LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142034.D
Acq On : 21 Mar 2025 17:21
Operator : RC/JU
Sample : Q1619-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142034.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	9	21	rVB	793625	1276093	6.47%	0.680%
2	5.087	500	509	520	rBV	385701	577236	2.93%	0.308%
3	5.487	571	577	596	rBV	1567370	2083247	10.57%	1.111%
4	6.493	742	748	767	rBV	1828503	2482182	12.59%	1.323%
5	6.875	808	813	818	rBV	674683	848722	4.31%	0.452%
6	7.434	899	908	918	rBV	1195311	1613041	8.18%	0.860%
7	8.157	1025	1031	1032	rBV	867787	1149026	5.83%	0.613%
8	8.175	1032	1034	1040	rVB	1216460	1390138	7.05%	0.741%
9	8.869	1146	1152	1157	rBV	471403	620472	3.15%	0.331%
10	8.963	1164	1168	1179	rVB	313422	402076	2.04%	0.214%
11	9.228	1204	1213	1218	rBV	2635046	3255745	16.52%	1.736%
12	9.328	1222	1230	1236	rBV	253425	328664	1.67%	0.175%
13	9.492	1252	1258	1265	rBV	166168	258867	1.31%	0.138%
14	9.563	1265	1270	1273	rVV	189362	273295	1.39%	0.146%
15	9.910	1319	1329	1331	rBV2	887974	1286013	6.52%	0.686%
16	9.945	1331	1335	1339	rVB	2407043	3016616	15.31%	1.608%
17	10.116	1359	1364	1368	rBV	1647691	2121937	10.77%	1.131%
18	10.457	1417	1422	1427	rBV	2190962	2748219	13.94%	1.465%
19	10.522	1427	1433	1434	rVV2	172591	304147	1.54%	0.162%
20	10.539	1434	1436	1440	rVV	252447	357729	1.82%	0.191%
21	10.616	1441	1449	1454	rVV3	562448	1015295	5.15%	0.541%
22	10.692	1454	1462	1467	rVV	1224953	1734029	8.80%	0.924%
23	11.004	1507	1515	1518	rBV3	246435	540164	2.74%	0.288%
24	11.198	1544	1548	1552	rVB	509254	649420	3.29%	0.346%
25	11.257	1552	1558	1560	rVV2	294857	463794	2.35%	0.247%
26	11.292	1560	1564	1570	rVB	941112	1208213	6.13%	0.644%
27	11.439	1577	1589	1593	rBV	10656565	19709381	100.00%	10.508%
28	11.481	1593	1596	1605	rVB	3887565	5066034	25.70%	2.701%
29	11.628	1614	1621	1628	rBV	1477160	2139584	10.86%	1.141%
30	11.692	1628	1632	1635	rVV2	222045	286778	1.46%	0.153%
31	11.898	1662	1667	1669	rBV	855011	1142144	5.79%	0.609%
32	11.928	1669	1672	1676	rVV	1205610	1475425	7.49%	0.787%
33	11.975	1676	1680	1682	rVV	384327	463750	2.35%	0.247%
34	12.016	1682	1687	1694	rVB2	1656824	2825948	14.34%	1.507%
35	12.192	1712	1717	1719	rBV	734348	936945	4.75%	0.500%
36	12.222	1719	1722	1726	rVB	810157	998711	5.07%	0.532%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142034.D
Acq On : 21 Mar 2025 17:21
Operator : RC/JU
Sample : Q1619-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.445	1755	1760	1764	rBV	198559	344718	1.75%	0.184%
38	12.486	1764	1767	1772	rVV2	140370	223639	1.13%	0.119%
39	12.539	1772	1776	1781	rVV	335996	439607	2.23%	0.234%
40	12.628	1783	1791	1796	rBV	10003684	16630232	84.38%	8.866%
41	12.675	1796	1799	1802	rVB	167831	211410	1.07%	0.113%
42	12.763	1807	1814	1822	rVB2	465726	878733	4.46%	0.468%
43	12.857	1822	1830	1834	rBV	8755638	16753631	85.00%	8.932%
44	12.886	1834	1835	1841	rVB	419091	381294	1.93%	0.203%
45	12.980	1842	1851	1858	rBV3	2019458	3987936	20.23%	2.126%
46	13.057	1858	1864	1867	rBV3	617297	1166678	5.92%	0.622%
47	13.086	1867	1869	1873	rVB	292031	302179	1.53%	0.161%
48	13.169	1873	1883	1887	rBV	1308430	2435631	12.36%	1.299%
49	13.233	1890	1894	1897	rBV	990473	1253399	6.36%	0.668%
50	13.269	1897	1900	1903	rBV2	503814	616261	3.13%	0.329%
51	13.327	1908	1910	1913	rVV	181595	215319	1.09%	0.115%
52	13.363	1913	1916	1918	rVV	374972	465580	2.36%	0.248%
53	13.392	1918	1921	1930	rVV3	454861	812696	4.12%	0.433%
54	13.569	1943	1951	1952	rBV4	225562	469664	2.38%	0.250%
55	13.592	1952	1955	1961	rVV2	280996	523663	2.66%	0.279%
56	13.674	1961	1969	1974	rVB	596207	1005208	5.10%	0.536%
57	13.786	1982	1988	1990	rBV2	963984	1384501	7.02%	0.738%
58	13.816	1990	1993	1995	rVV	840709	1187956	6.03%	0.633%
59	13.845	1995	1998	2002	rVV2	1006194	1768414	8.97%	0.943%
60	13.880	2002	2004	2011	rVB	798278	1040353	5.28%	0.555%
61	13.951	2011	2016	2021	rBV	286108	505208	2.56%	0.269%
62	14.039	2022	2031	2034	rBV2	5866011	11017769	55.90%	5.874%
63	14.074	2034	2037	2043	rVB	4973934	6890439	34.96%	3.674%
64	14.151	2044	2050	2053	rBV	1105905	1510248	7.66%	0.805%
65	14.227	2059	2063	2065	rBV	407862	504116	2.56%	0.269%
66	14.257	2065	2068	2072	rVB2	617418	866697	4.40%	0.462%
67	14.357	2081	2085	2087	rBV3	174481	248835	1.26%	0.133%
68	14.386	2087	2090	2092	rVV	234731	344966	1.75%	0.184%
69	14.422	2092	2096	2099	rVV	807925	1254809	6.37%	0.669%
70	14.457	2099	2102	2106	rVV2	438846	628855	3.19%	0.335%
71	14.516	2106	2112	2115	rVV3	506881	1025195	5.20%	0.547%
72	14.551	2115	2118	2119	rVV	554771	709651	3.60%	0.378%
73	14.569	2119	2121	2125	rVV3	743505	914120	4.64%	0.487%
74	14.616	2125	2129	2135	rVB4	337208	625798	3.18%	0.334%
75	14.733	2144	2149	2158	rBV4	450659	975206	4.95%	0.520%
76	14.916	2173	2180	2188	rBV2	407867	850356	4.31%	0.453%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
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Acq On : 21 Mar 2025 17:21
Operator : RC/JU
Sample : Q1619-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

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-BF031025.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.098	2203	2211	2219	rBV	4982172	13241790	67.19%	7.060%
78	15.198	2224	2228	2232	rVB	756105	1045549	5.30%	0.557%
79	15.286	2238	2243	2244	rBV3	262904	401797	2.04%	0.214%
80	15.398	2256	2262	2268	rVV	2567574	4552126	23.10%	2.427%
81	15.468	2268	2274	2279	rVV	3871086	6319448	32.06%	3.369%
82	15.521	2279	2283	2285	rVV	566659	880726	4.47%	0.470%
83	15.557	2285	2289	2295	rVB	1315710	2108565	10.70%	1.124%
84	15.880	2341	2344	2350	rVB3	129215	220070	1.12%	0.117%
85	16.080	2374	2378	2388	rVB2	244377	488210	2.48%	0.260%
86	16.815	2494	2503	2521	rBV3	252387	1095252	5.56%	0.584%
87	17.010	2528	2536	2543	rVB2	1251784	2807354	14.24%	1.497%
88	17.080	2544	2548	2556	rVB2	101712	225778	1.15%	0.120%
89	17.180	2558	2565	2570	rBV	249131	561135	2.85%	0.299%
90	17.239	2570	2575	2581	rBV2	141460	277391	1.41%	0.148%
91	17.462	2603	2613	2627	rBV	885869	2219721	11.26%	1.183%
92	17.692	2645	2652	2667	rVB2	254251	703247	3.57%	0.375%

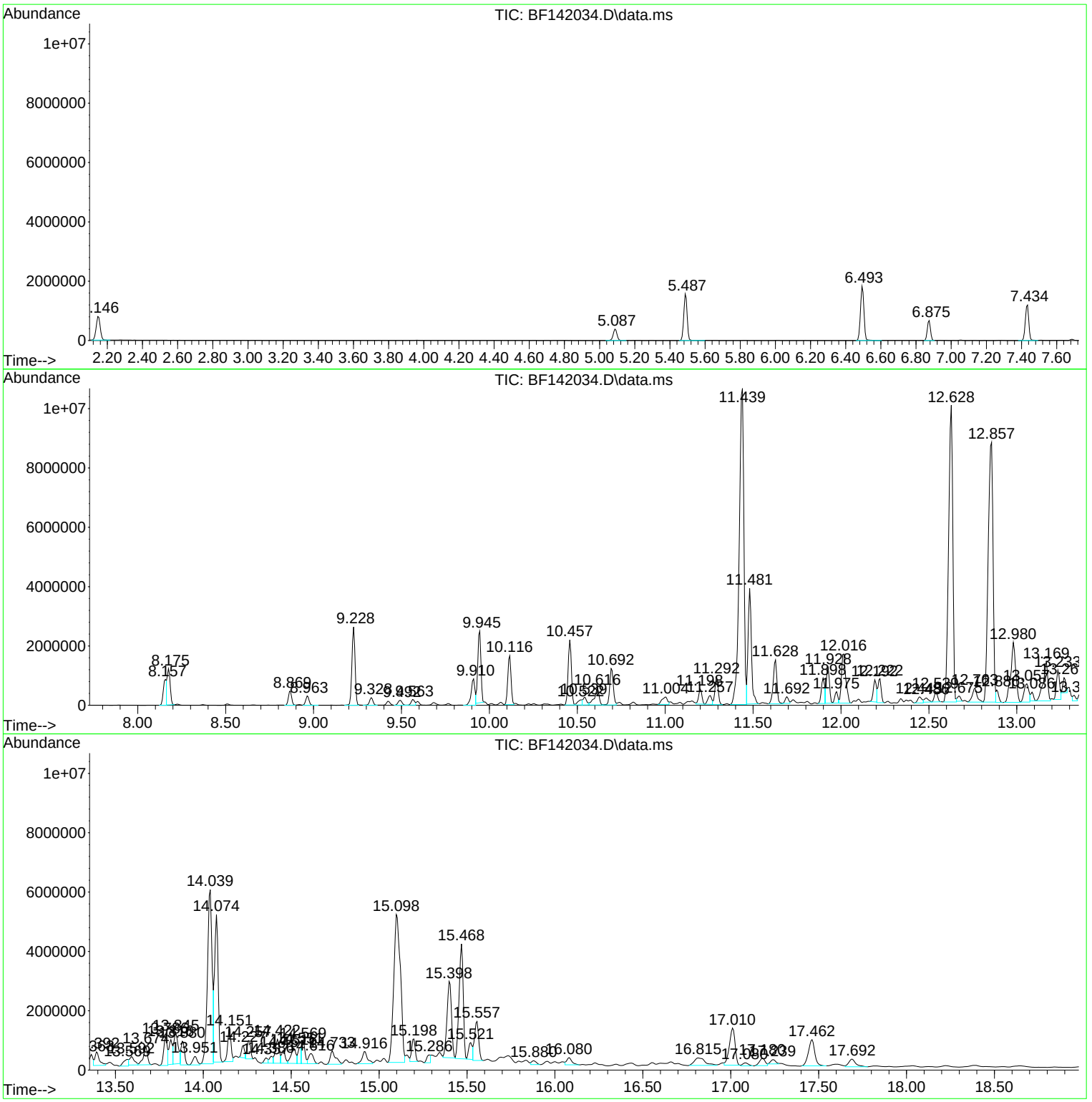
Sum of corrected areas: 187568209

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142034.D
Acq On : 21 Mar 2025 17:21
Operator : RC/JU
Sample : Q1619-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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\BF032125\
Data File : BF142034.D
Acq On : 21 Mar 2025 17:21
Operator : RC/JU
Sample : Q1619-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

