LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
Data File : BF135086.D
Acq On : 01 Sep 2023 20:21
Operator : CG\JU
Sample : 04189-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

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-BF083023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135086.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.363	552	557	569	rBV	2867452	4362394	8.26%	0.781%
2	5.622	595	601	604	rBV	2653917	2606106	4.93%	0.467%
3	6.304	713	717	719	rVV	1465214	1445431	2.74%	0.259%
4	6.381	725	730	733	rVV	3426582	3110569	5.89%	0.557%
5	6.610	761	769	771	rBV	5448108	6583412	12.46%	1.179%
6	6.634	771	773	776	rVB	1634832	1375727	2.60%	0.246%
7	6.834	803	807	810	rVV	2171415	1916158	3.63%	0.343%
8	6.875	810	814	819	rVB	1358829	1328268	2.51%	0.238%
9	6.957	823	828	831	rVB	2699218	2467356	4.67%	0.442%
10	7.051	834	844	847	rBV	7204206	11917087	22.56%	2.134%
11	7.422	901	907	911	rVV	2273907	2264051	4.29%	0.405%
12	7.487	911	918	920	rVV	3759909	5137499	9.73%	0.920%
13	7.545	924	928	930	rVV	1235172	1144198	2.17%	0.205%
14	7.569	930	932	936	rVV	1134331	1073674	2.03%	0.192%
15	7.645	939	945	954	rVV	749774	1533267	2.90%	0.275%
16	7.804	965	972	977	rBV3	2620168	5191488	9.83%	0.929%
17	7.857	977	981	991	rVV	1526698	3496493	6.62%	0.626%
18	8.175	1013	1035	1036	rBV	9154619	52827203	100.00%	9.458%
19	8.192	1036	1038	1041	rVB	6790660	6194402	11.73%	1.109%
20	8.728	1121	1129	1132	rVV	899522	1197156	2.27%	0.214%
21	8.810	1132	1143	1145	rVV	7589568	19893771	37.66%	3.562%
22	8.839	1145	1148	1150	rVV	1488425	1317757	2.49%	0.236%
23	8.904	1150	1159	1162	rVV	7285364	13408012	25.38%	2.400%
24	9.245	1209	1217	1220	rBV	6112515	7501503	14.20%	1.343%
25	9.333	1229	1232	1237	rVB2	1446444	1776425	3.36%	0.318%
26	9.410	1237	1245	1248	rBV	3835055	6212568	11.76%	1.112%
27	9.481	1252	1257	1259	rVV	4361898	5605262	10.61%	1.004%
28	9.510	1259	1262	1265	rVV	4111890	3581848	6.78%	0.641%
29	9.592	1272	1276	1286	rVB	2120368	3371114	6.38%	0.604%
30	9.692	1286	1293	1296	rBV	6138654	8857744	16.77%	1.586%
31	9.804	1307	1312	1316	rBV2	2842628	2707398	5.13%	0.485%
32	9.857	1316	1321	1324	rBV	5498882	5857479	11.09%	1.049%
33	10.045	1344	1353	1355	rBV	6370348	13089088	24.78%	2.343%
34	10.128	1363	1367	1370	rBV2	1242272	1417901	2.68%	0.254%
35	10.163	1370	1373	1379	rVB2	1162420	1086015	2.06%	0.194%
36	10.269	1389	1391	1395	rVB	1298579	1078541	2.04%	0.193%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
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Operator : CG\JU
Sample : 04189-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

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-BF083023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.392	1404	1412	1415	rVV2	6490314	13528896	25.61%	2.422%
38	10.528	1432	1435	1438	rVV	3203639	3048089	5.77%	0.546%
39	10.592	1442	1446	1447	rBV	1693463	1692793	3.20%	0.303%
40	10.610	1447	1449	1453	rVB	3272333	4180901	7.91%	0.749%
41	10.916	1494	1501	1504	rBV2	2547232	3353946	6.35%	0.600%
42	11.045	1518	1523	1525	rBV	984176	1176099	2.23%	0.211%
43	11.122	1533	1536	1540	rBV2	879837	1085211	2.05%	0.194%
44	11.216	1547	1552	1554	rBV	4233256	5480345	10.37%	0.981%
45	11.239	1554	1556	1564	rVB	1500806	1839495	3.48%	0.329%
46	11.410	1564	1585	1587	rBV	7928686	38333000	72.56%	6.863%
47	11.445	1587	1591	1595	rVB2	7149160	10135321	19.19%	1.815%
48	11.569	1606	1612	1615	rBV2	5075284	8225337	15.57%	1.473%
49	11.622	1618	1621	1624	rVV3	1976559	1852263	3.51%	0.332%
50	11.669	1624	1629	1631	rVB5	1033896	1492341	2.82%	0.267%
51	11.727	1635	1639	1644	rVB2	2113831	2255397	4.27%	0.404%
52	11.827	1649	1656	1659	rBV	3856694	6169425	11.68%	1.105%
53	11.863	1659	1662	1665	rVB	5026649	5240260	9.92%	0.938%
54	11.916	1665	1671	1673	rBV	2261645	3074494	5.82%	0.550%
55	11.957	1673	1678	1682	rVV2	5424695	10057919	19.04%	1.801%
56	12.086	1696	1700	1702	rBV2	1114025	1358746	2.57%	0.243%
57	12.122	1702	1706	1709	rVB	3855310	4246396	8.04%	0.760%
58	12.374	1743	1749	1750	rBV2	1363833	1916624	3.63%	0.343%
59	12.404	1750	1754	1762	rVB	3111822	4881905	9.24%	0.874%
60	12.486	1762	1768	1773	rVB	1583202	2894667	5.48%	0.518%
61	12.604	1773	1788	1790	rBV	7096883	29133298	55.15%	5.216%
62	12.657	1794	1797	1803	rVB2	2887533	3304551	6.26%	0.592%
63	12.710	1803	1806	1813	rVB2	2128648	2530370	4.79%	0.453%
64	12.821	1813	1825	1827	rBV3	7116429	24033668	45.49%	4.303%
65	12.910	1835	1840	1844	rBV	2775408	2959646	5.60%	0.530%
66	13.004	1849	1856	1858	rBV2	2139870	3793018	7.18%	0.679%
67	13.033	1858	1861	1863	rVB	1801805	1461266	2.77%	0.262%
68	13.121	1872	1876	1878	rVB	4247179	5546701	10.50%	0.993%
69	13.186	1878	1887	1889	rBV	4117086	6487044	12.28%	1.161%
70	13.221	1889	1893	1896	rVV2	2433740	2972313	5.63%	0.532%
71	13.310	1904	1908	1910	rBV	1496766	1315781	2.49%	0.236%
72	13.339	1910	1913	1921	rVB2	2219692	2699939	5.11%	0.483%
73	13.439	1925	1930	1931	rBV	2187730	2760412	5.23%	0.494%
74	13.504	1936	1941	1944	rBV4	857421	1320651	2.50%	0.236%
75	13.727	1972	1979	1981	rBV2	1655827	2910146	5.51%	0.521%
76	13.757	1981	1984	1987	rVV	2253653	3193206	6.04%	0.572%

LSC Area Percent Report

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Operator : CG\JU
Sample : 04189-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

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-BF083023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.792	1987	1990	1995	rVB4	2841841	4329528	8.20%	0.775%
78	14.010	2016	2027	2028	rBV3	5967204	17167522	32.50%	3.073%
79	14.116	2040	2045	2047	rBV	3025455	3147758	5.96%	0.564%
80	14.139	2047	2049	2052	rVB	2028891	1628049	3.08%	0.291%
81	14.221	2058	2063	2066	rBV3	2153694	2999742	5.68%	0.537%
82	14.315	2074	2079	2080	rBV2	785671	1139935	2.16%	0.204%
83	14.333	2080	2082	2084	rVV2	1265420	1475527	2.79%	0.264%
84	14.374	2087	2089	2092	rVV	2377683	2782565	5.27%	0.498%
85	14.410	2092	2095	2099	rVV3	1400164	1785812	3.38%	0.320%
86	14.474	2100	2106	2108	rVV2	1551626	2754283	5.21%	0.493%
87	14.504	2108	2111	2112	rVV	1788983	1828349	3.46%	0.327%
88	14.521	2112	2114	2117	rVV3	2054698	2289759	4.33%	0.410%
89	14.563	2117	2121	2127	rVB3	1099788	1624852	3.08%	0.291%
90	14.874	2169	2174	2179	rVB3	637424	1096006	2.07%	0.196%
91	15.074	2194	2208	2210	rVV	4832973	14600587	27.64%	2.614%
92	15.098	2210	2212	2219	rVV3	4866893	6822062	12.91%	1.221%
93	15.168	2219	2224	2229	rVV	2274432	2840227	5.38%	0.508%
94	15.368	2249	2258	2262	rVV	3079852	7038427	13.32%	1.260%
95	15.457	2262	2273	2276	rVV	4308503	10589744	20.05%	1.896%
96	15.527	2279	2285	2288	rVV2	2430486	4102338	7.77%	0.734%
97	17.015	2521	2538	2541	rBV2	2179225	7537684	14.27%	1.349%
98	17.151	2553	2561	2566	rBV	719933	1638885	3.10%	0.293%
99	17.474	2599	2616	2622	rBV	1710321	6401607	12.12%	1.146%
100	17.704	2644	2655	2662	rVB2	1016354	3068835	5.81%	0.549%

