

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135139.D
 Acq On : 07 Sep 2023 17:55
 Operator : CG\JU
 Sample : 04256-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Groundwater

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: BF135139.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.393	48	52	63	rVB2	42876	68643	2.12%	0.244%
2	2.875	116	134	142	rVB	54096	142418	4.40%	0.507%
3	4.093	331	341	345	rBV2	43751	68337	2.11%	0.243%
4	4.428	393	398	408	rBV2	42309	68707	2.12%	0.245%
5	4.934	480	484	487	rVV	62760	71865	2.22%	0.256%
6	4.993	490	494	500	rVV2	84492	103111	3.19%	0.367%
7	5.369	553	558	559	rBV2	41966	54135	1.67%	0.193%
8	5.399	559	563	570	rVB	1301371	1277928	39.48%	4.549%
9	5.457	570	573	577	rBV2	56118	52746	1.63%	0.188%
10	5.563	584	591	594	rBV2	39203	58271	1.80%	0.207%
11	5.622	598	601	604	rBV2	45195	51185	1.58%	0.182%
12	5.928	650	653	659	rVB2	43882	46317	1.43%	0.165%
13	6.134	685	688	690	rVB	60987	52944	1.64%	0.188%
14	6.298	710	716	718	rBV3	57325	60906	1.88%	0.217%
15	6.328	718	721	724	rVV	80094	64898	2.00%	0.231%
16	6.375	724	729	731	rVV	143599	124335	3.84%	0.443%
17	6.404	731	734	739	rVV	746535	754188	23.30%	2.685%
18	6.457	739	743	750	rVV	82378	105834	3.27%	0.377%
19	6.540	753	757	760	rVV2	59972	90046	2.78%	0.321%
20	6.593	764	766	773	rVB	226337	236235	7.30%	0.841%
21	6.769	792	796	799	rBV	717505	613792	18.96%	2.185%
22	6.804	799	802	804	rVV2	229520	196553	6.07%	0.700%
23	6.828	804	806	808	rVB	103272	75382	2.33%	0.268%
24	7.022	836	839	840	rBV2	68122	67402	2.08%	0.240%
25	7.045	840	843	846	rVB	103012	96720	2.99%	0.344%
26	7.087	847	850	858	rVB2	185825	229040	7.08%	0.815%
27	7.163	858	863	872	rBV2	105434	123802	3.82%	0.441%
28	7.234	872	875	877	rBV	87056	74781	2.31%	0.266%
29	7.257	877	879	883	rVB	93740	69621	2.15%	0.248%
30	7.304	883	887	889	rBV2	369523	410410	12.68%	1.461%
31	7.340	889	893	896	rVV	1966100	1962681	60.63%	6.987%
32	7.416	900	906	909	rBV3	96749	119126	3.68%	0.424%
33	7.457	909	913	915	rBV2	84066	91487	2.83%	0.326%
34	7.540	920	927	929	rBV	161368	183625	5.67%	0.654%
35	7.563	929	931	934	rVB	175348	141595	4.37%	0.504%
36	7.657	942	947	948	rBV2	50687	69755	2.15%	0.248%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.704	952	955	957	rVV2	116911	139235	4.30%	0.496%
38	7.722	957	958	964	rVB2	103020	92034	2.84%	0.328%
39	7.787	964	969	972	rBV3	228652	269774	8.33%	0.960%
40	7.822	972	975	978	rVV	78559	81144	2.51%	0.289%
41	7.869	978	983	985	rVV4	88408	134555	4.16%	0.479%
42	7.922	989	992	995	rVV	73672	73196	2.26%	0.261%
43	7.992	999	1004	1006	rVV4	47482	80204	2.48%	0.286%
44	8.051	1009	1014	1016	rVV	983578	990498	30.60%	3.526%
45	8.069	1016	1017	1020	rVV	220381	179806	5.55%	0.640%
46	8.098	1020	1022	1024	rVV	79695	67013	2.07%	0.239%
47	8.140	1027	1029	1032	rVB	70189	55537	1.72%	0.198%
48	8.328	1053	1061	1064	rBV3	237175	262769	8.12%	0.935%
49	8.434	1076	1079	1082	rVB	142306	120894	3.73%	0.430%
50	8.516	1090	1093	1098	rVV3	123023	149288	4.61%	0.531%
51	8.557	1098	1100	1105	rVV4	93893	126184	3.90%	0.449%
52	8.640	1111	1114	1117	rBV3	63374	60846	1.88%	0.217%
53	8.716	1125	1127	1130	rVB	85178	70891	2.19%	0.252%
54	8.763	1130	1135	1138	rBV	438335	367963	11.37%	1.310%
55	8.863	1146	1152	1155	rBV2	402068	412389	12.74%	1.468%
56	8.910	1158	1160	1165	rVB	65715	76587	2.37%	0.273%
57	9.092	1189	1191	1193	rBV3	39923	44536	1.38%	0.159%
58	9.134	1193	1198	1201	rVB	3549165	3237273	100.00%	11.524%
59	9.251	1213	1218	1220	rBV	238127	231164	7.14%	0.823%
60	9.328	1228	1231	1237	rVB2	108496	175042	5.41%	0.623%
61	9.392	1237	1242	1246	rBV2	304790	427439	13.20%	1.522%
62	9.469	1251	1255	1257	rVV	605146	635659	19.64%	2.263%
63	9.492	1257	1259	1263	rVB	427238	361510	11.17%	1.287%
64	9.581	1270	1274	1276	rBV	192196	191216	5.91%	0.681%
65	9.669	1284	1289	1292	rVB	85679	91910	2.84%	0.327%
66	9.739	1298	1301	1304	rVB	159221	123982	3.83%	0.441%
67	9.810	1307	1313	1316	rBV	1098617	977937	30.21%	3.481%
68	9.916	1327	1331	1336	rBV2	142842	209321	6.47%	0.745%
69	9.957	1336	1338	1342	rVV2	46740	59468	1.84%	0.212%
70	10.010	1343	1347	1351	rVB	273754	265225	8.19%	0.944%
71	10.051	1351	1354	1357	rBV	216834	172213	5.32%	0.613%
72	10.128	1363	1367	1369	rBV	220262	209320	6.47%	0.745%
73	10.157	1369	1372	1376	rVV3	104790	109716	3.39%	0.391%
74	10.192	1376	1378	1380	rVV	99817	109429	3.38%	0.390%
75	10.216	1380	1382	1384	rVV	141631	141939	4.38%	0.505%
76	10.234	1384	1385	1390	rVV3	77537	87829	2.71%	0.313%

