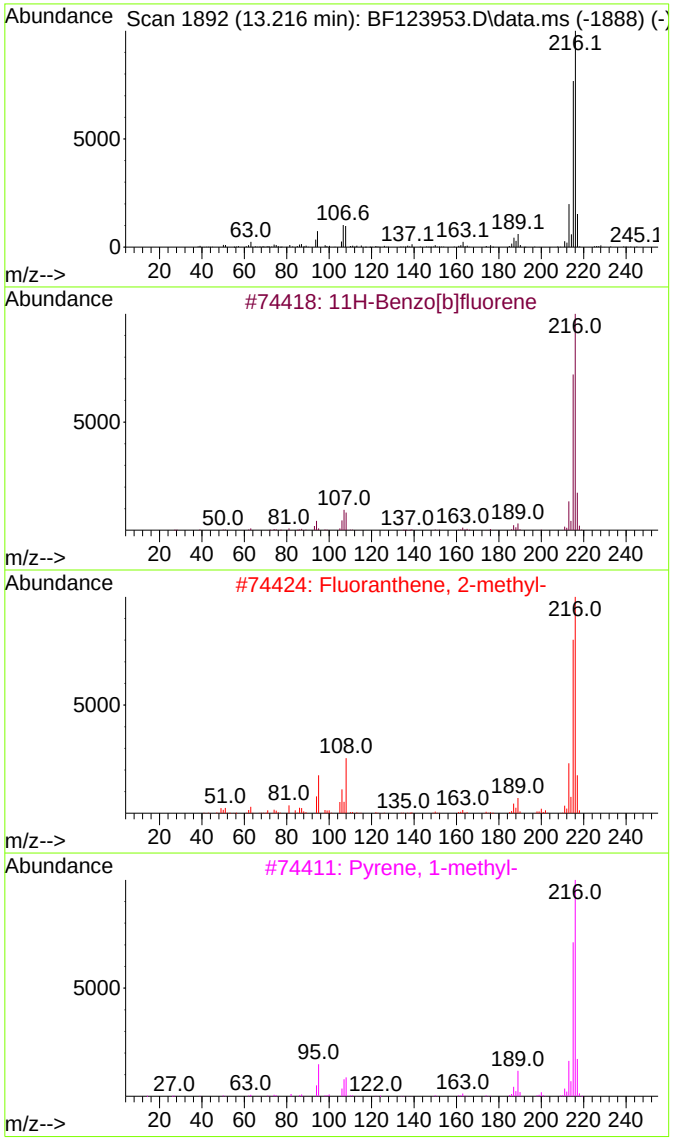
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

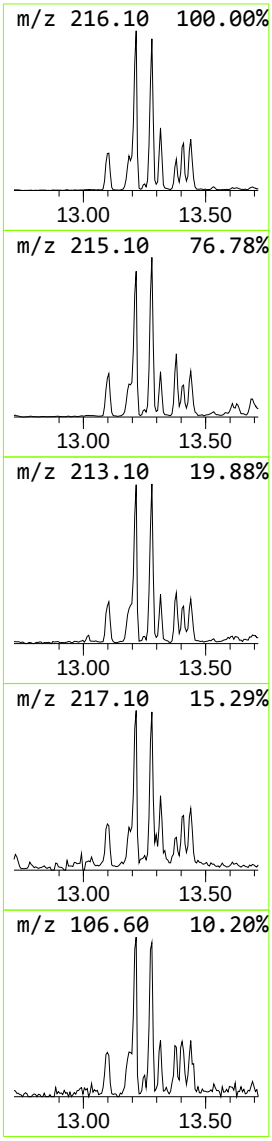
****

Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.216	7.51 ng	1093110	Chrysene-d12	14.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123953.D
Acq On : 15 May 2021 19:26
Operator : JU/CG
Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-01(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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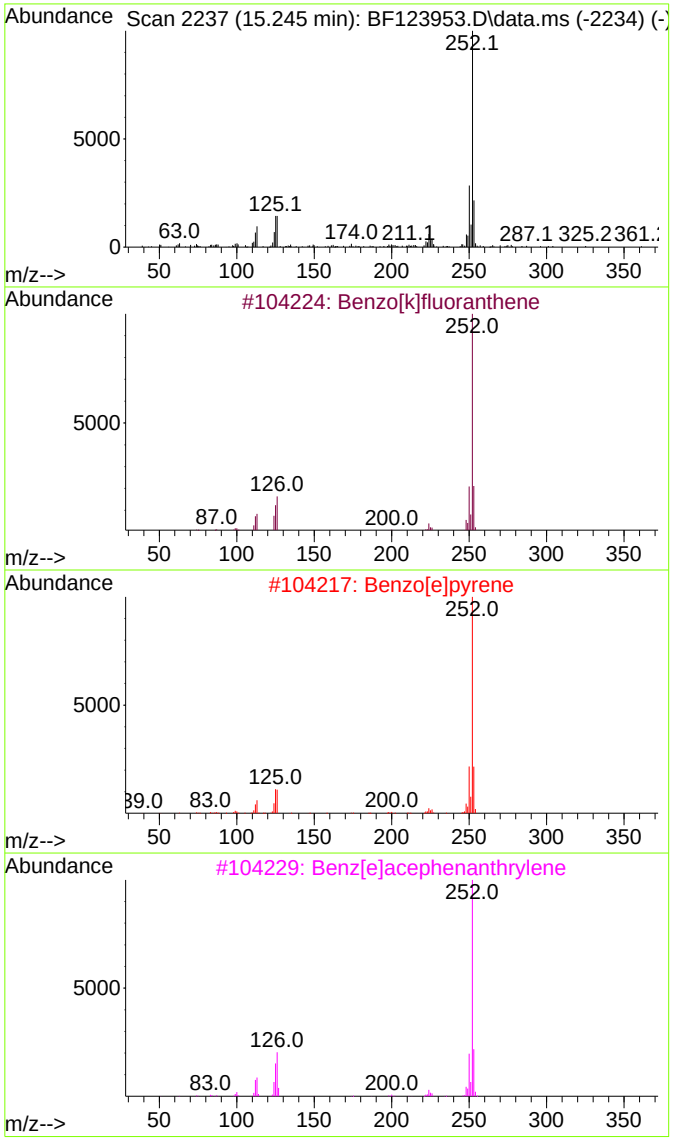
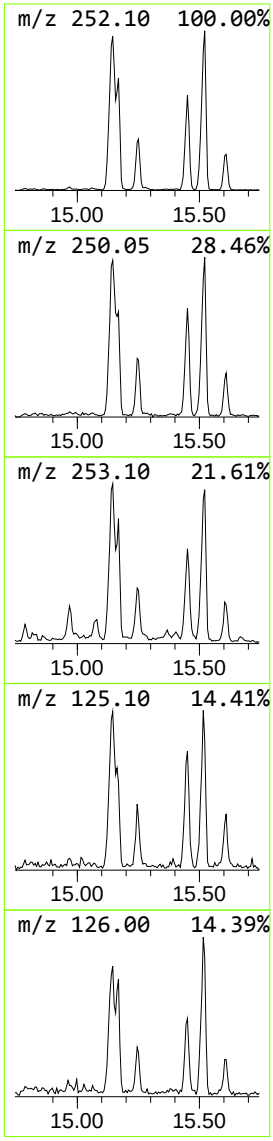
Peak Number 17 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.245	27.27 ng	275026	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	93





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Data File : BF123953.D