Sum of corrected areas: 558566328

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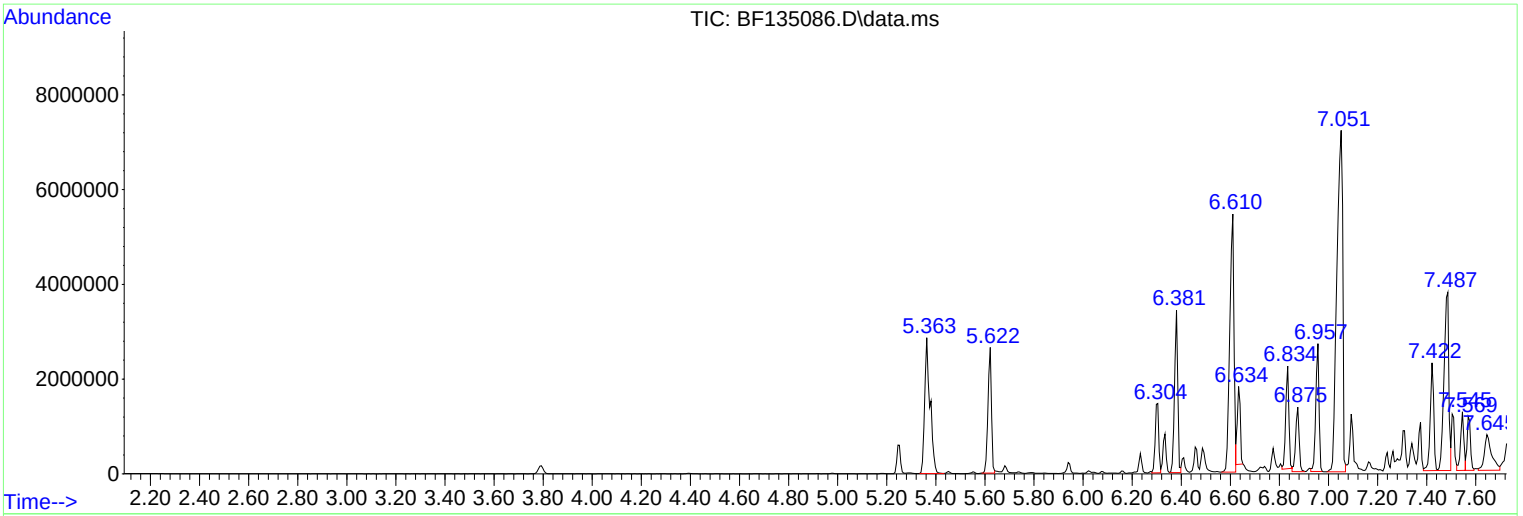
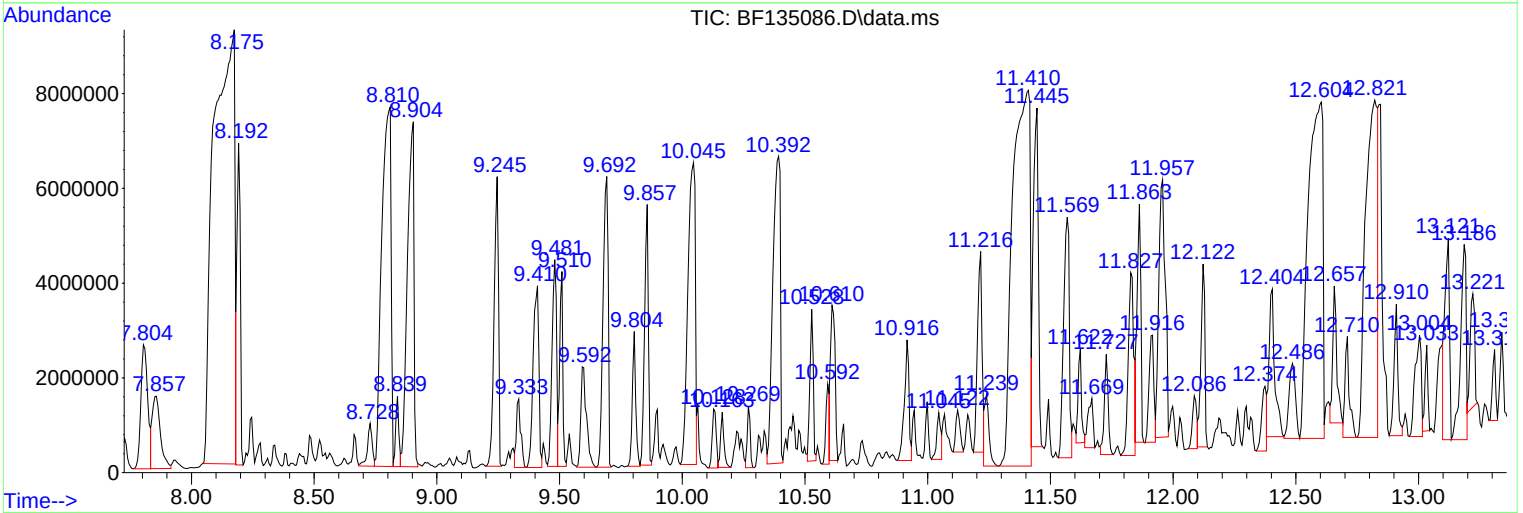
Misc :
ALS Vial : 21 Sample Multiplier: 1

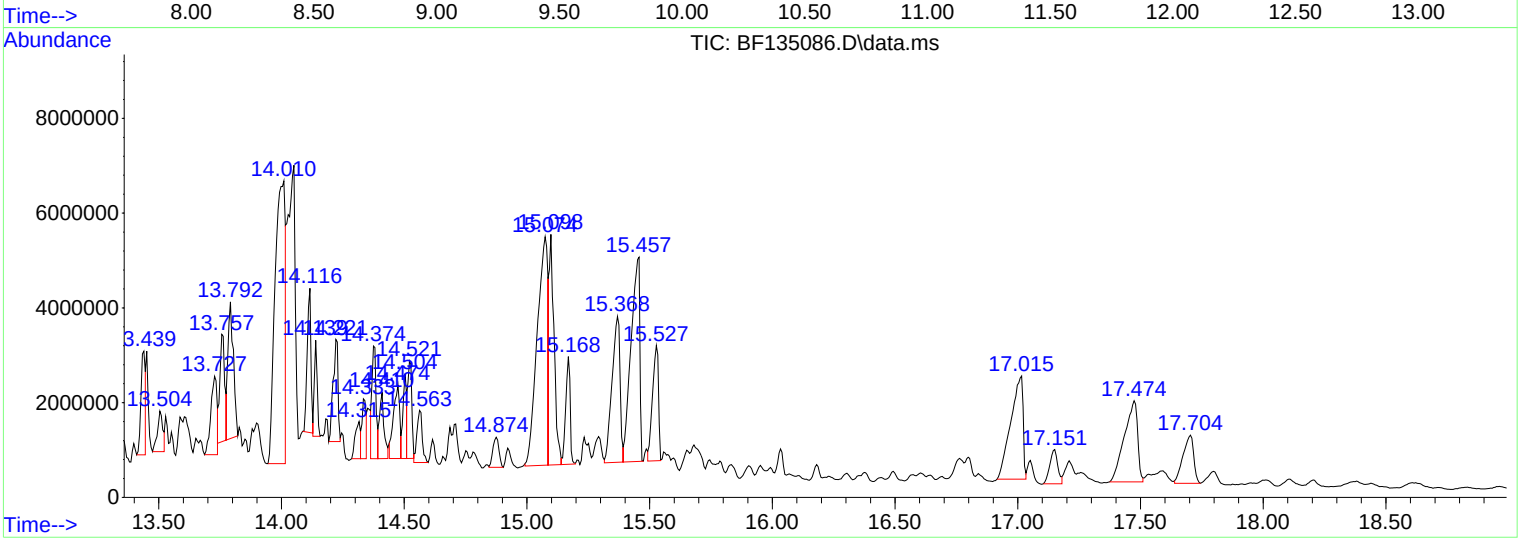
Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.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\BF090123\
Data File : BF135086.D
Acq On : 01 Sep 2023 20:21
Operator : CG\JU
Sample : 04189-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

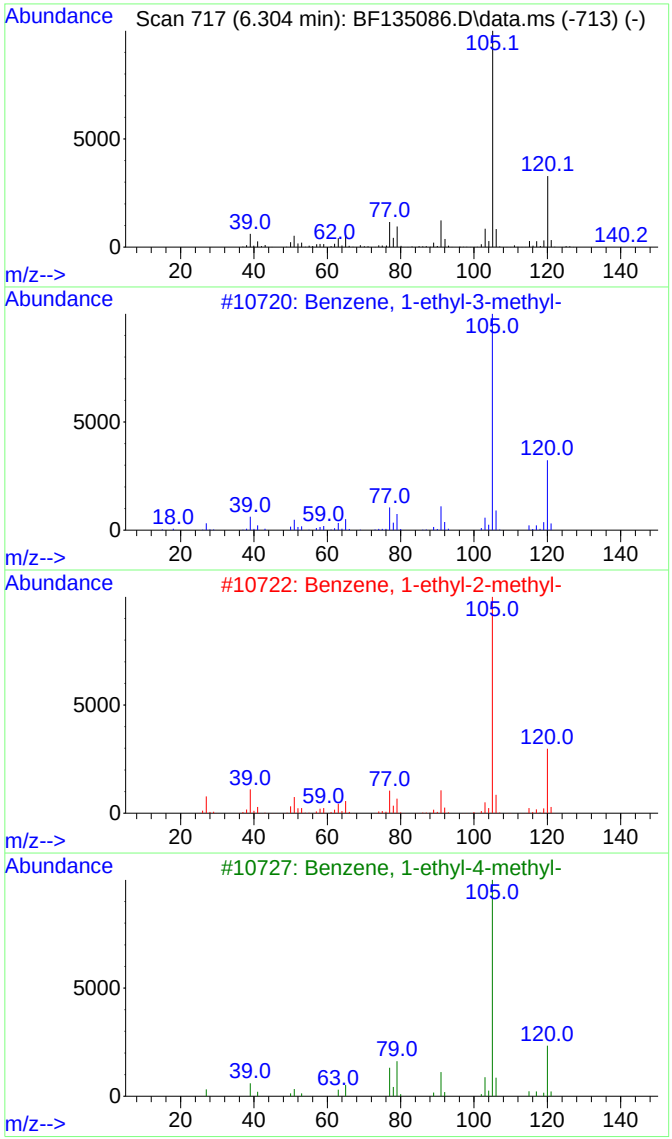
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

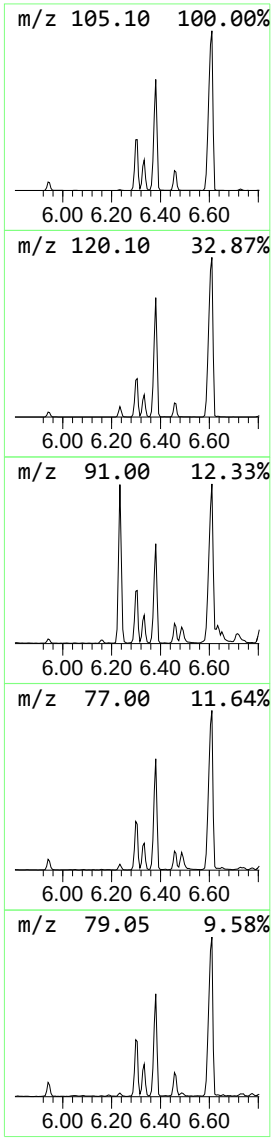
****

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.304	15.09 ng	1445430	1,4-Dichlorobenzene-d4	6.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Data File : BF135086.D
Acq On : 01 Sep 2023 20:21
Operator : CG\JU
Sample : 04189-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