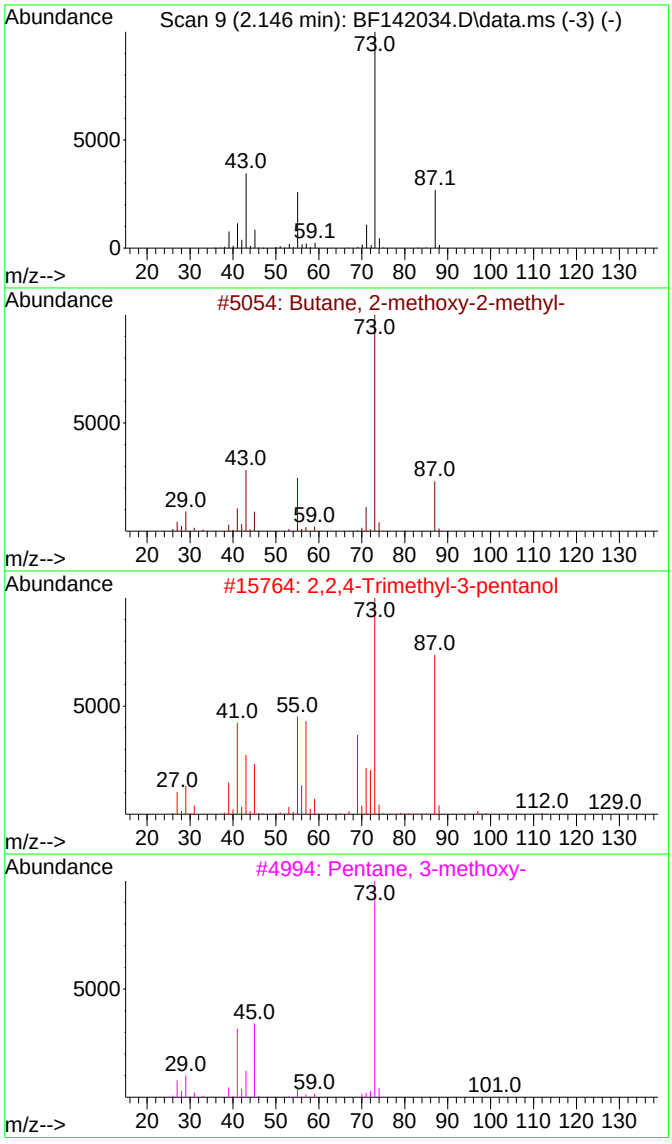
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

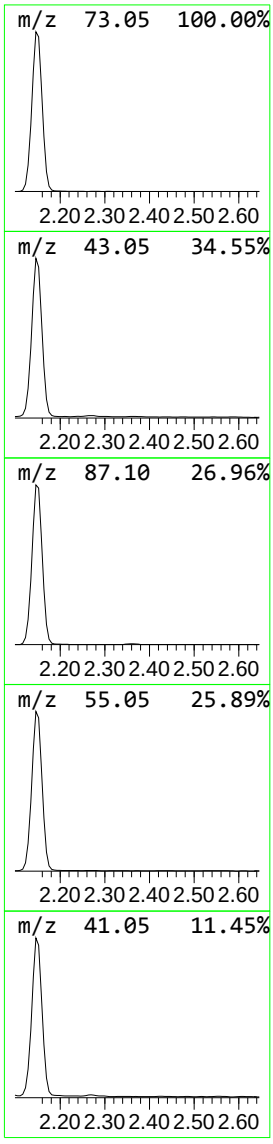
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	30.07 ng	1276090	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142034.D
Acq On : 21 Mar 2025 17:21
Operator : RC/JU
Sample : Q1619-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

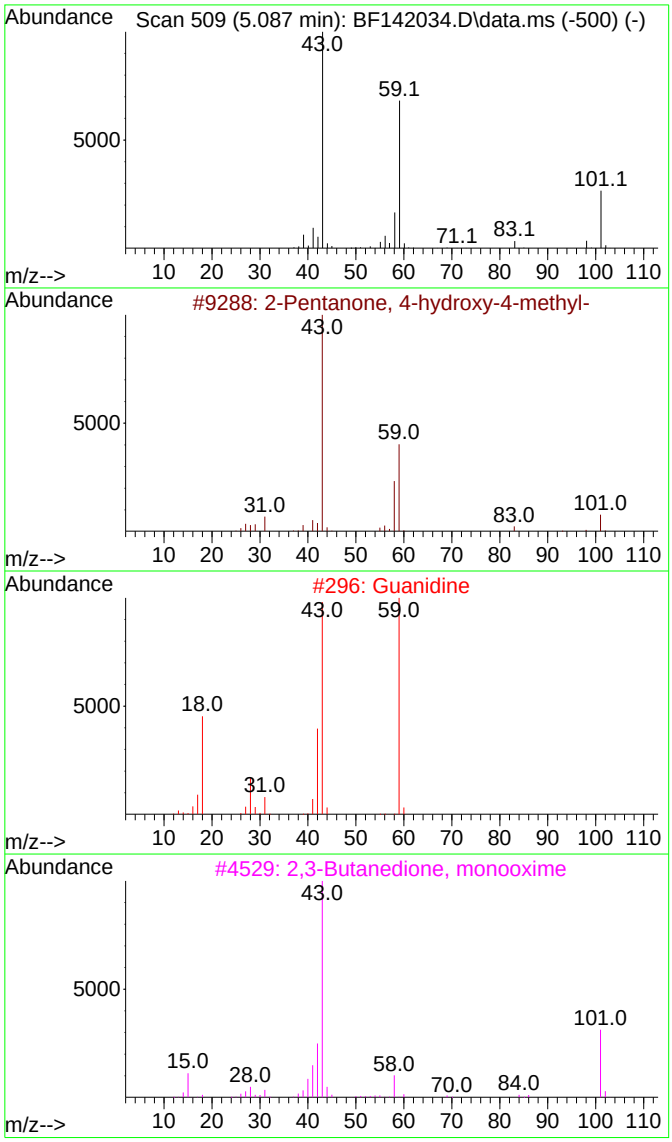
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

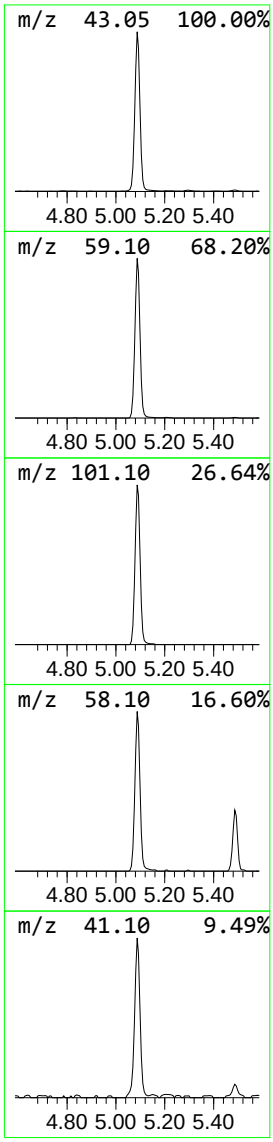
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	13.60 ng	577236	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Guanidine	59	CH5N3	000113-00-8	43
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142034.D
Acq On : 21 Mar 2025 17:21
Operator : RC/JU
Sample : Q1619-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

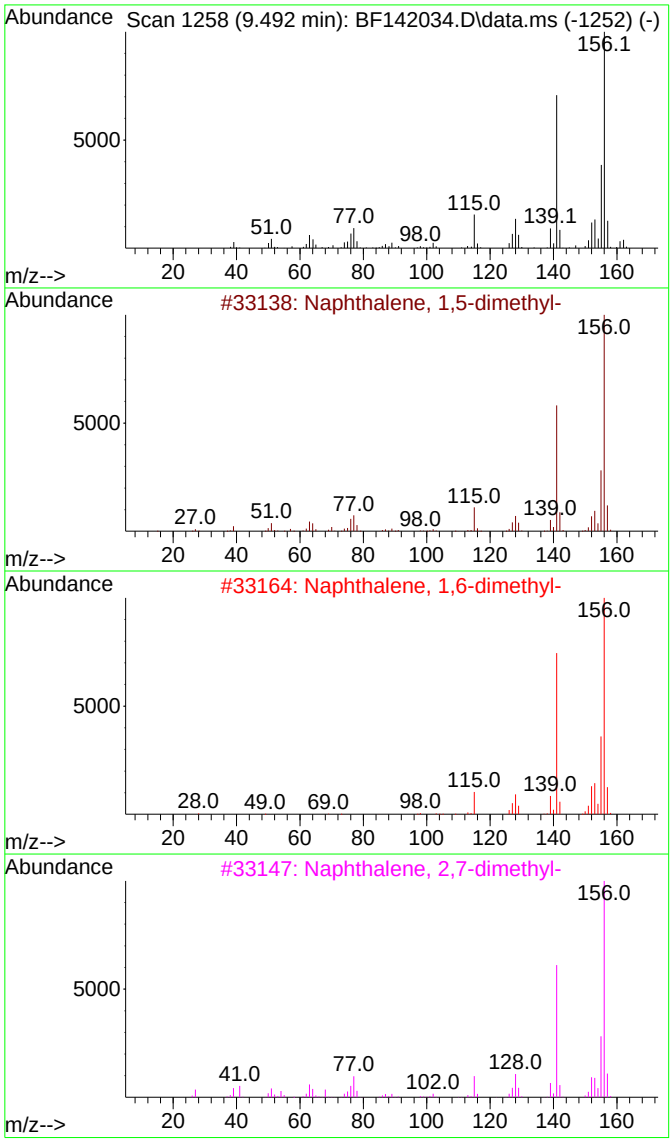
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