Acq On : 15 May 2021 19:26
Operator : JU/CG
Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-01(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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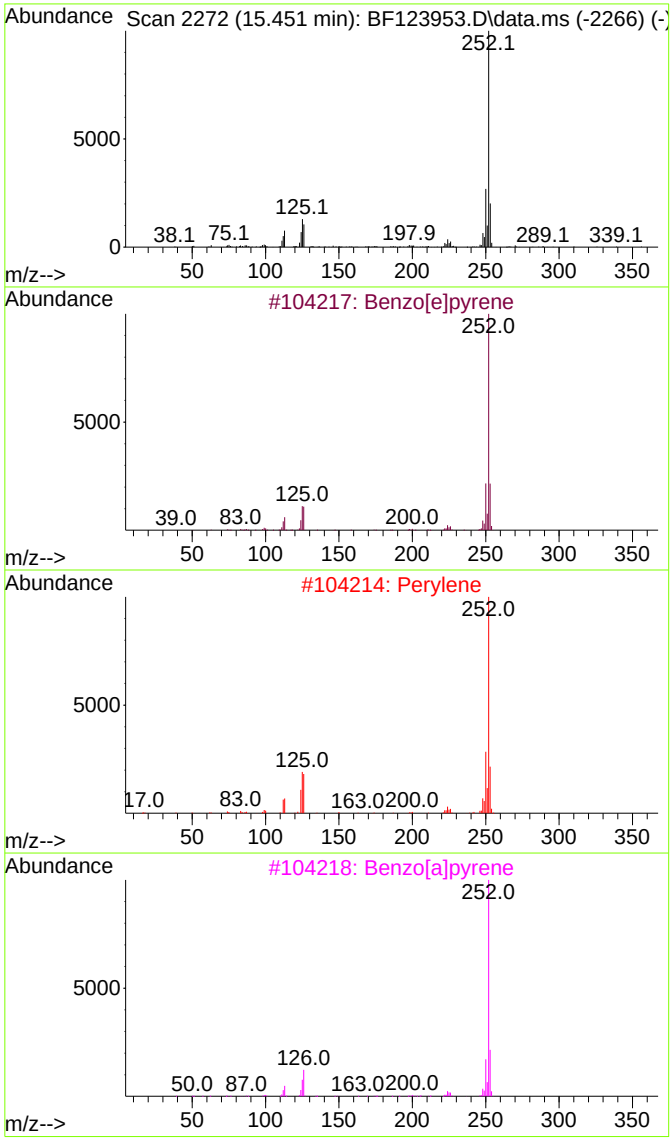
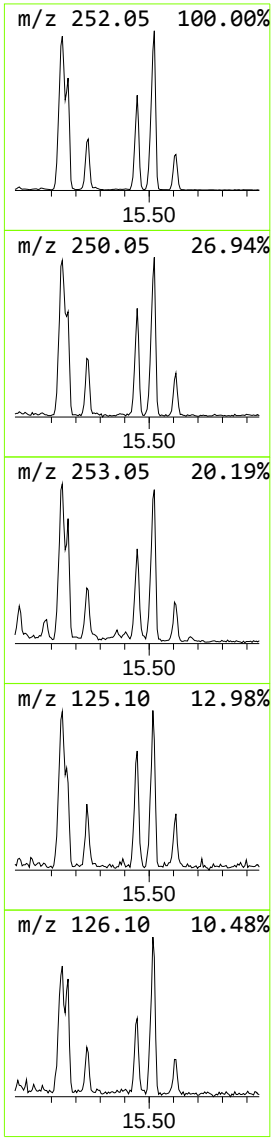
Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.451	61.00 ng	615197	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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Data File : BF123953.D
Acq On : 15 May 2021 19:26
Operator : JU/CG
Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-01(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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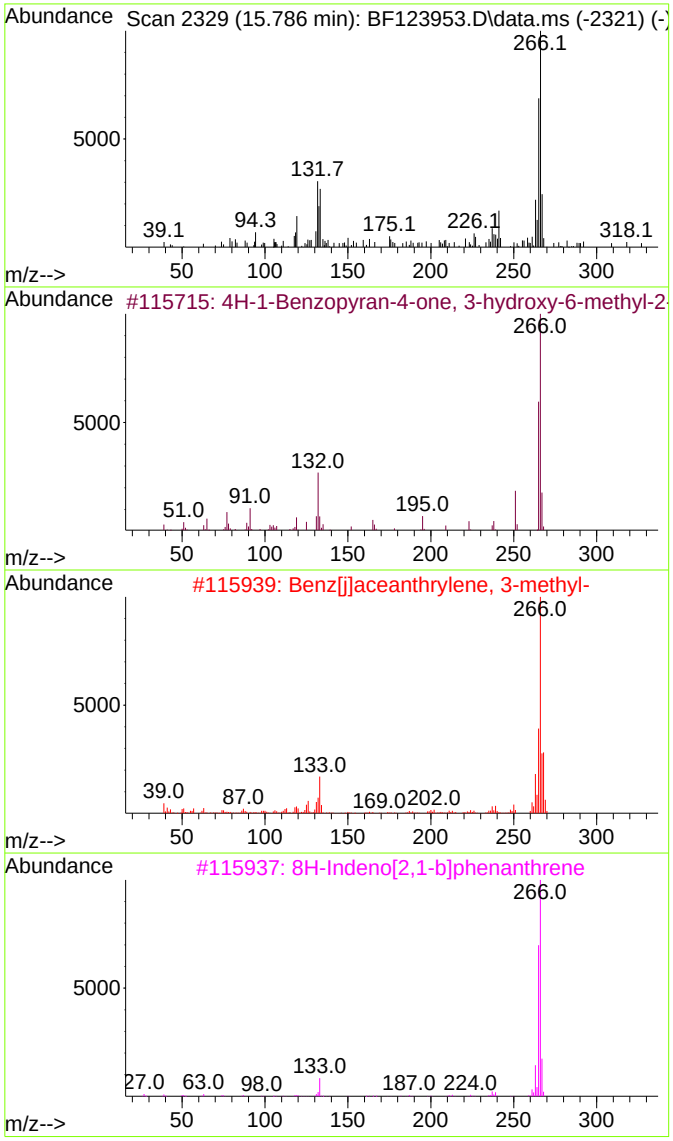