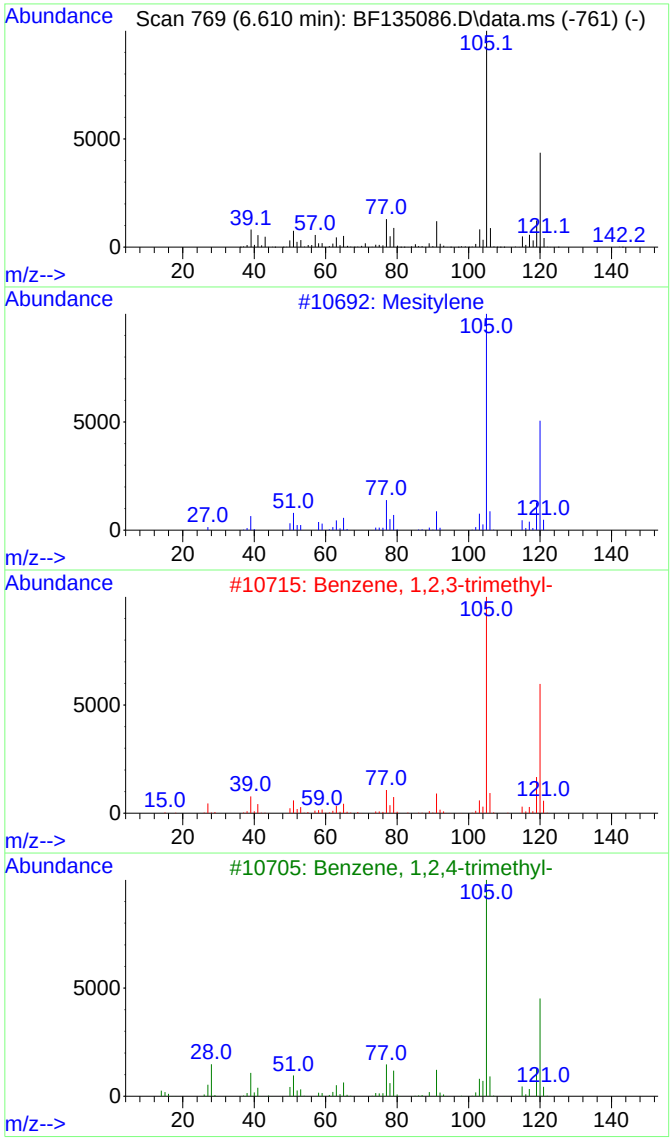
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

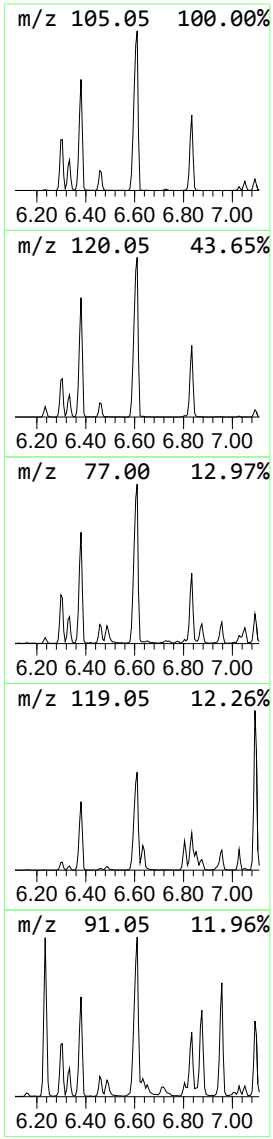
****

Peak Number 3 Mesitylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.610	68.71 ng	6583410	1,4-Dichlorobenzene-d4	6.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Acq On : 01 Sep 2023 20:21
Operator : CG\JU
Sample : 04189-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

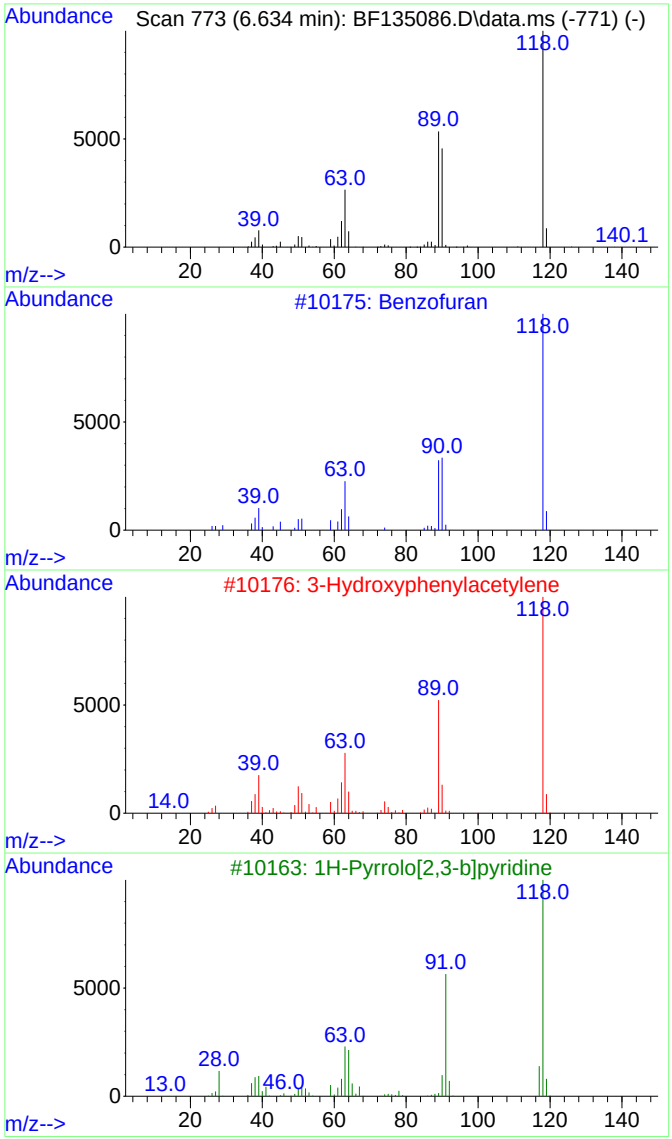
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

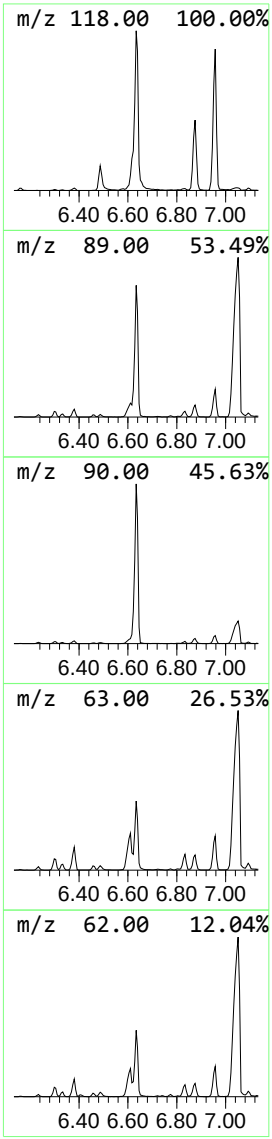
****

Peak Number 4 Benzofuran Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.634	14.36 ng	1375730	1,4-Dichlorobenzene-d4	6.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	93
2	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	83
3	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	40
4	1H-Indazole	118	C7H6N2	000271-44-3	40
5	5-Azaindole	118	C7H6N2	000271-34-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
Data File : BF135086.D
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Misc :
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Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

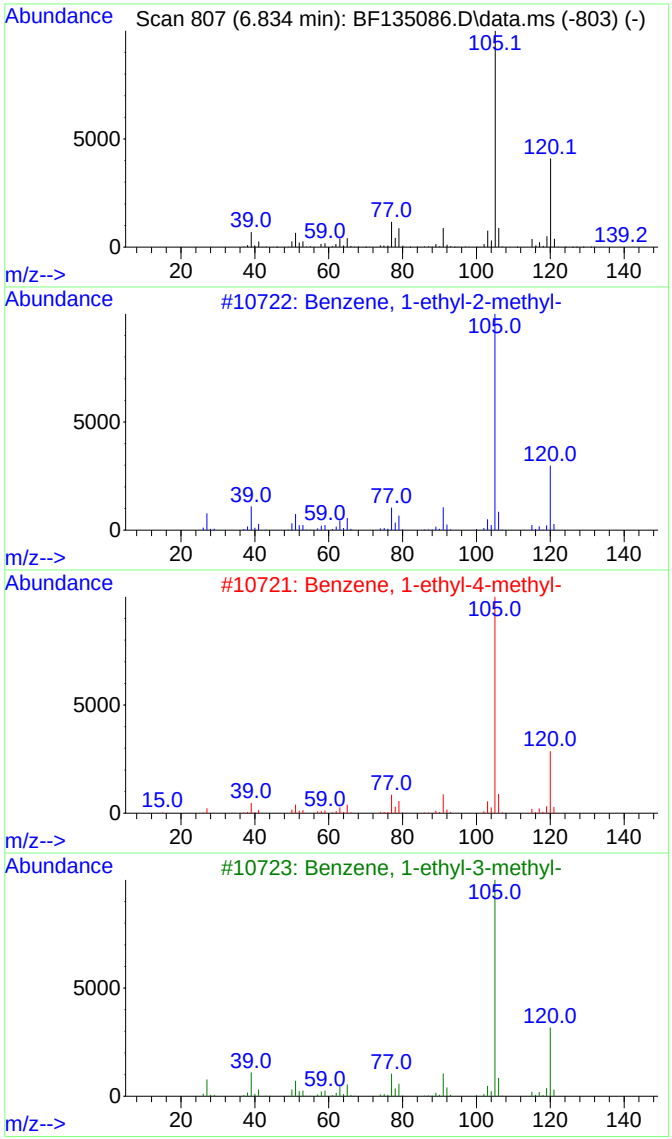
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

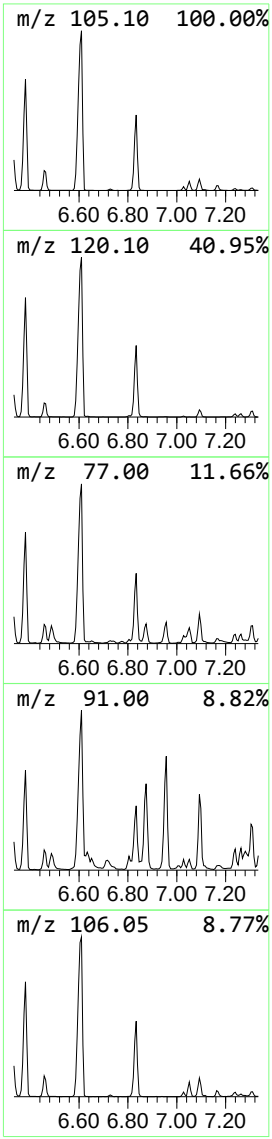
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.834	20.00 ng	1916160	1,4-Dichlorobenzene-d4	6.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
Data File : BF135086.D
Acq On : 01 Sep 2023 20:21
Operator : CG\JU
Sample : 04189-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