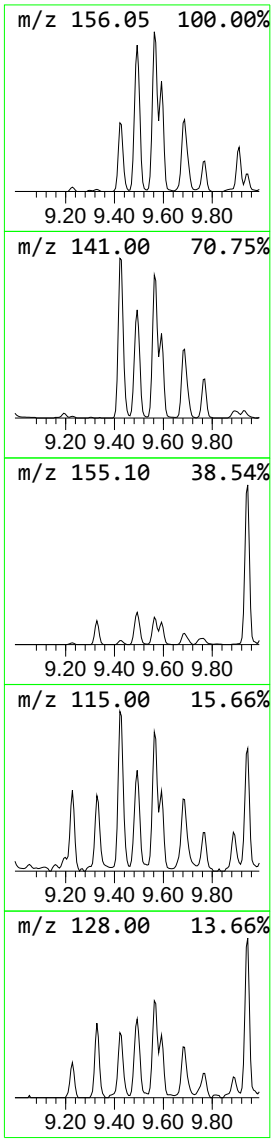
****

Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	4.03 ng	258867	Acenaphthene-d10	9.910

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	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142034.D
Acq On : 21 Mar 2025 17:21
Operator : RC/JU
Sample : Q1619-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

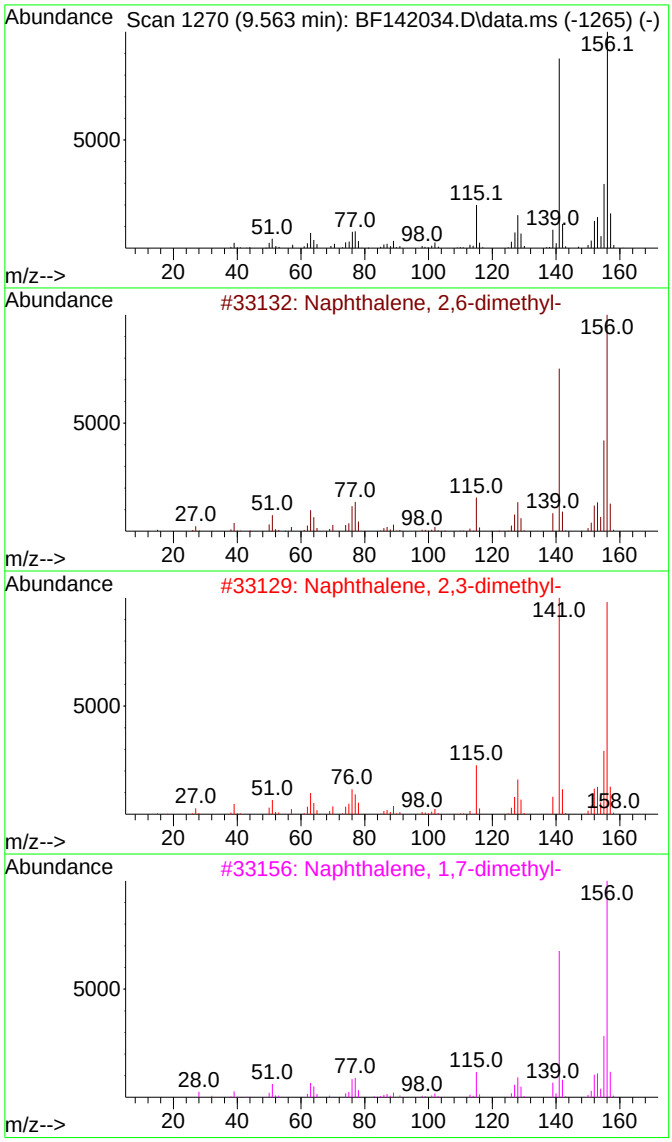
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

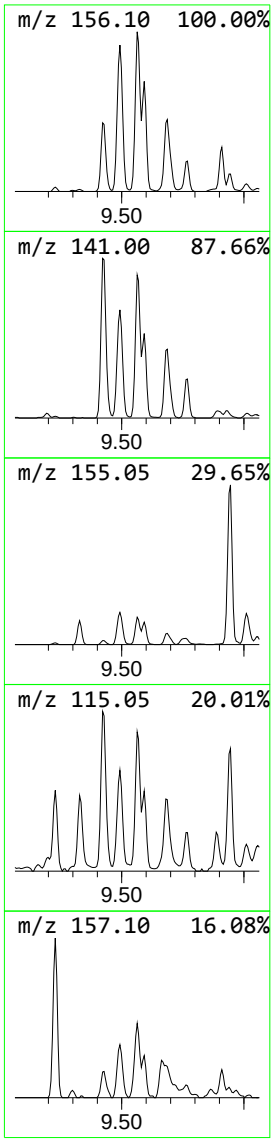
****

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	4.25 ng	273295	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142034.D
Acq On : 21 Mar 2025 17:21
Operator : RC/JU
Sample : Q1619-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

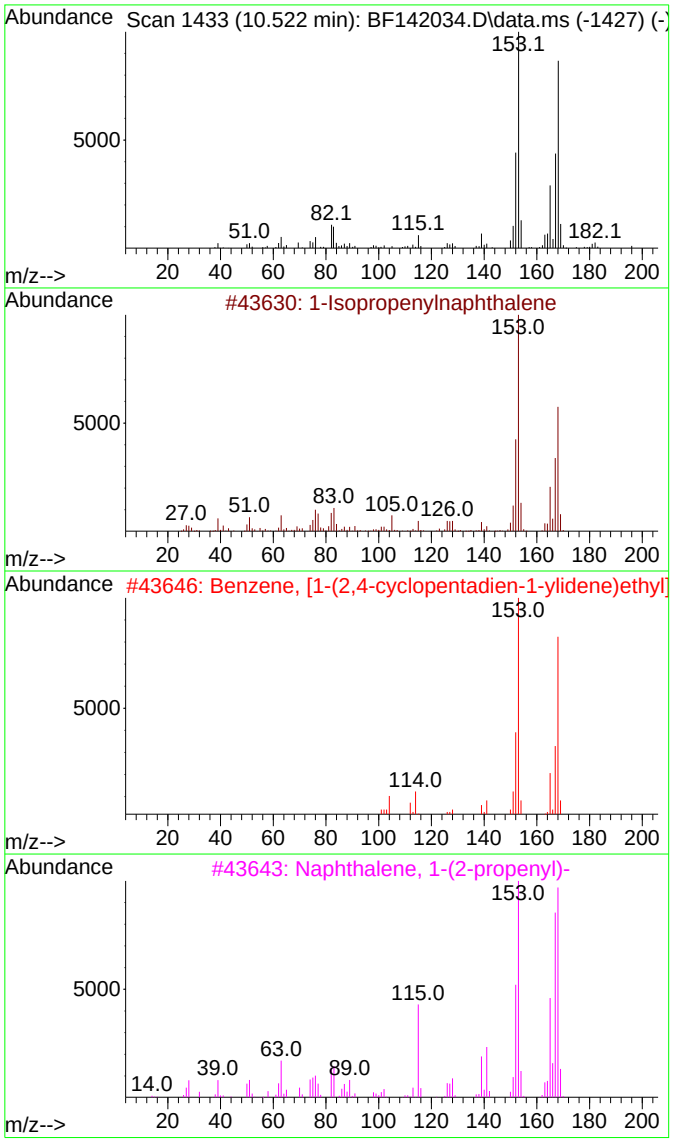
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

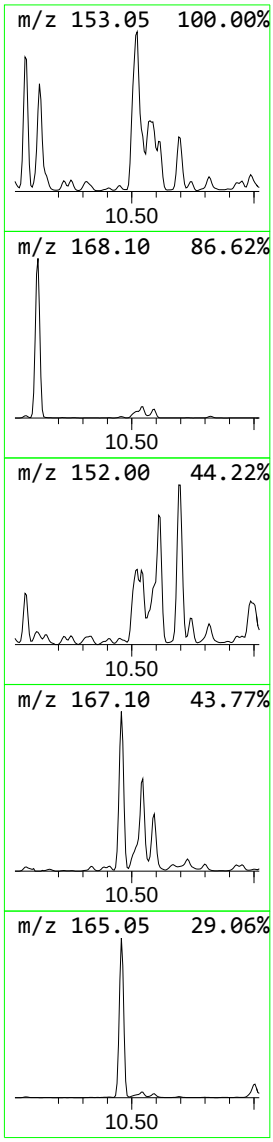
****

Peak Number 5 1-Isopropenylnaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.522	4.73 ng	304147	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	59
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53
5	4-Methylthio-2,6-xylenol	168	C9H12OS	007379-49-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142034.D
Acq On : 21 Mar 2025 17:21
Operator : RC/JU
Sample : Q1619-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
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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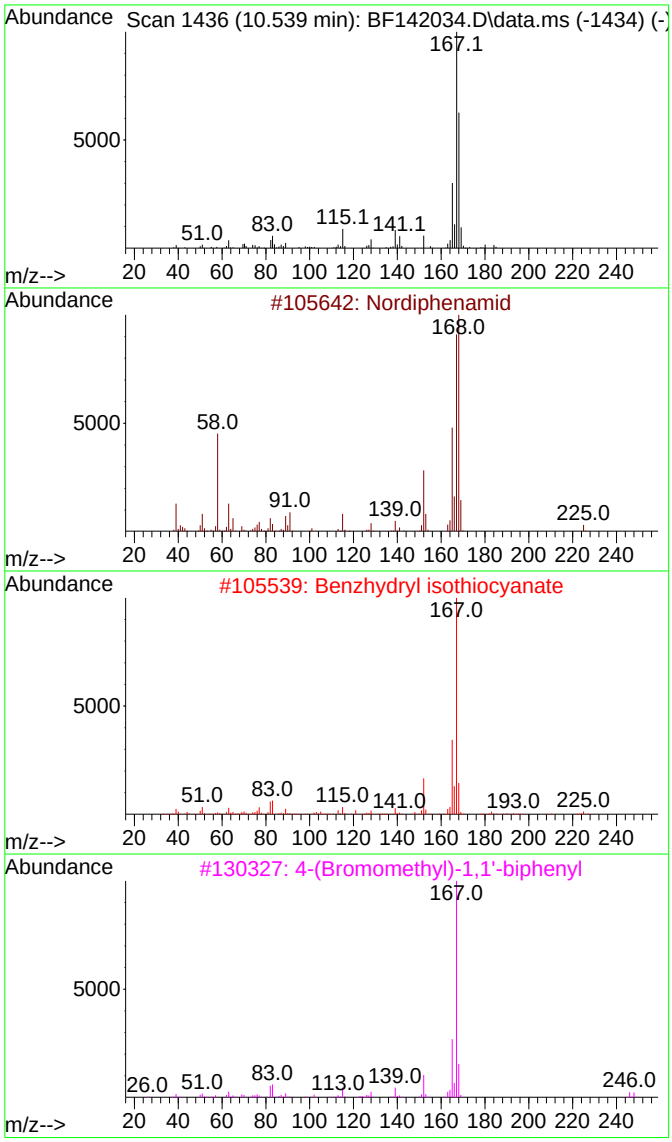
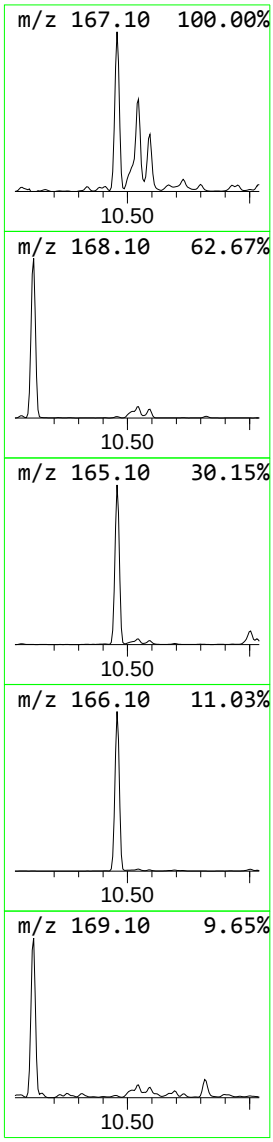
Peak Number 6 Nordiphenamid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	5.56 ng	357729	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nordiphenamid	225	C15H15NO	000954-21-2	53
2	Benzhydryl isothiocyanate	225	C14H11NS	003550-21-8	53
3	4-(Bromomethyl)-1,1'-biphenyl	246	C13H11Br	002567-29-5	53
4	Diphenylmethoxy acetic acid	242	C15H14O3	021409-25-6	53
5	Benzeneacetaldehyde, .alpha.-phe...	196	C14H12O	000947-91-1	53