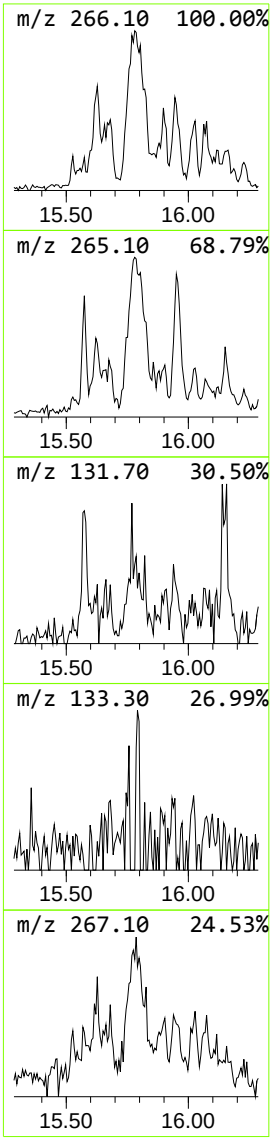
Peak Number 19 4H-1-Benzopyran-4-one, 3-hy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.786	16.14 ng	162742	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	72
2	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	62
3	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	53
4	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	52
5	Perylene, 3-methyl-	266	C21H14	024471-47-4	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123953.D
Acq On : 15 May 2021 19:26
Operator : JU/CG
Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KSB-01(6-8)

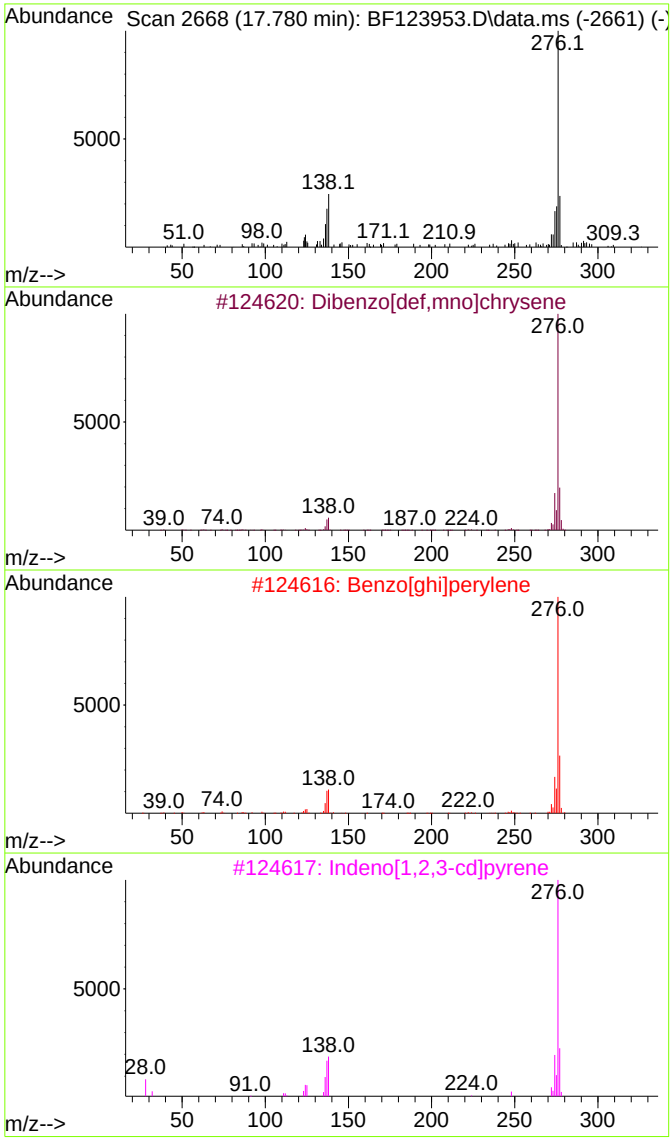
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

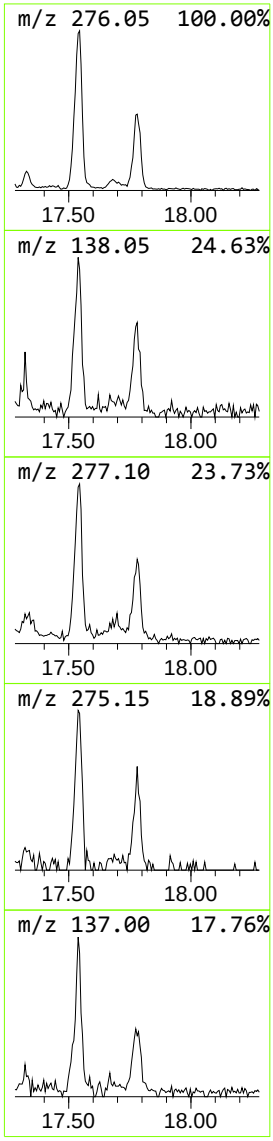