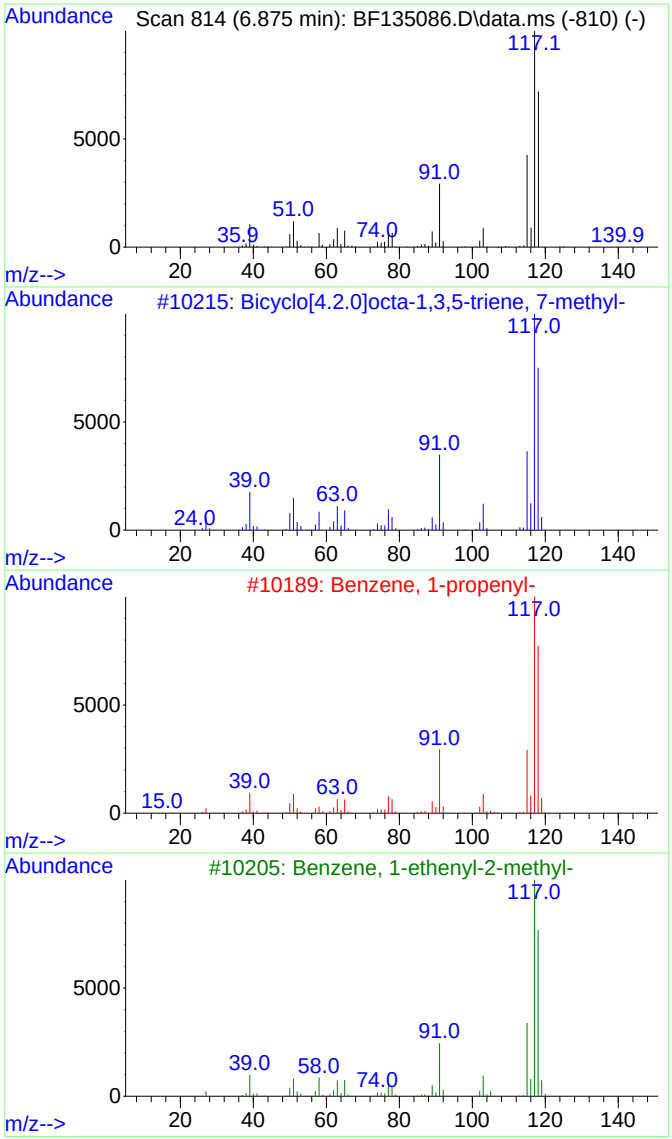
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

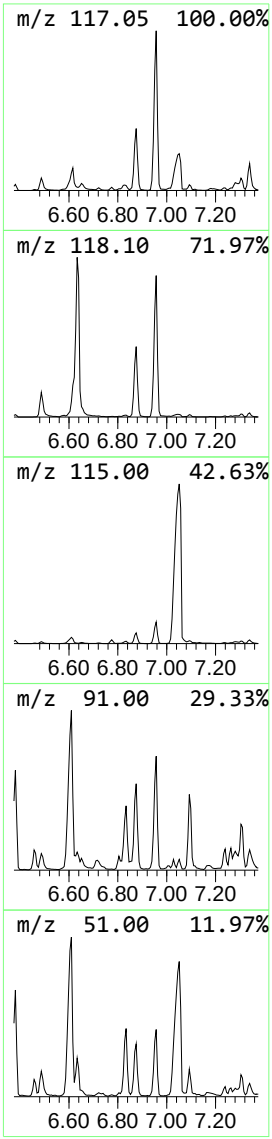
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.875	13.86 ng	1328270	1,4-Dichlorobenzene-d4	6.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	95
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	93
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	92
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	86
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	86





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Acq On : 01 Sep 2023 20:21
Operator : CG\JU
Sample : 04189-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.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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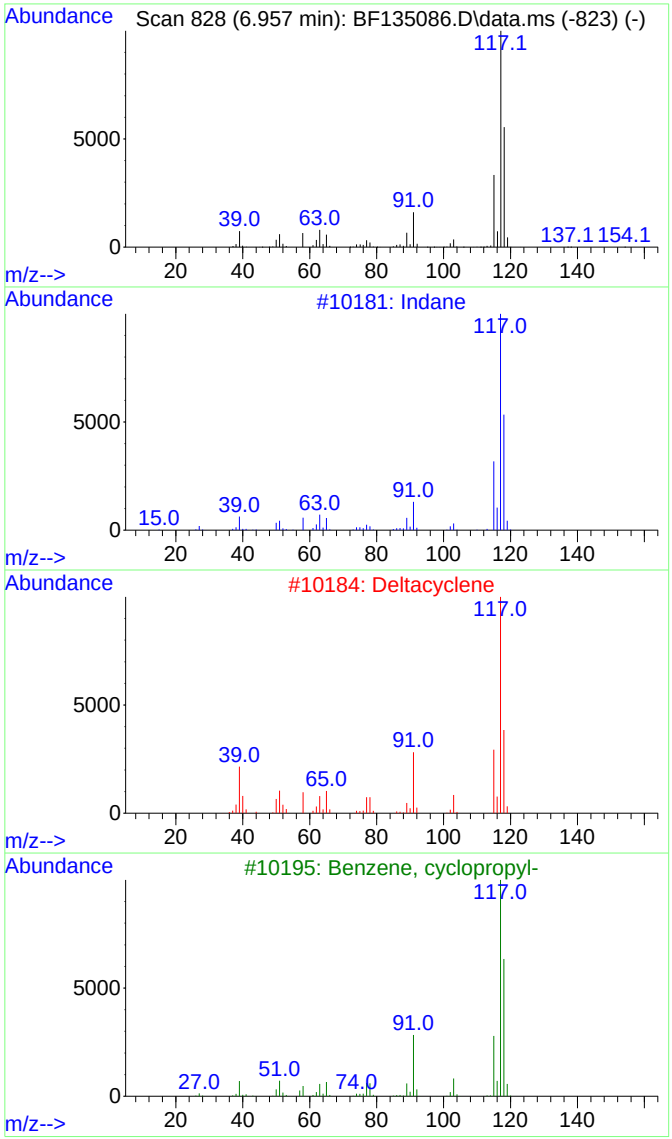
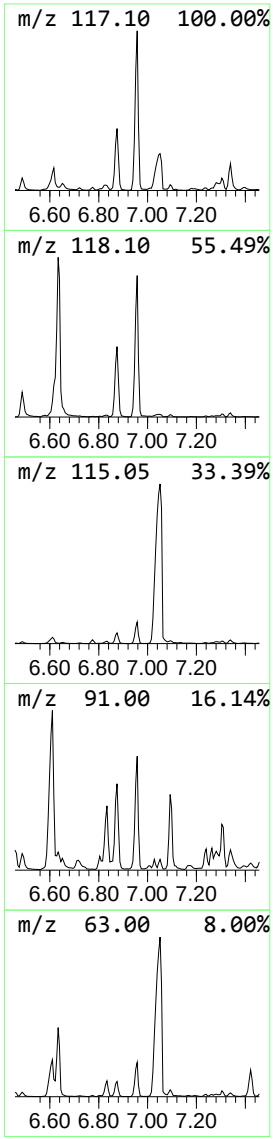
Peak Number 7 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.957	25.75 ng	2467360	1,4-Dichlorobenzene-d4	6.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Deltacyclene	118	C9H10	007785-10-6	72
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60





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Sample : 04189-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-07(14-15)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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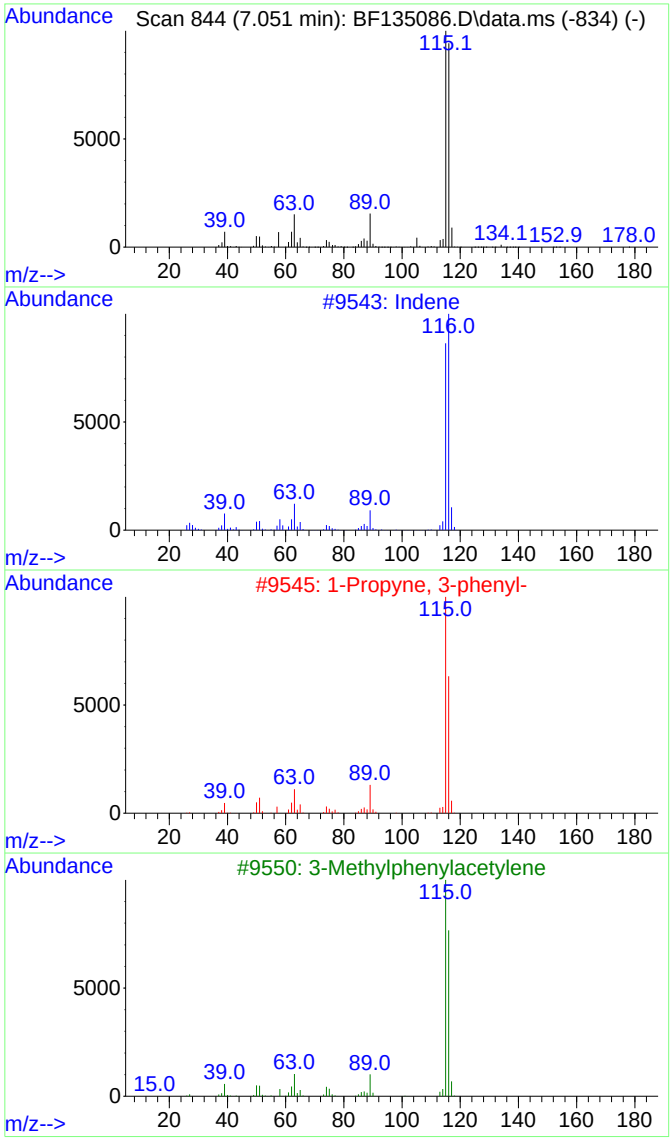
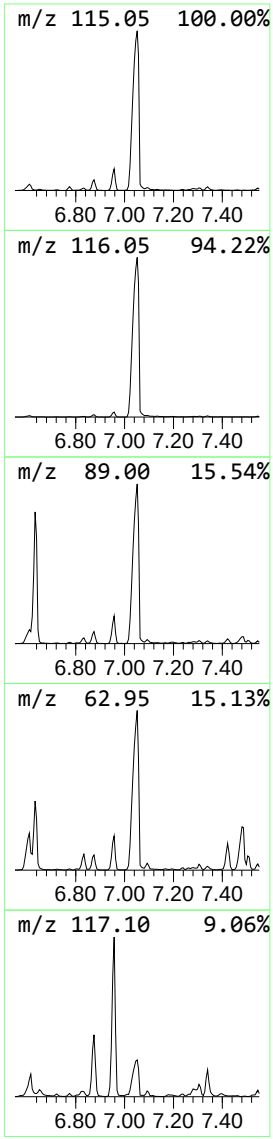
Peak Number 8 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	124.39 ng	11917100	1,4-Dichlorobenzene-d4	6.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	95
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





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ClientSampleId :
SB-07(14-15)