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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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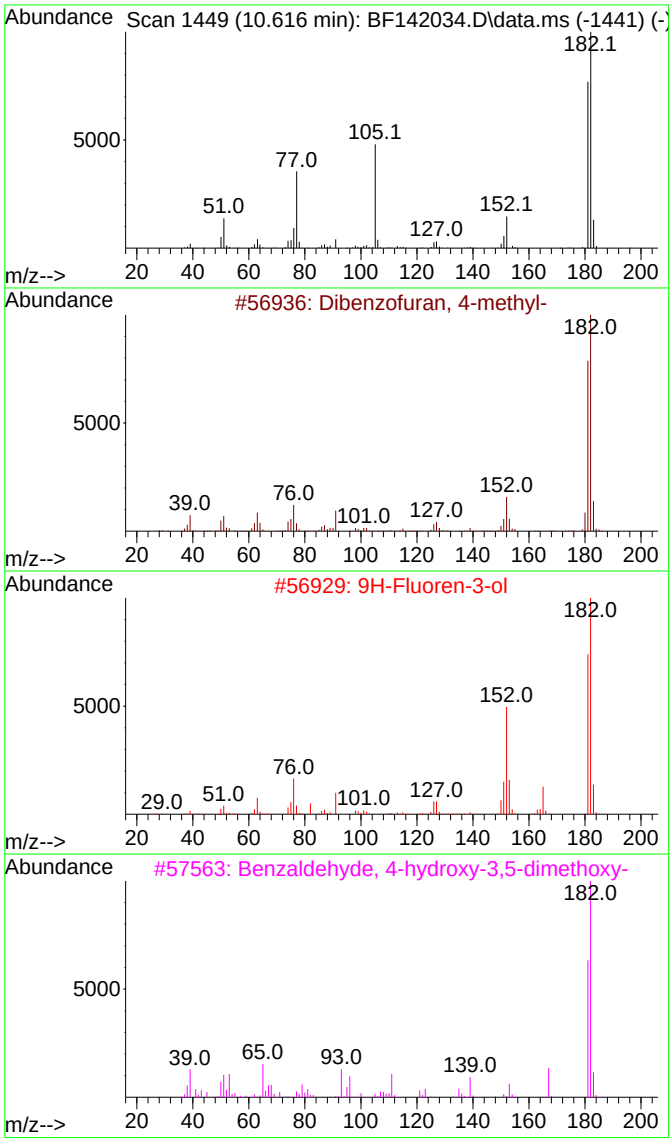
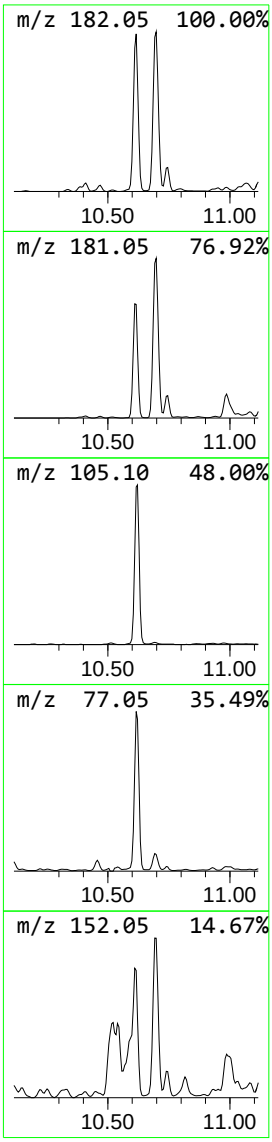
Peak Number 7 Dibenzofuran, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	15.79 ng	1015300	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	80
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	64
3	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	59
4	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	59
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	59





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

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

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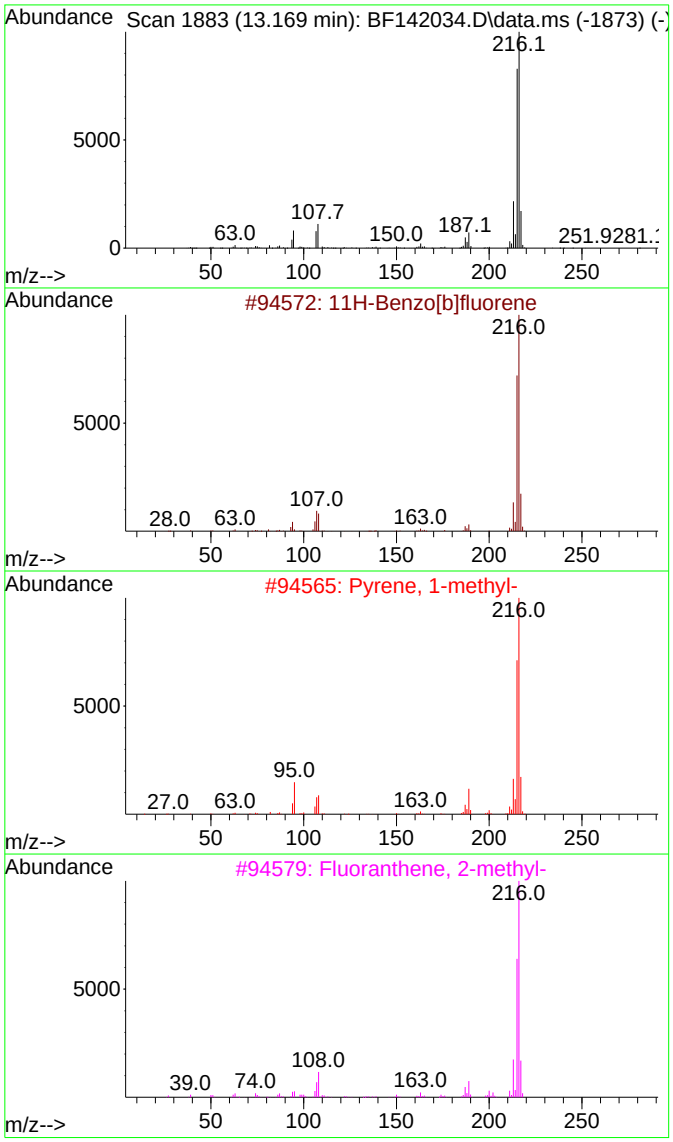
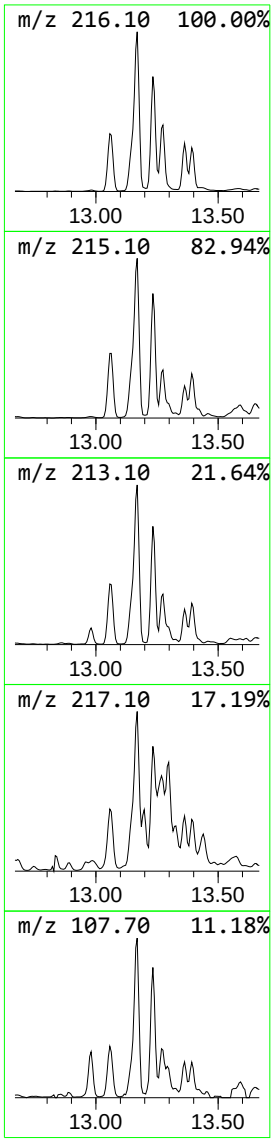
Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	4.42 ng	2435630	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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

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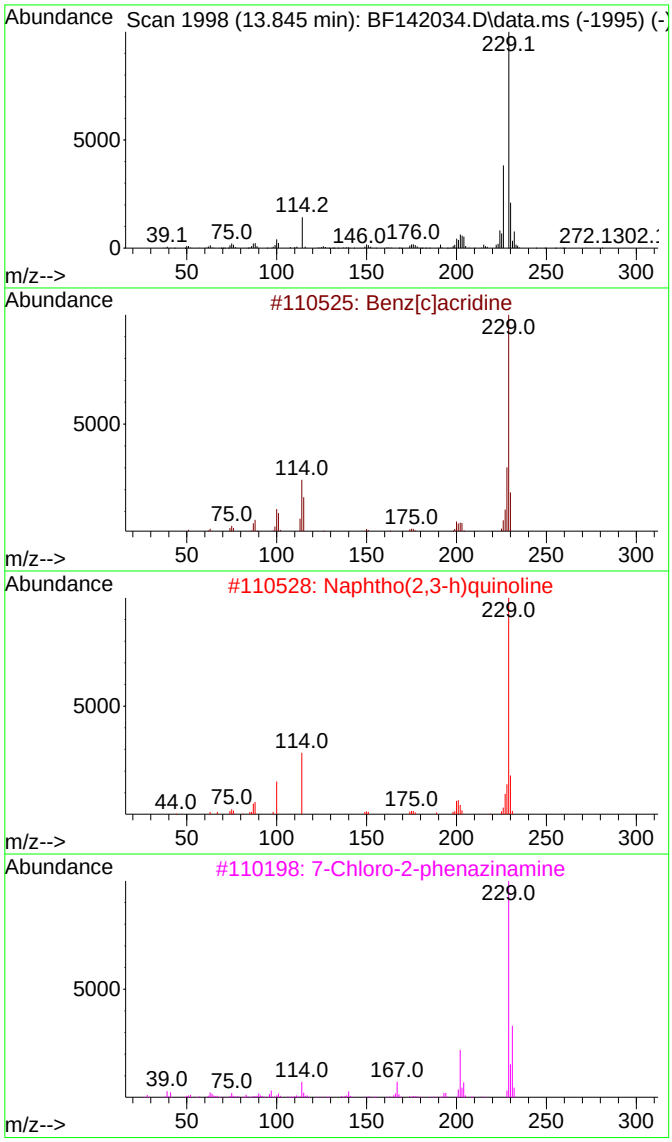
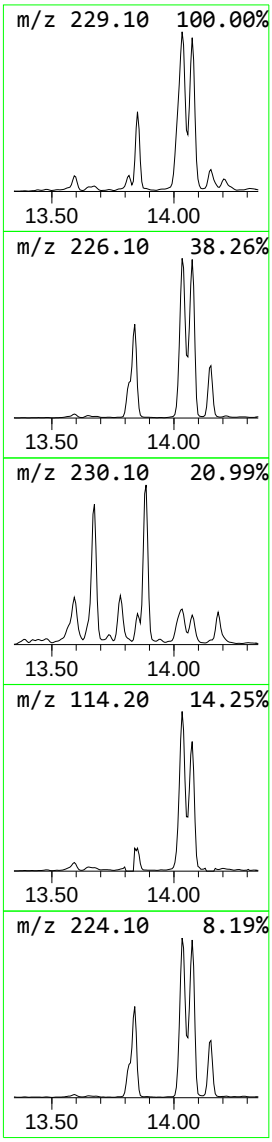
Peak Number 9 Benz[c]acridine Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	3.21 ng	1768410	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	64
2	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	58
3	7-Chloro-2-phenazinamine	229	C12H8ClN3	023677-11-4	52
4	2-(4-Chlorophenyl)-3H-imidazo[4,...	229	C12H8ClN3	075007-94-2	50
5	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	50