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.780	22.57 ng	227620	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	86
5	1H-Cyclopenta[4,5]pyrido[1,2-a]b...	276	C17H16N4	329707-31-5	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123953.D
Acq On : 15 May 2021 19:26
Operator : JU/CG
Sample : M2383-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-01(6-8)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.169	25.3	ng	351028	1	6.904	277479	20.0
Naphthalene, 1-...	9.475	9.2	ng	137673	3	9.945	298811	20.0
Naphthalene, 2,...	9.533	36.5	ng	545350	3	9.945	298811	20.0
Naphthalene, 2,...	9.604	37.6	ng	561171	3	9.945	298811	20.0
Naphthalene, 1,...	9.722	23.1	ng	345922	3	9.945	298811	20.0
Naphthalene, 2-...	10.051	12.7	ng	189190	3	9.945	298811	20.0
Naphthalene, 1,...	10.257	19.0	ng	284036	3	9.945	298811	20.0
Naphthalene, 1,...	10.286	9.4	ng	141239	3	9.945	298811	20.0
Naphthalene, 2,...	10.351	10.9	ng	162472	3	9.945	298811	20.0
1H-Phenalene	10.398	15.3	ng	228228	3	9.945	298811	20.0
1-Isopropenylna...	10.557	10.4	ng	154738	3	9.945	298811	20.0
Benzeneacetamid...	10.580	11.7	ng	174990	3	9.945	298811	20.0
1,3-Benzodioxol...	10.604	11.5	ng	171999	3	9.945	298811	20.0
Dibenzofuran, 4...	10.651	28.9	ng	432485	3	9.945	298811	20.0
Fluorene-9-meth...	10.675	8.3	ng	124430	3	9.945	298811	20.0
11H-Benzo[b]flu...	13.216	7.5	ng	1093110	5	14.086	2910280	20.0
Benzo[e]pyrene	15.245	27.3	ng	275026	6	15.574	201719	20.0
Perylene	15.451	61.0	ng	615197	6	15.574	201719	20.0
4H-1-Benzopyran...	15.786	16.1	ng	162742	6	15.574	201719	20.0
Dibenzo[def,mno...	17.780	22.6	ng	227620	6	15.574	201719	20.0