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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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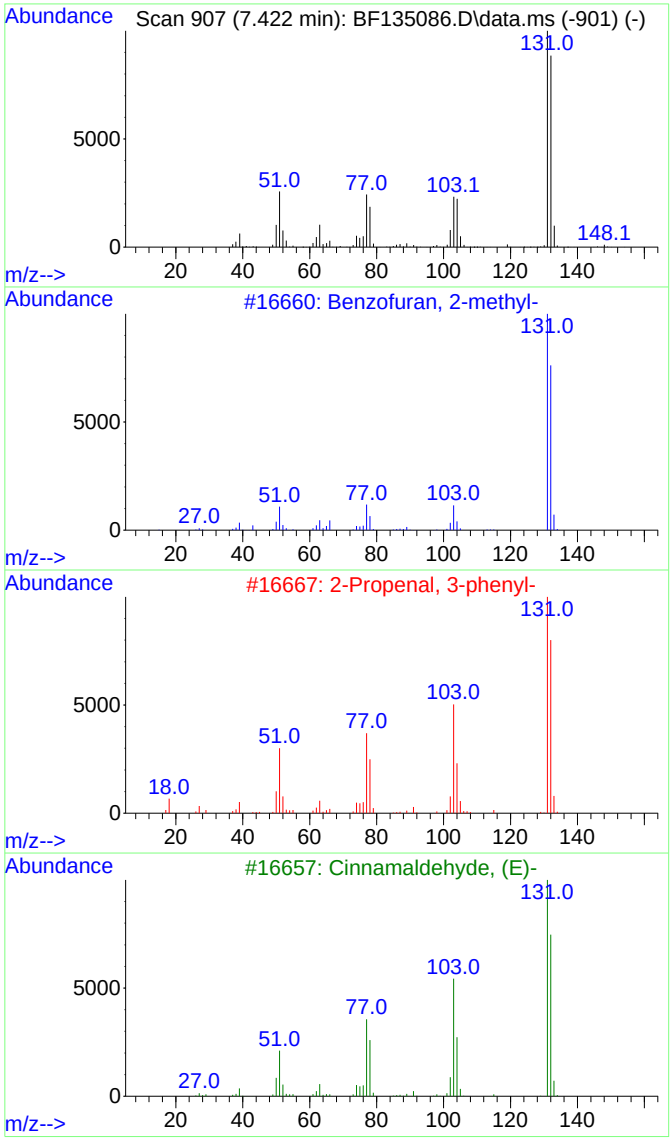
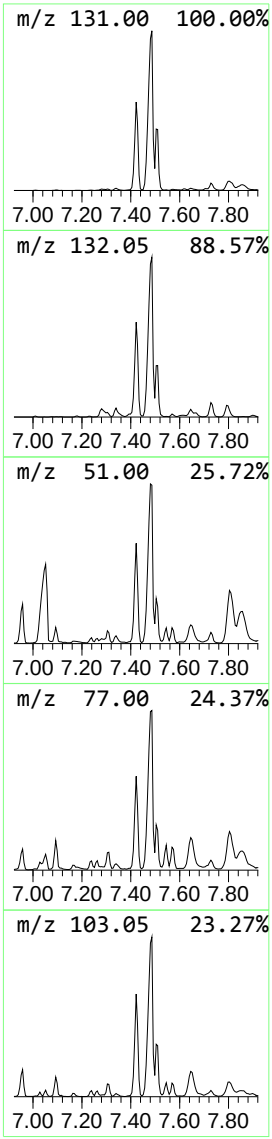
Peak Number 9 Benzofuran, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.422	23.63 ng	2264050	1,4-Dichlorobenzene-d4	6.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
5	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90





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Misc :
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SB-07(14-15)

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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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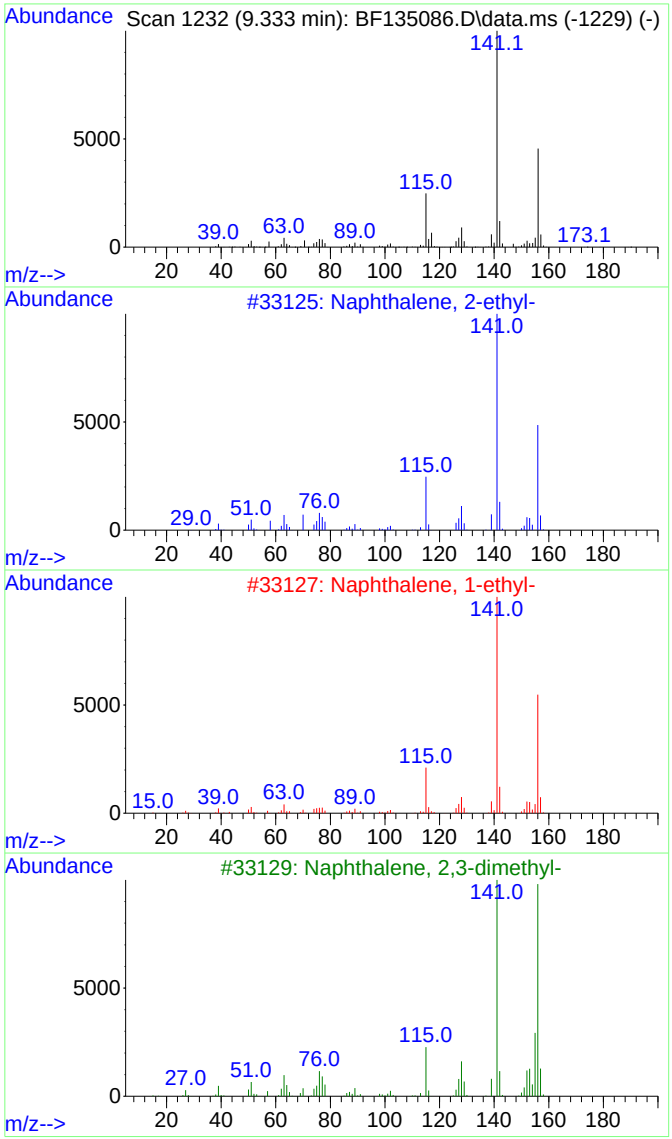
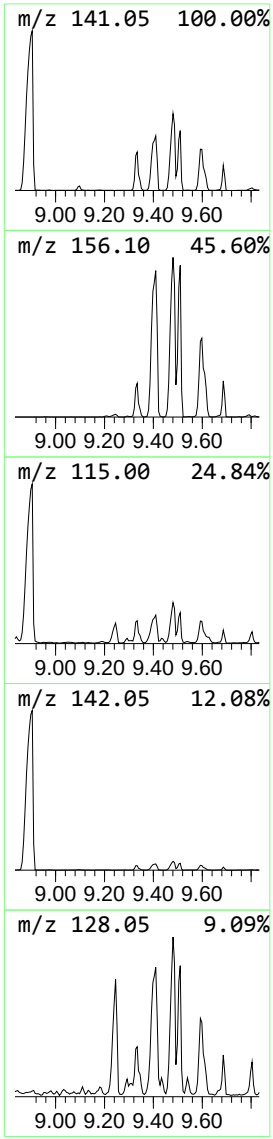
Peak Number 10 Naphthalene, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.333	13.12 ng	1776430	Acenaphthene-d10	9.816

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	94
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	64
4	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
5	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59





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Misc :
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SB-07(14-15)

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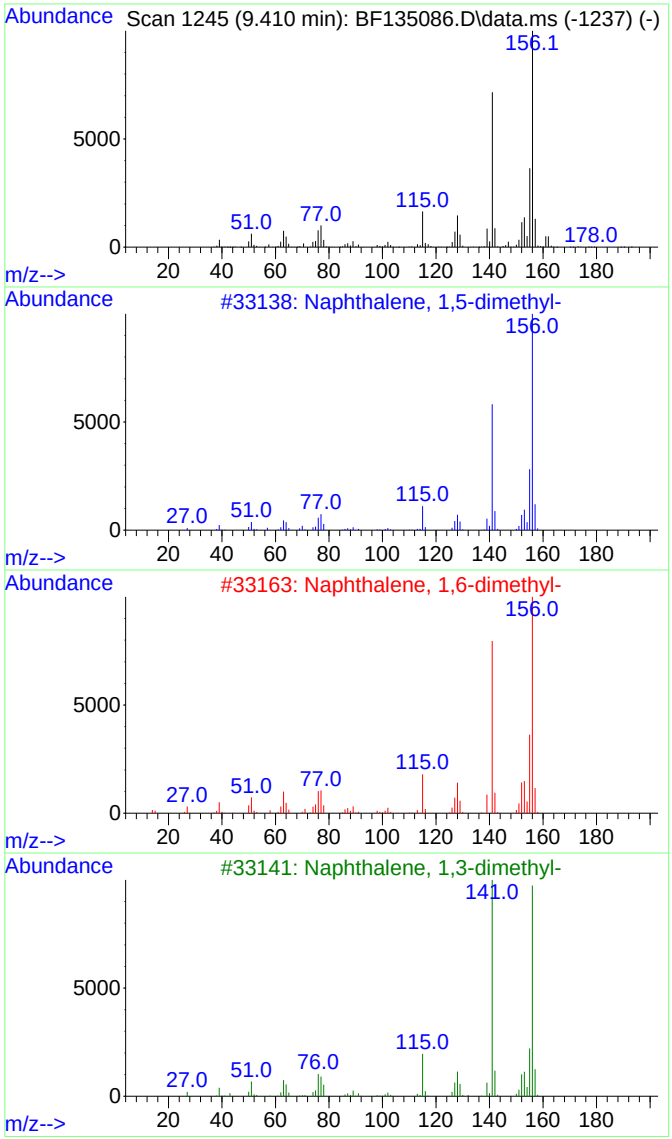
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

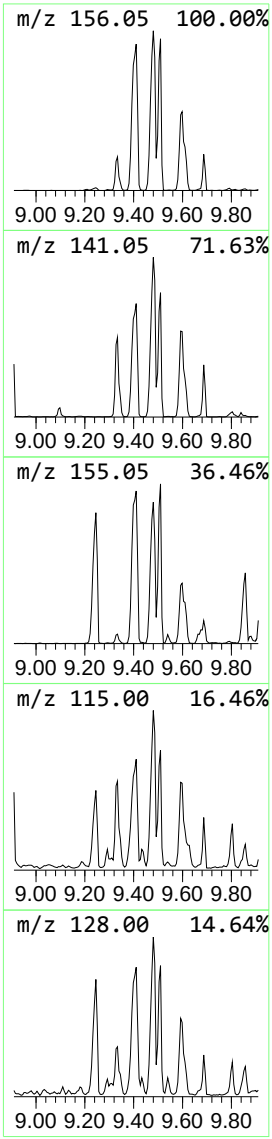
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	45.89 ng	6212570	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Sample : 04189-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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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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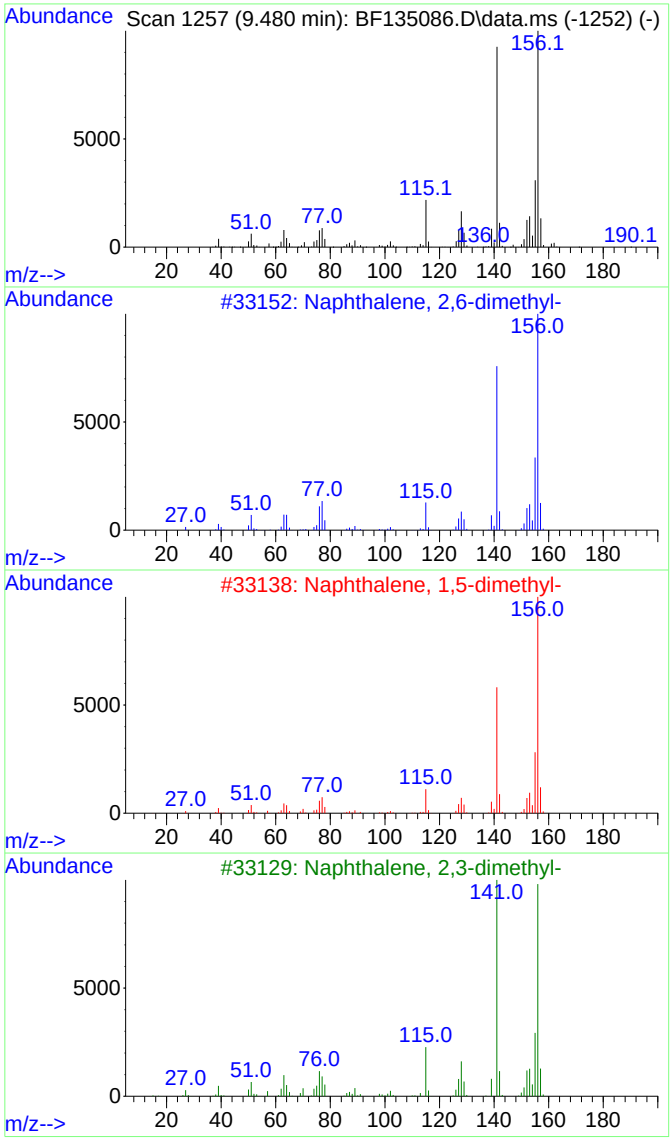
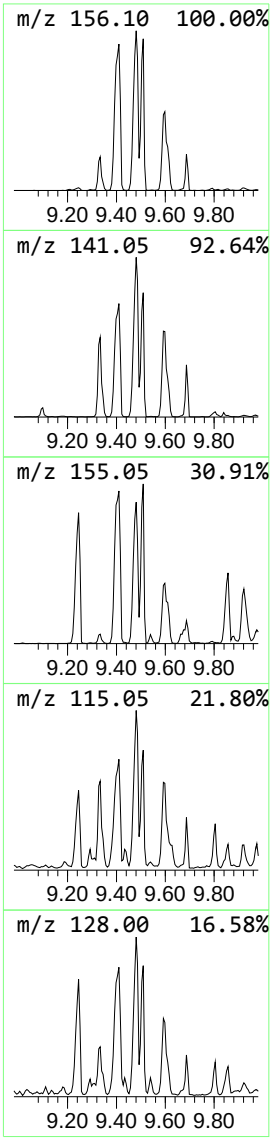
Peak Number 12 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.480	41.41 ng	5605260	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-07(14-15)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