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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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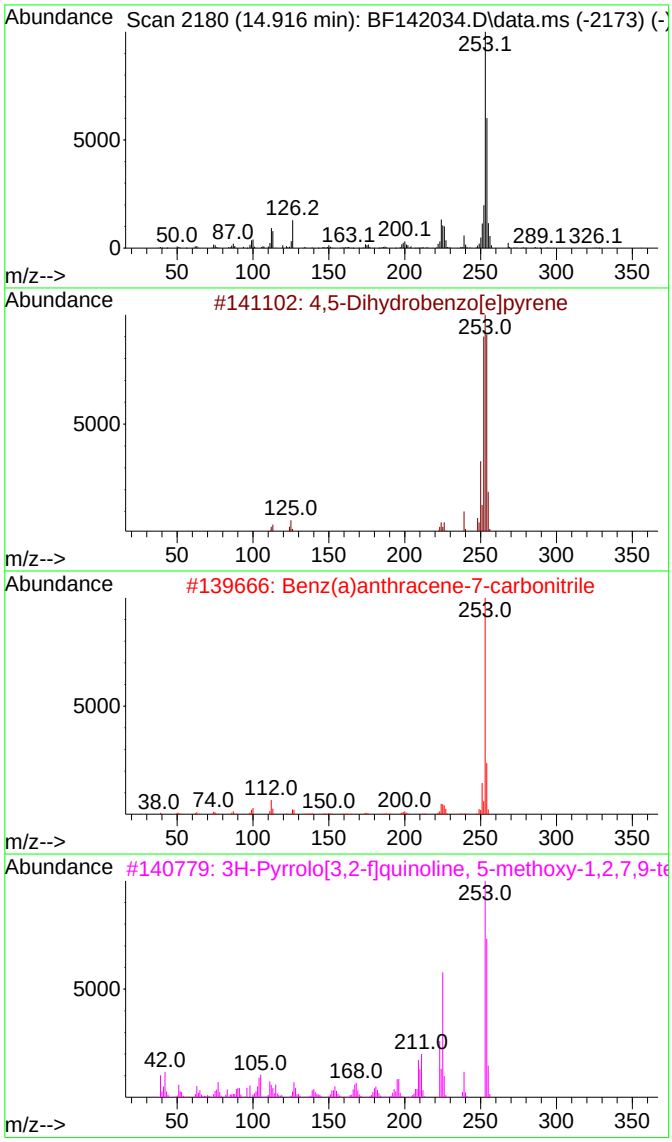
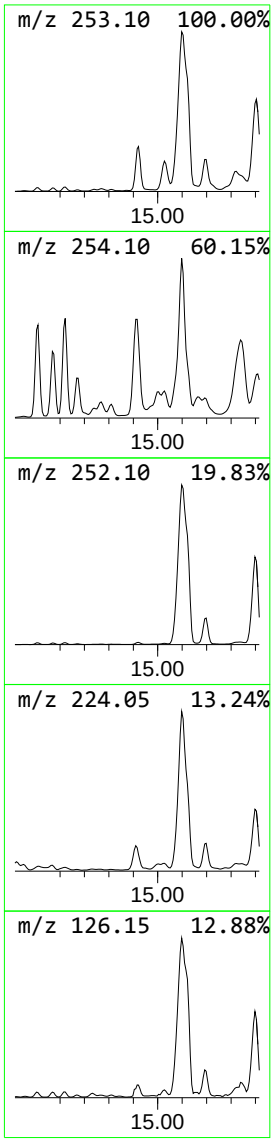
Peak Number 10 4,5-Dihydrobenzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.916	19.31 ng	850356	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	83
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	64
3	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	53
4	Ergoline-8-methanol, 8,9-didehyd...	254	C16H18N2O	000548-43-6	50
5	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	50





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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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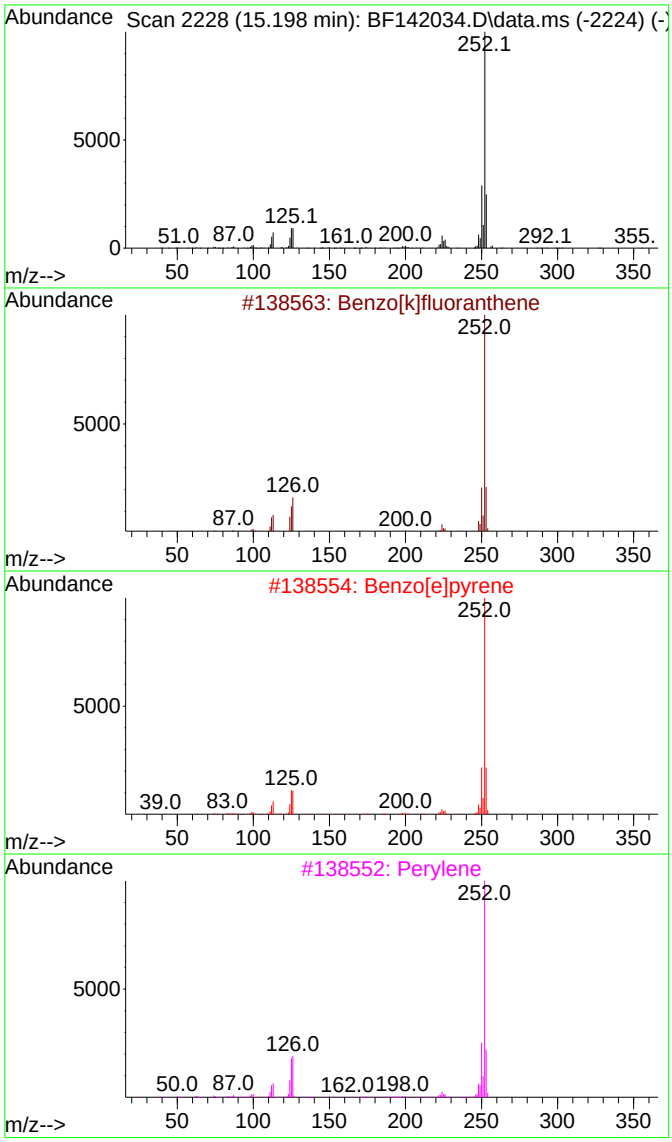
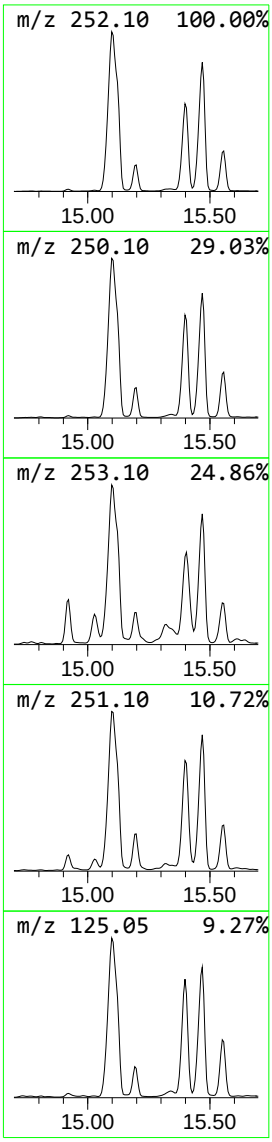
Peak Number 11 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.198	23.74 ng	1045550	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	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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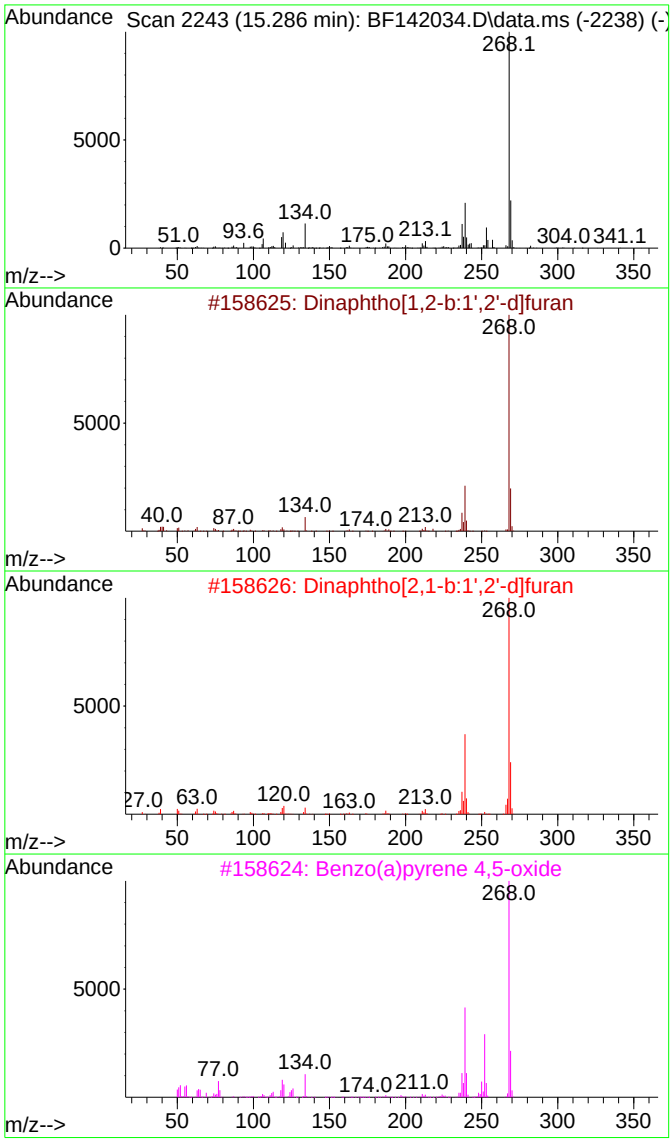
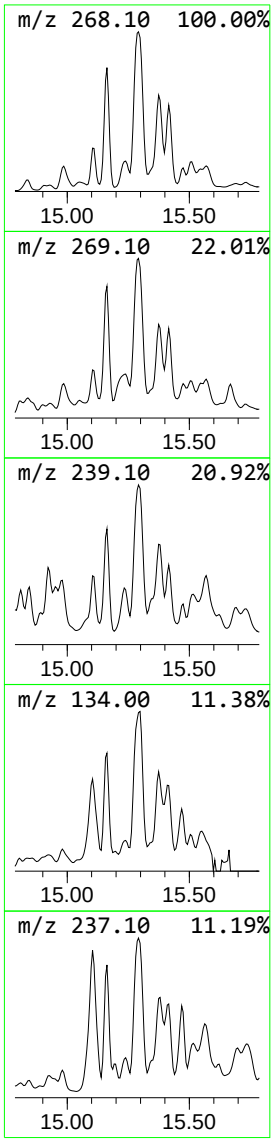
Peak Number 12 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.286	9.12 ng	401797	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	96
2	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	83
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	80
4	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	76
5	Diethylstilbestrol	268	C18H20O2	000056-53-1	64