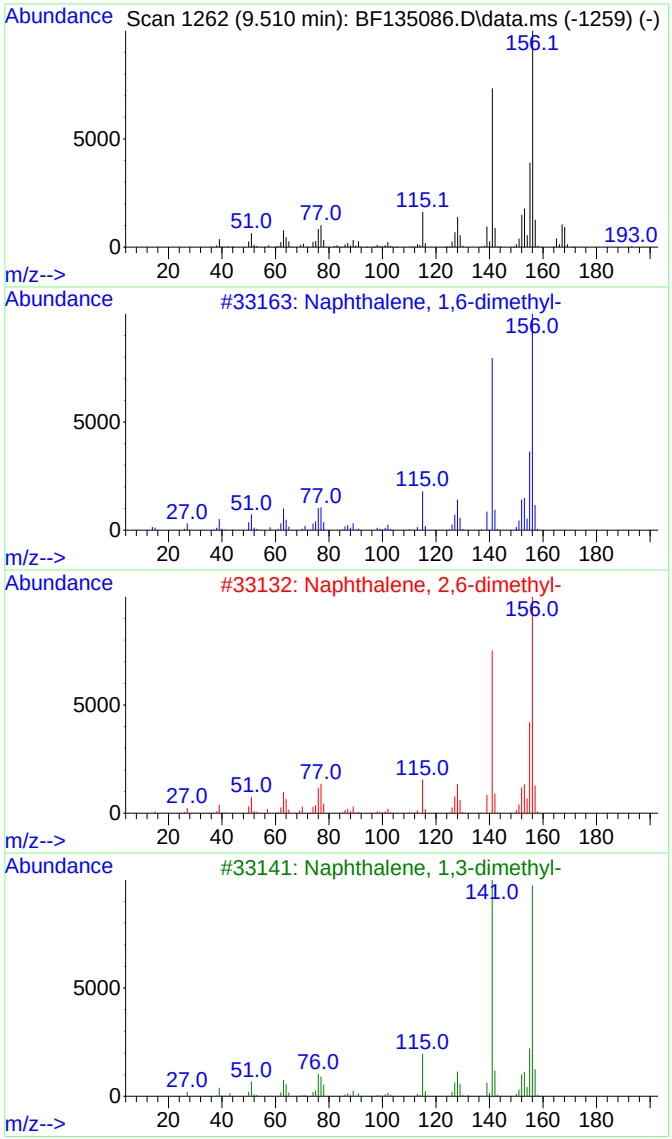
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

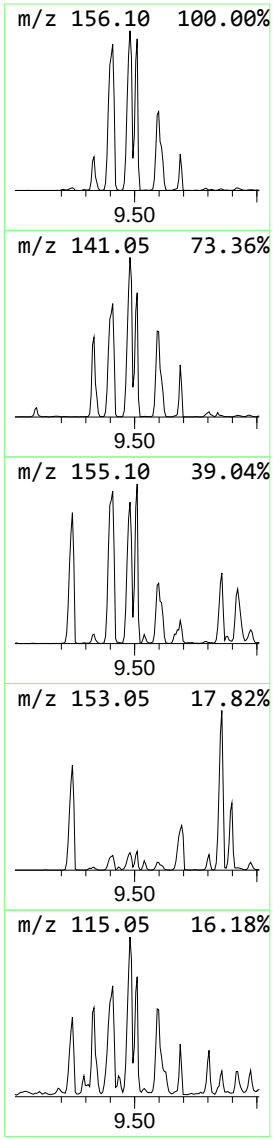
****

Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	26.46 ng	3581850	Acenaphthene-d10	9.816

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





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Misc :
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Instrument :
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ClientSampleId :
SB-07(14-15)

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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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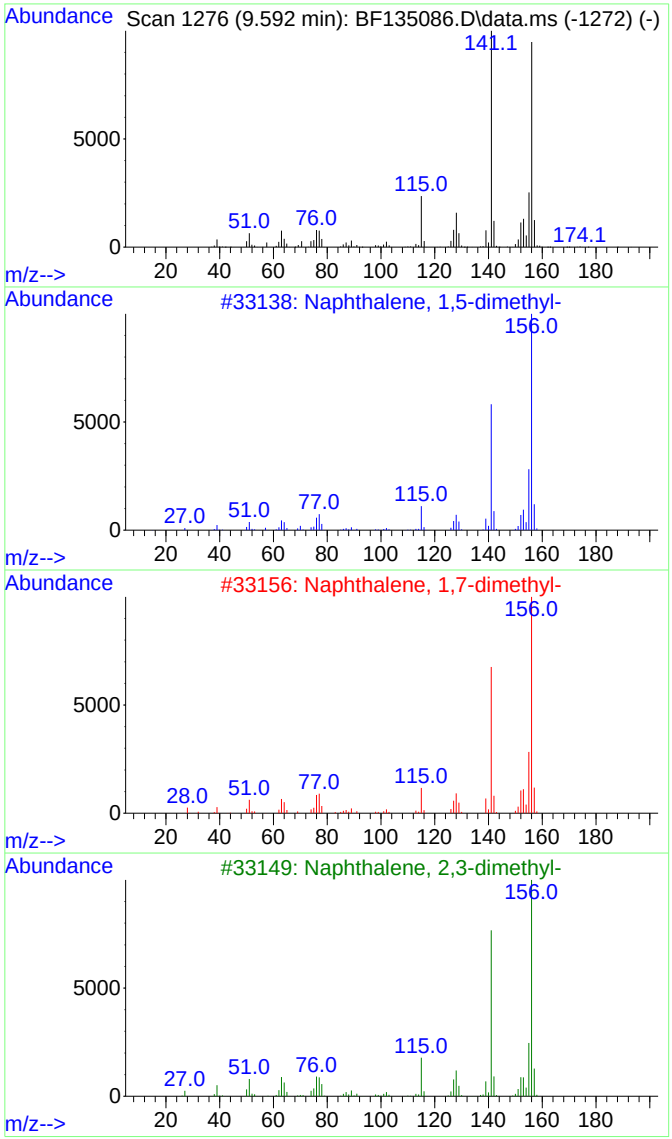
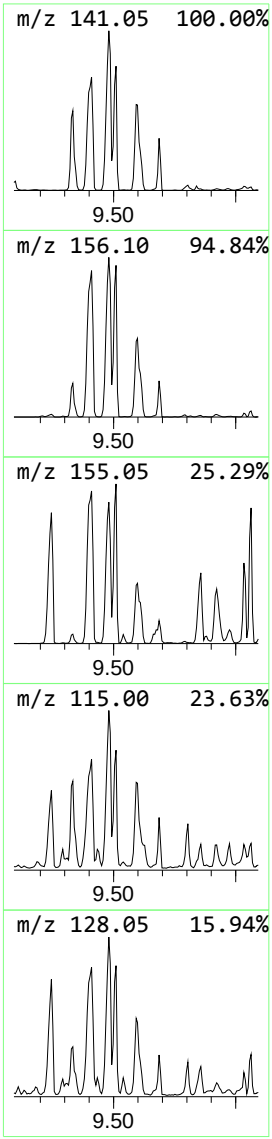
Peak Number 14 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	24.90 ng	3371110	Acenaphthene-d10	9.816

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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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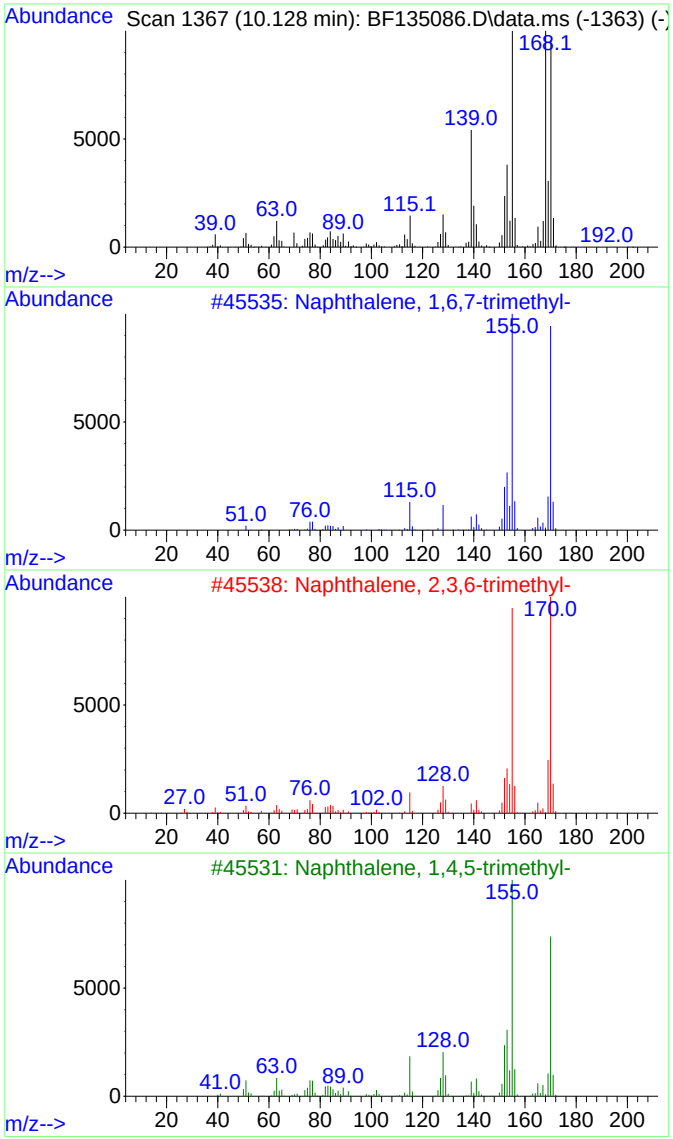
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