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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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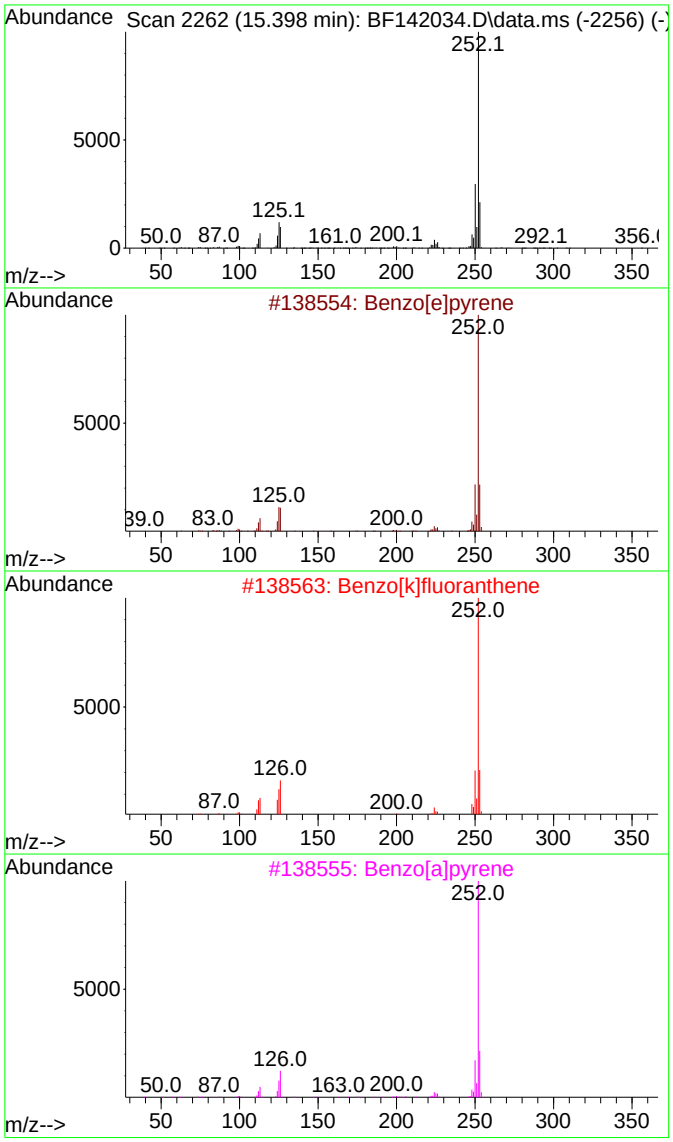
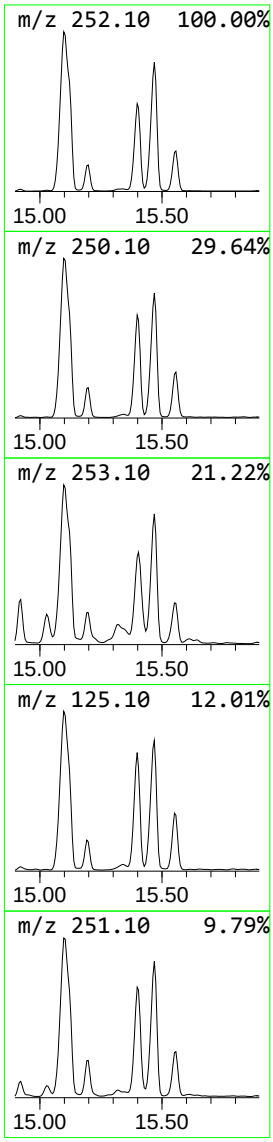
Peak Number 13 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.398	103.37 ng	4552130	Perylene-d12	15.521

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





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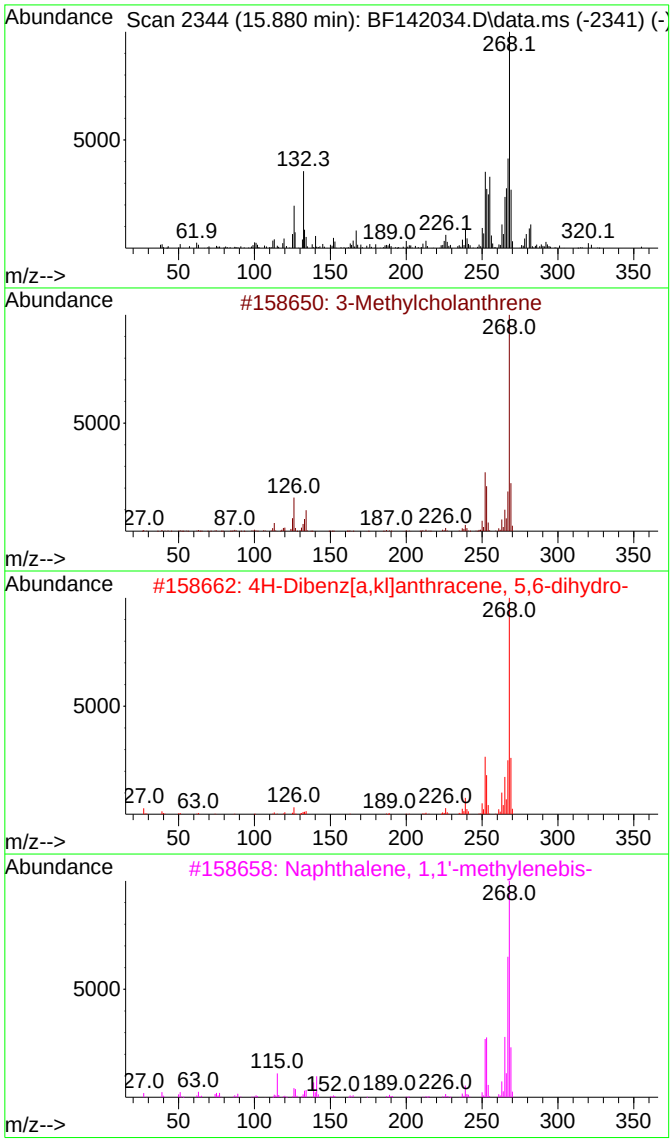
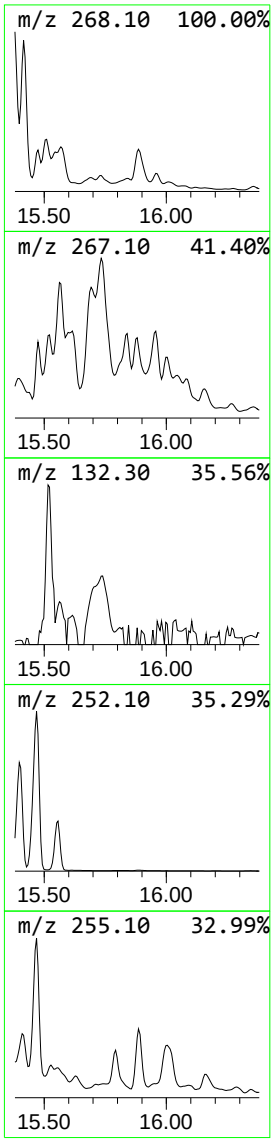
Peak Number 14 3-Methylcholanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.880	5.00 ng	220070	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcholanthrene	268	C21H16	000056-49-5	78
2	4H-Dibenz[a,kl]anthracene, 5,6-d...	268	C21H16	007198-87-0	78
3	Naphthalene, 1,1'-methylenebis-	268	C21H16	000607-50-1	50
4	Triphenylcyclopropene	268	C21H16	016510-49-9	47
5	Naphthalene, 1-(2-naphthalenylme...	268	C21H16	000611-48-3	45





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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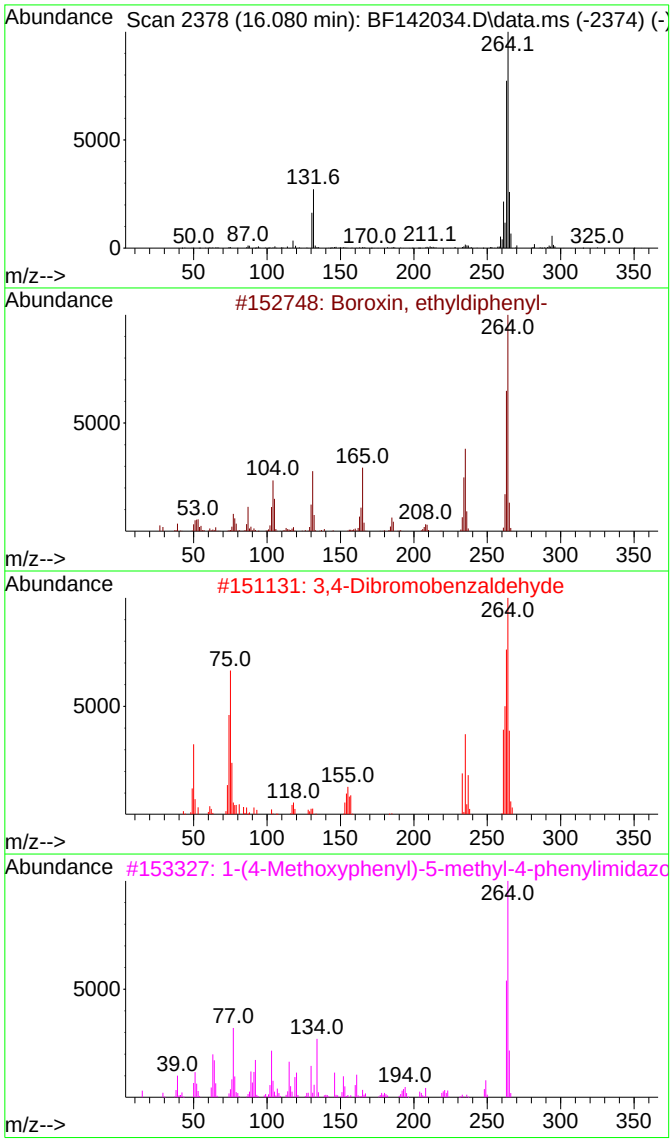
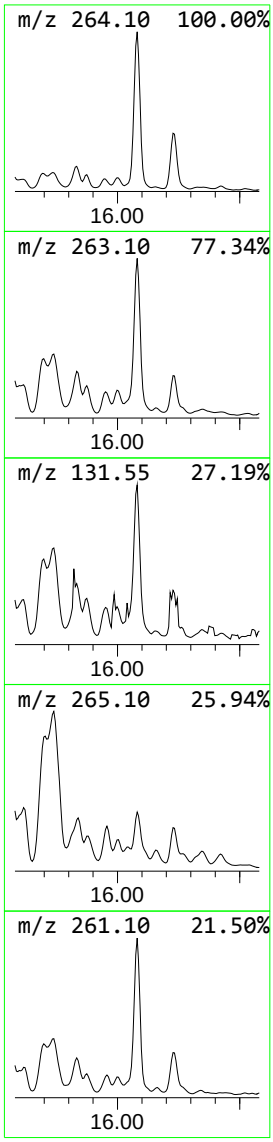
Peak Number 15 Boroxin, ethyldiphenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.080	11.09 ng	488210	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	64
2	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	64
3	1-(4-Methoxyphenyl)-5-methyl-4-p...	264	C17H16N2O	1000436-38-1	53
4	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	43
5	Phenothiazine, 2-chloro-8-methoxy-	263	C13H10ClNOS	017800-09-8	38