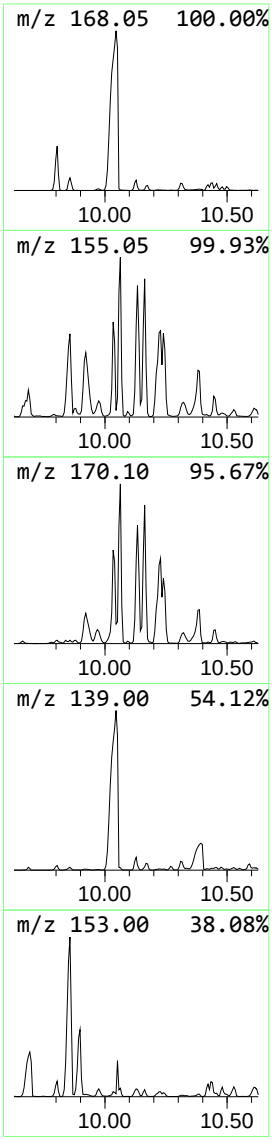
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.128	10.47 ng	1417900	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	60
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	60





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ALS Vial : 21 Sample Multiplier: 1

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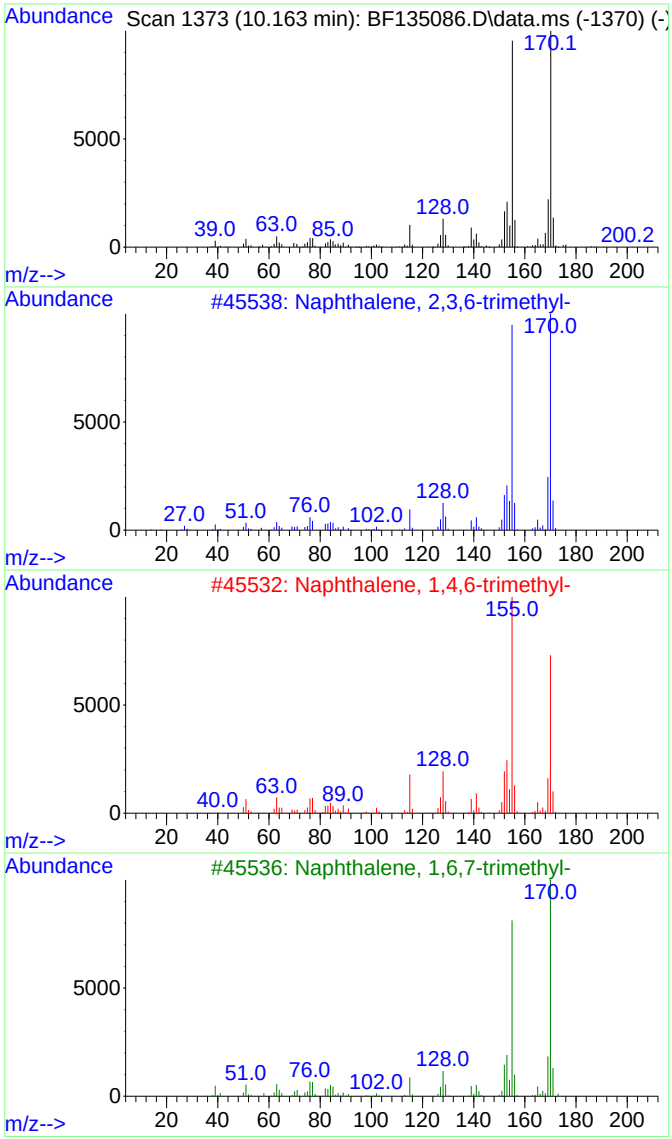
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

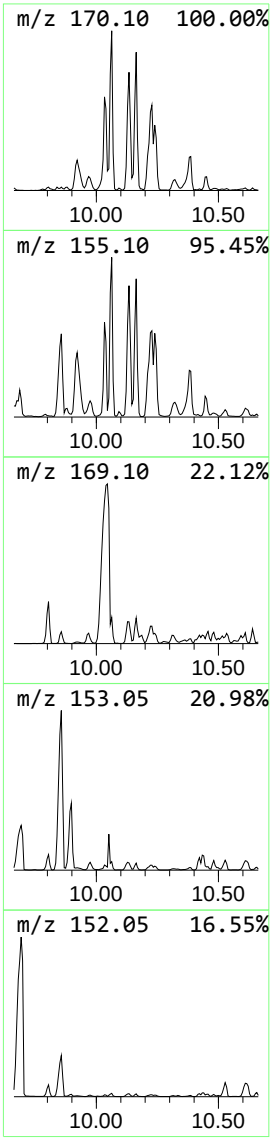
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.163	8.02 ng	1086020	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	87





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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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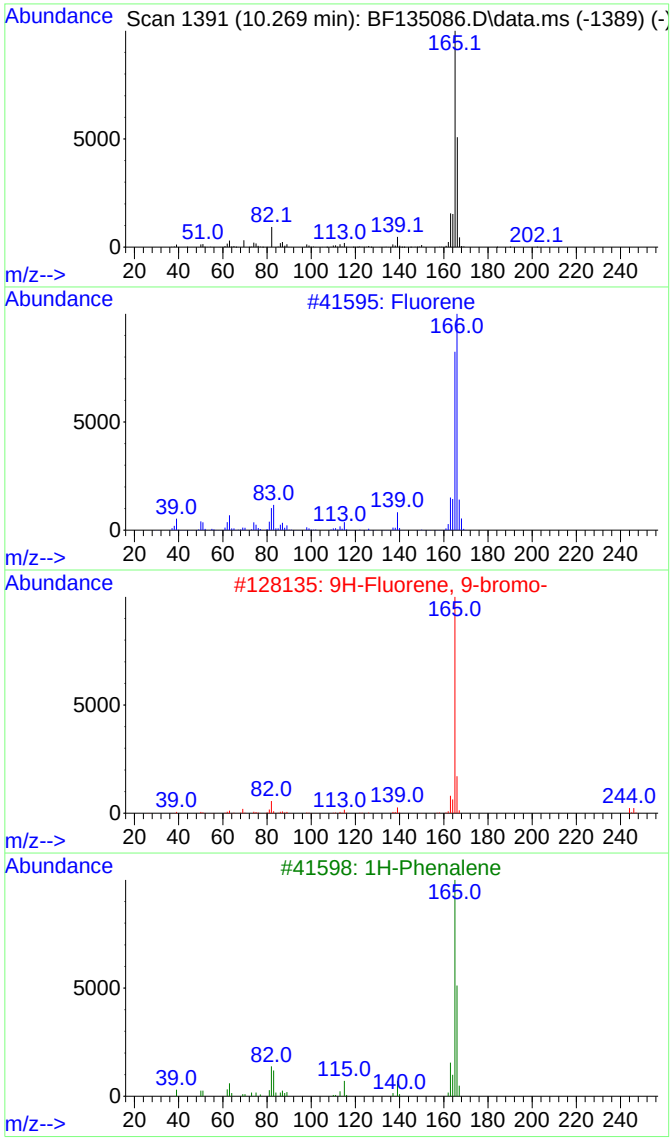
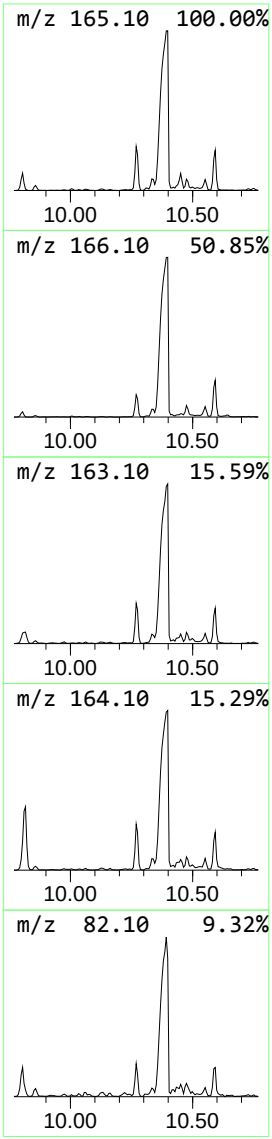
Peak Number 17 9H-Fluorene, 9-bromo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.269	7.97 ng	1078540	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	62
2	9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	53
3	1H-Phenalene	166	C13H10	000203-80-5	52
4	3-(2-Thienyl)isoxazol-5-amine	166	C7H6N2OS	035113-40-7	9
5	Fluorene, 9-benzenesulfonyl-	306	C19H14O2S	022010-78-2	8





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Acq On : 01 Sep 2023 20:21
Operator : CG\JU
Sample : 04189-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

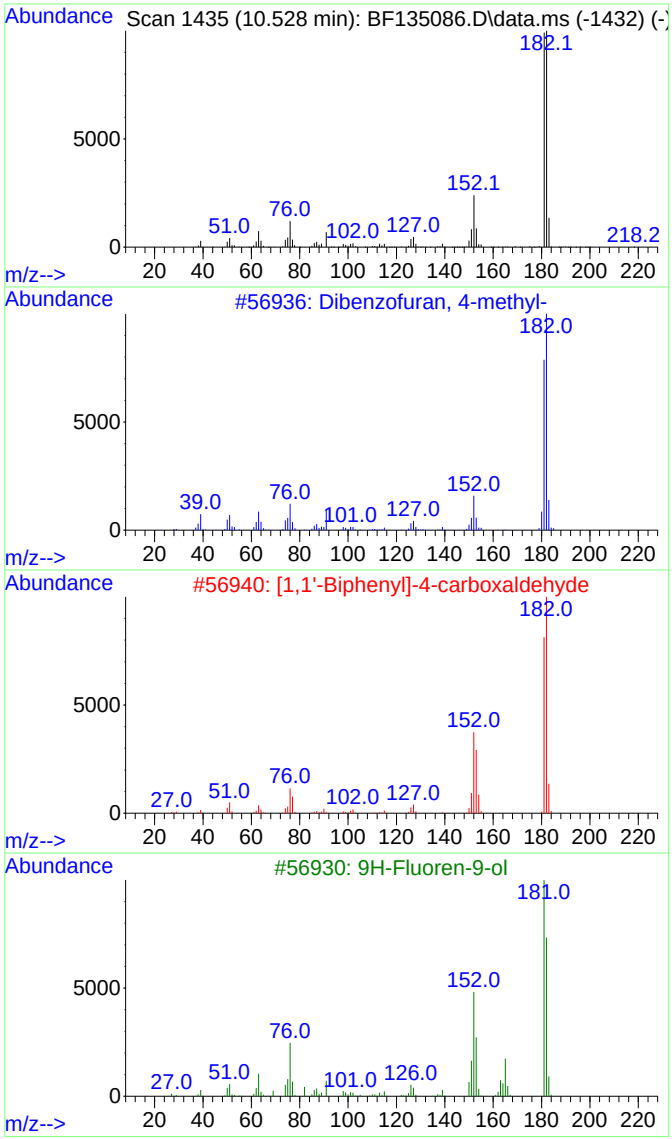
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

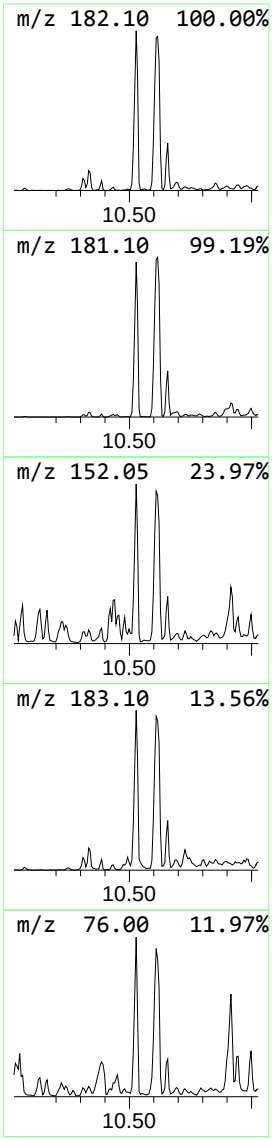
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Dibenzofuran, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.528	22.52 ng	3048090	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	89
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
4	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	81





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Data File : BF135086.D
Acq On : 01 Sep 2023 20:21
Operator : CG\JU
Sample : 04189-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

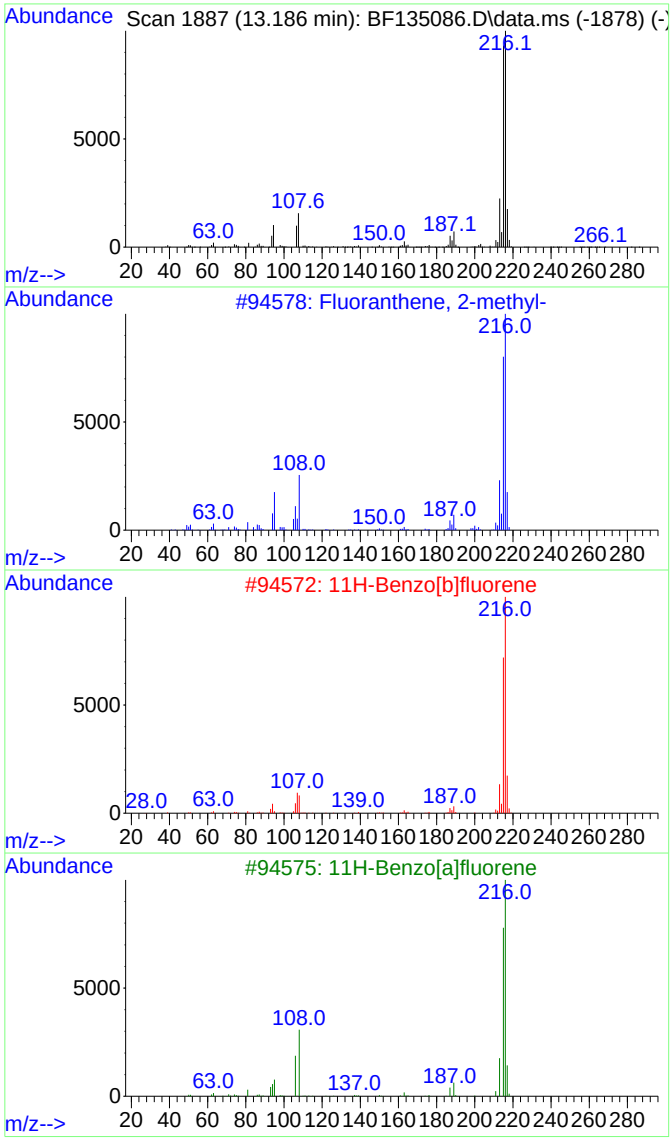
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

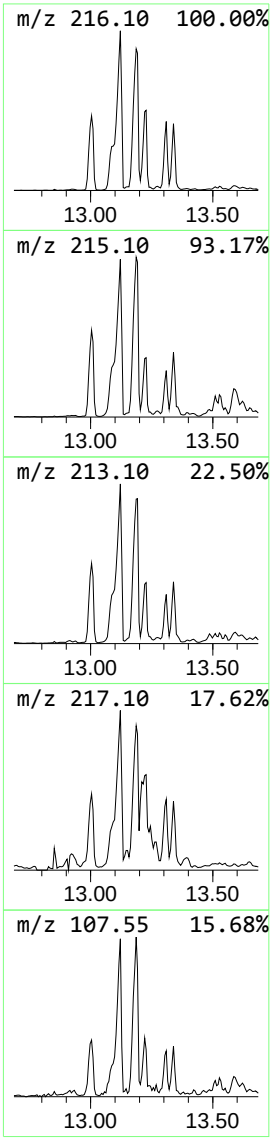
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.186	7.56 ng	6487040	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
Data File : BF135086.D
Acq On : 01 Sep 2023 20:21
Operator : CG\JU
Sample : 04189-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

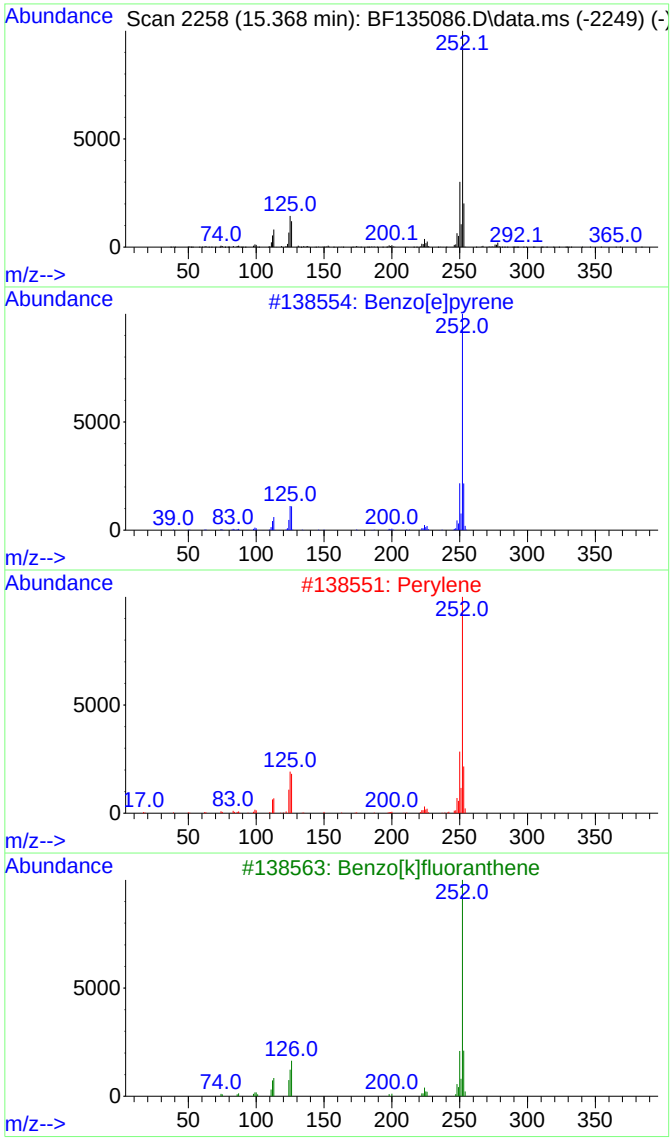
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

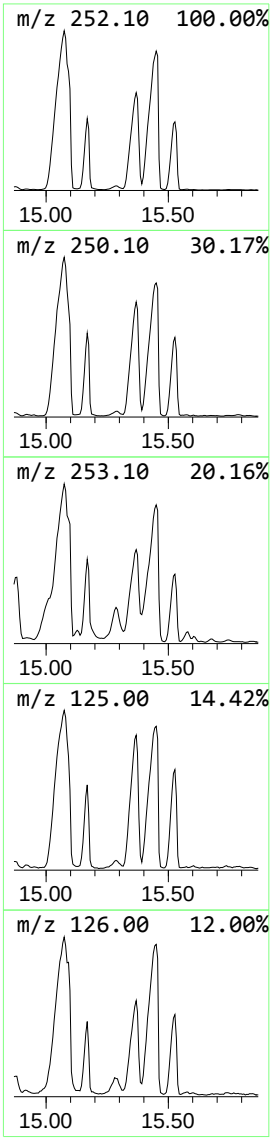
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.368	13.29 ng	7038430	Perylene-d12	15.486

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	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
Data File : BF135086.D
Acq On : 01 Sep 2023 20:21
Operator : CG\JU
Sample : 04189-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.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
Benzene, 1-ethy...	6.304	15.1	ng	1445430	1	6.775	1916160	20.0
Mesitylene	6.610	68.7	ng	6583410	1	6.775	1916160	20.0
Benzofuran	6.634	14.4	ng	1375730	1	6.775	1916160	20.0
Benzene, 1-ethy...	6.834	20.0	ng	1916160	1	6.775	1916160	20.0
Bicyclo[4.2.0]o...	6.875	13.9	ng	1328270	1	6.775	1916160	20.0
Indane	6.957	25.8	ng	2467360	1	6.775	1916160	20.0
Indene	7.051	124.4	ng	11917100	1	6.775	1916160	20.0
Benzofuran, 2-m...	7.422	23.6	ng	2264050	1	6.775	1916160	20.0
Naphthalene, 2-...	9.333	13.1	ng	1776430	3	9.816	2707400	20.0
Naphthalene, 1,...	9.410	45.9	ng	6212570	3	9.816	2707400	20.0
Naphthalene, 2,...	9.480	41.4	ng	5605260	3	9.816	2707400	20.0
Naphthalene, 1,...	9.510	26.5	ng	3581850	3	9.816	2707400	20.0
Naphthalene, 1,...	9.592	24.9	ng	3371110	3	9.816	2707400	20.0
Naphthalene, 1,...	10.128	10.5	ng	1417900	3	9.816	2707400	20.0
Naphthalene, 2,...	10.163	8.0	ng	1086020	3	9.816	2707400	20.0
9H-Fluorene, 9-...	10.269	8.0	ng	1078540	3	9.816	2707400	20.0
Dibenzofuran, 4...	10.528	22.5	ng	3048090	3	9.816	2707400	20.0
Fluoranthene, 2...	13.186	7.6	ng	6487040	5	14.015	17167500	20.0
Benzo[e]pyrene	15.368	13.3	ng	7038430	6	15.486	10589700	20.0