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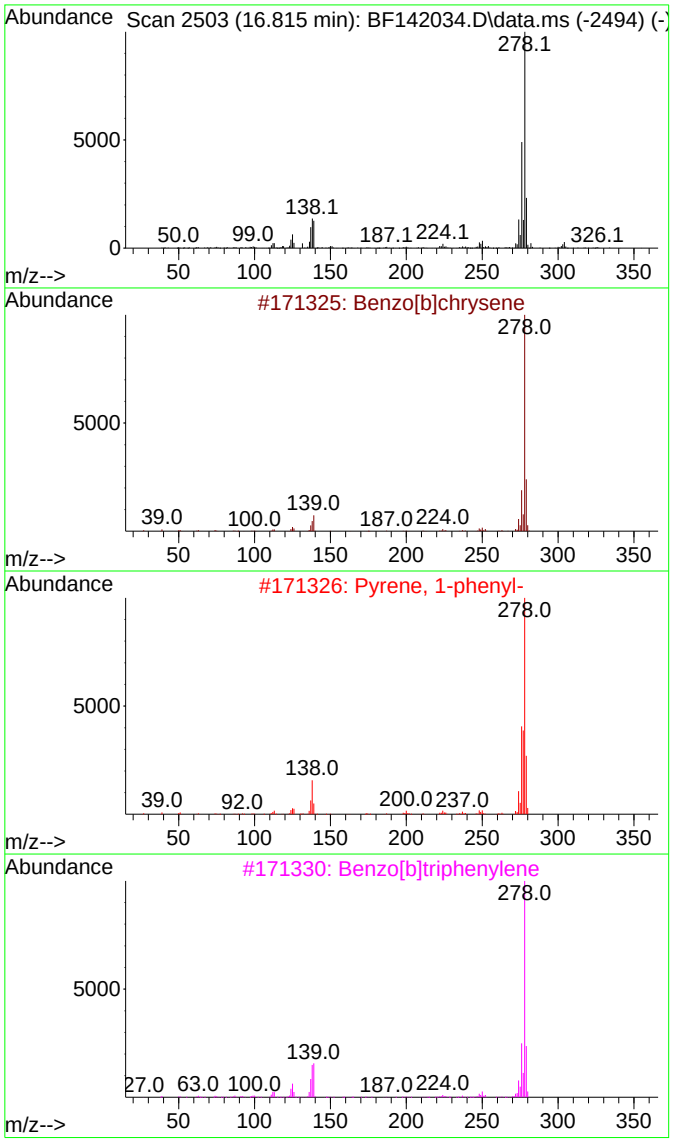
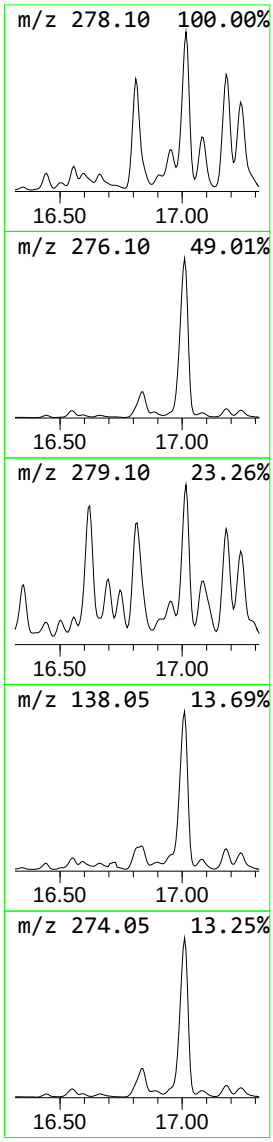
Peak Number 16 Benzo[b]chrysene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.816	24.87 ng	1095250	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]chrysene	278	C22H14	000214-17-5	86
2	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	83
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	83
4	Picene	278	C22H14	000213-46-7	70
5	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	58





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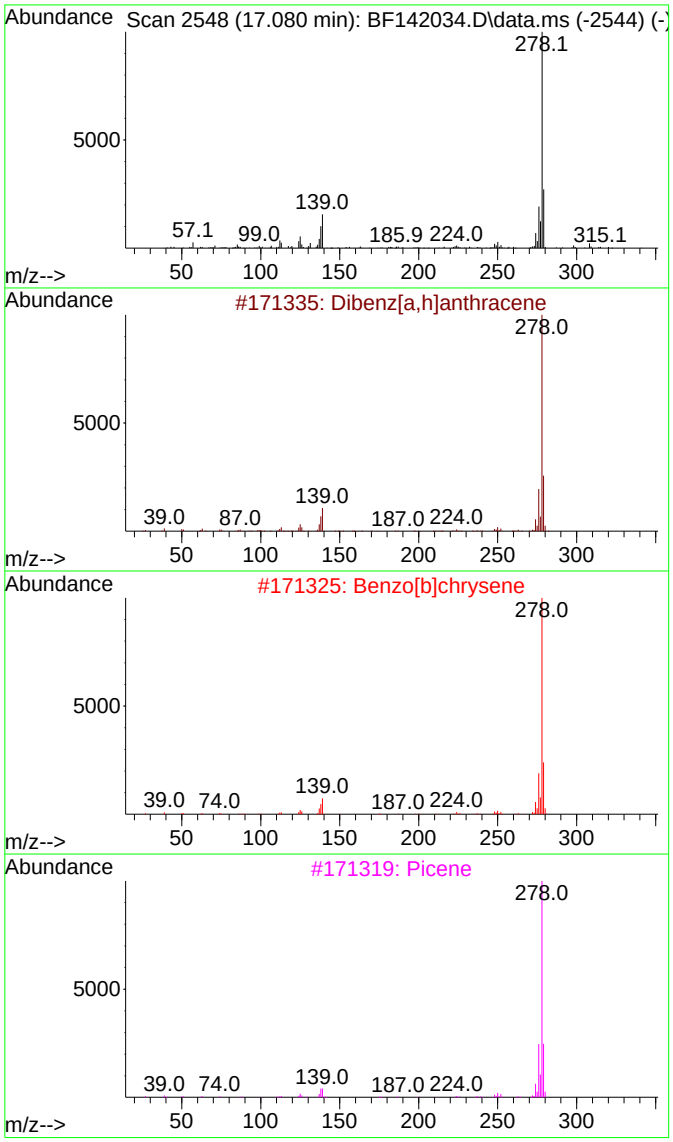
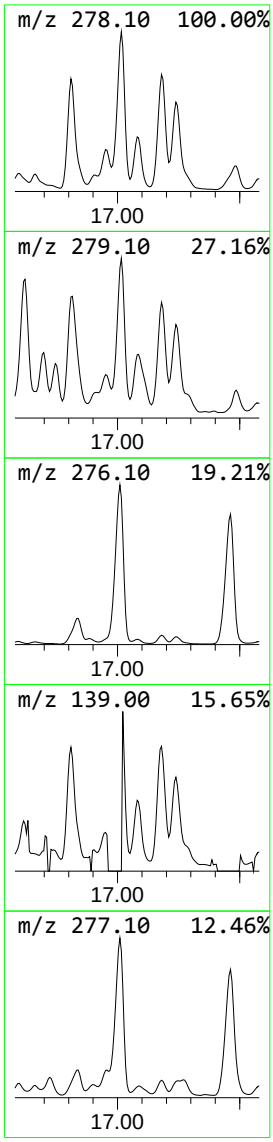
Peak Number 17 Dibenz[a,h]anthracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.080	5.13 ng	225778	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
2	Benzo[b]chrysene	278	C22H14	000214-17-5	96
3	Picene	278	C22H14	000213-46-7	94
4	Pentacene	278	C22H14	000135-48-8	93
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142034.D
Acq On : 21 Mar 2025 17:21
Operator : RC/JU
Sample : Q1619-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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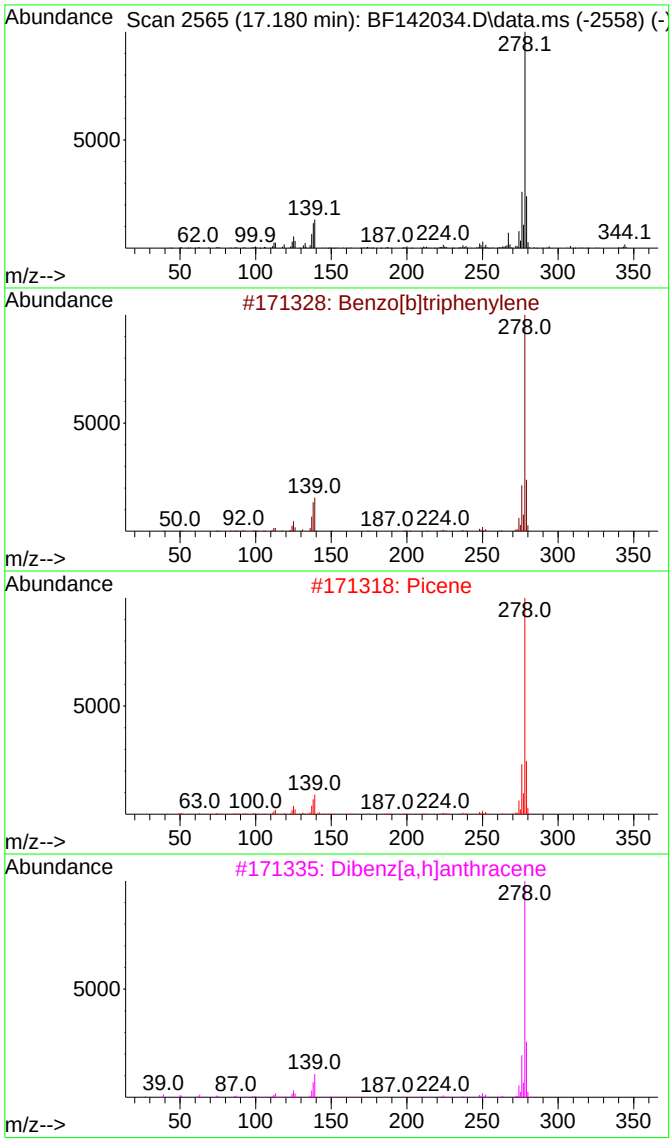
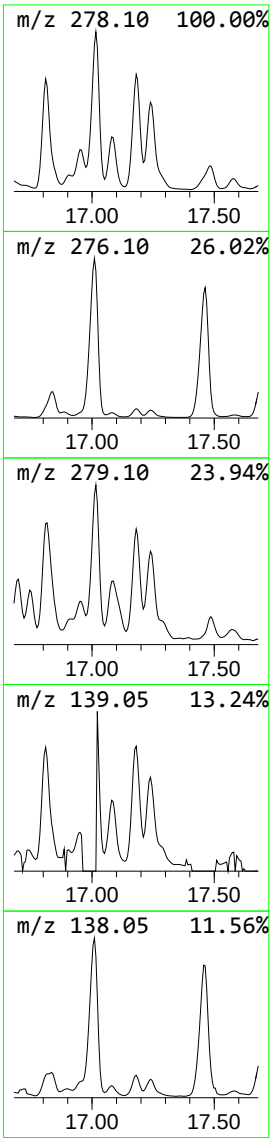
Peak Number 18 Benzo[b]triphenylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.180	12.74 ng	561135	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2	Picene	278	C22H14	000213-46-7	98
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
4	Benzo[b]chrysene	278	C22H14	000214-17-5	98
5	Pentaphene	278	C22H14	000222-93-5	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142034.D
Acq On : 21 Mar 2025 17:21
Operator : RC/JU
Sample : Q1619-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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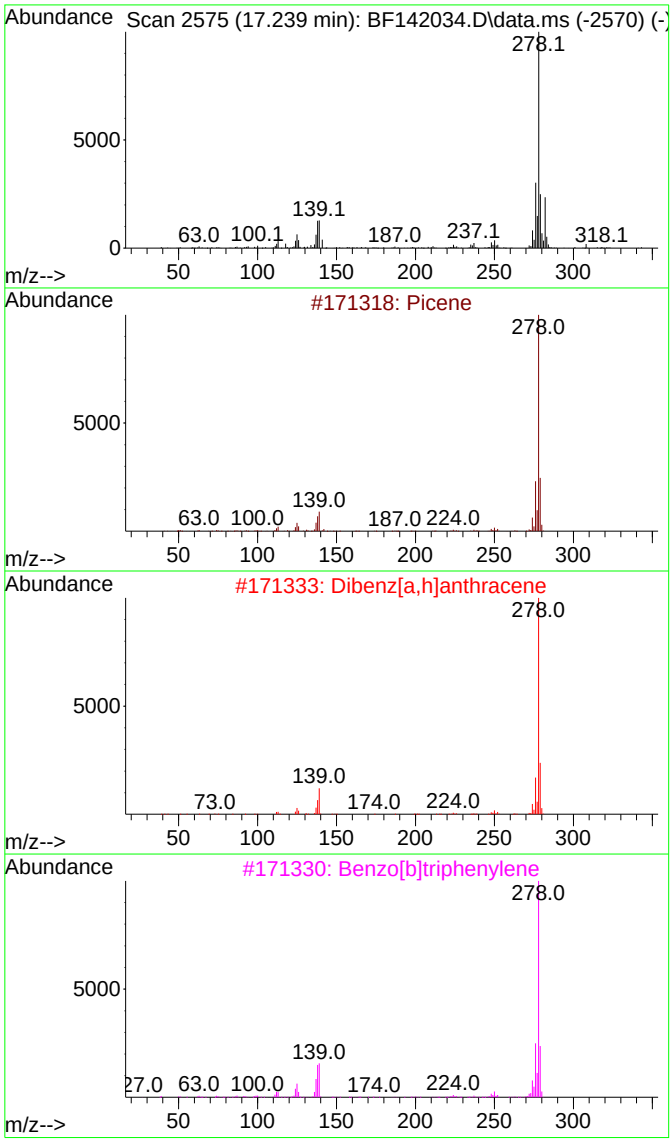
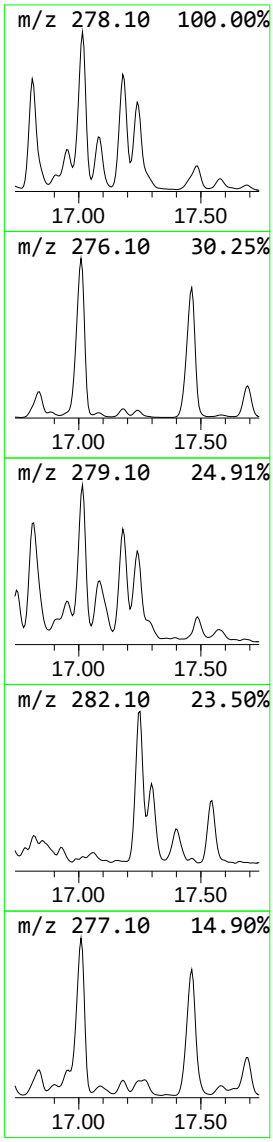
Peak Number 19 Picene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.239	6.30 ng	277391	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	96
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
4	Pentacene	278	C22H14	000135-48-8	92
5	Benzo[b]chrysene	278	C22H14	000214-17-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142034.D
Acq On : 21 Mar 2025 17:21
Operator : RC/JU
Sample : Q1619-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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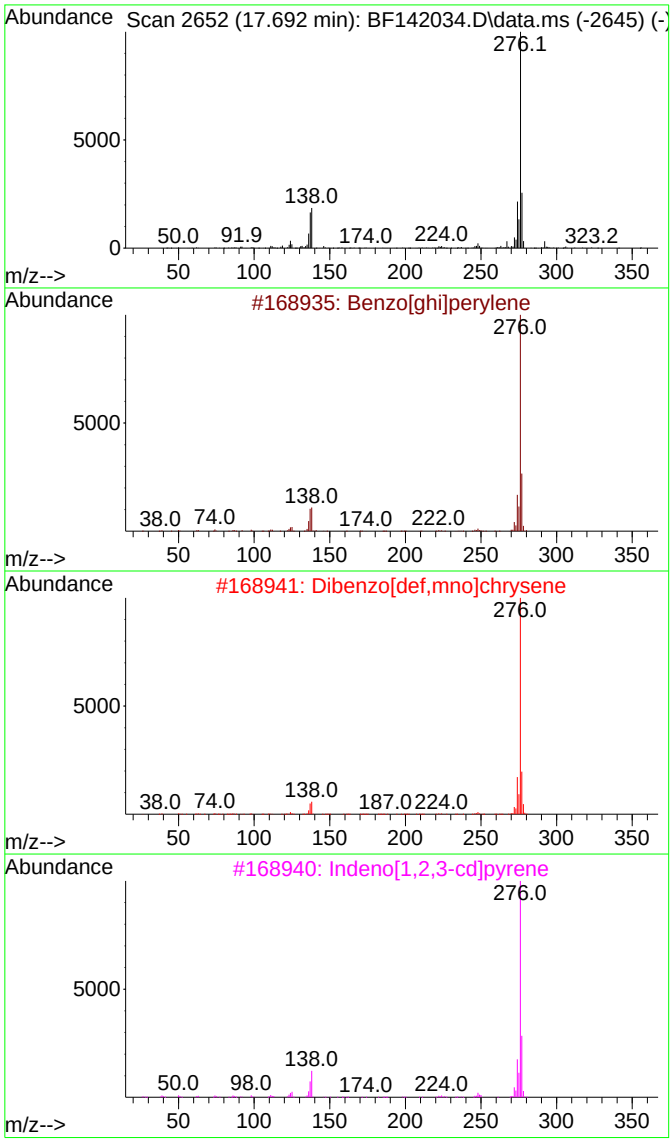
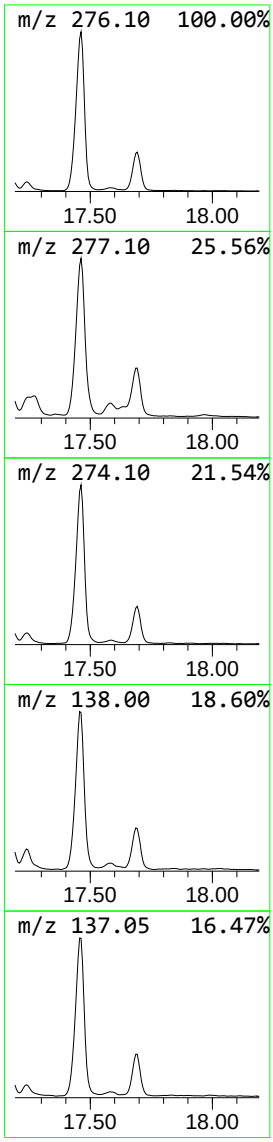
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.692	15.97 ng	703247	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	97
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	93
4	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	53
5	4-(2-(3-Nitrophenyl)ethenyl)quin...	276	C17H12N2O2	074839-90-0	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142034.D
Acq On : 21 Mar 2025 17:21
Operator : RC/JU
Sample : Q1619-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.146	30.1	ng	1276090	1	6.875	848722	20.0
2-Pentanone, 4-...	5.087	13.6	ng	577236	1	6.875	848722	20.0
Naphthalene, 1,...	9.492	4.0	ng	258867	3	9.910	1286010	20.0
Naphthalene, 2,...	9.563	4.3	ng	273295	3	9.910	1286010	20.0
1-Isopropenylna...	10.522	4.7	ng	304147	3	9.910	1286010	20.0
Nordiphenamid	10.539	5.6	ng	357729	3	9.910	1286010	20.0
Dibenzofuran, 4...	10.616	15.8	ng	1015300	3	9.910	1286010	20.0
11H-Benzo[b]flu...	13.169	4.4	ng	2435630	5	14.045	11017800	20.0
Benz[c]acridine	13.845	3.2	ng	1768410	5	14.045	11017800	20.0
4,5-Dihydrobenz...	14.916	19.3	ng	850356	6	15.521	880726	20.0
Perylene	15.198	23.7	ng	1045550	6	15.521	880726	20.0
Dinaphtho[1,2-b...	15.286	9.1	ng	401797	6	15.521	880726	20.0
Benzo[e]pyrene	15.398	103.4	ng	4552130	6	15.521	880726	20.0
3-Methylcholant...	15.880	5.0	ng	220070	6	15.521	880726	20.0
Boroxin, ethyld...	16.080	11.1	ng	488210	6	15.521	880726	20.0
Benzo[b]chrysene	16.816	24.9	ng	1095250	6	15.521	880726	20.0
Dibenz[a,h]anth...	17.080	5.1	ng	225778	6	15.521	880726	20.0
Benzo[b]triphen...	17.180	12.7	ng	561135	6	15.521	880726	20.0
Picene	17.239	6.3	ng	277391	6	15.521	880726	20.0
Dibenzo[def,mno...	17.692	16.0	ng	703247	6	15.521	880726	20.0