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77	10.304	1394	1397	1401	rVV3	93003	113544	3.51%	0.404%
78	10.351	1402	1405	1408	rVV3	97883	107604	3.32%	0.383%
79	10.422	1412	1417	1419	rVV	212563	231096	7.14%	0.823%
80	10.445	1419	1421	1423	rVV2	75797	80069	2.47%	0.285%
81	10.469	1423	1425	1428	rVV	81947	88662	2.74%	0.316%
82	10.516	1431	1433	1438	rVV3	79052	93171	2.88%	0.332%
83	10.569	1438	1442	1443	rVV4	46940	58557	1.81%	0.208%
84	10.604	1443	1448	1452	rVV	2126391	2107781	65.11%	7.504%
85	10.633	1452	1453	1459	rVB4	39123	49653	1.53%	0.177%
86	10.722	1465	1468	1475	rVB2	102132	149809	4.63%	0.533%
87	10.798	1479	1481	1484	rBV	57140	57606	1.78%	0.205%
88	10.904	1495	1499	1502	rVV3	39896	63792	1.97%	0.227%
89	10.939	1502	1505	1507	rVV	130722	124297	3.84%	0.442%
90	10.975	1507	1511	1516	rVB5	71806	127492	3.94%	0.454%
91	11.045	1521	1523	1525	rBV2	48860	50945	1.57%	0.181%
92	11.198	1547	1549	1554	rVB4	57457	65248	2.02%	0.232%
93	11.304	1563	1567	1569	rVV	897319	755448	23.34%	2.689%
94	11.328	1569	1571	1574	rVB	54044	43924	1.36%	0.156%
95	11.839	1654	1658	1667	rVB4	251237	276339	8.54%	0.984%
96	12.627	1788	1792	1802	rBV3	93762	124570	3.85%	0.443%
97	12.898	1834	1838	1842	rBV	2464434	2433601	75.17%	8.663%
98	13.816	1990	1994	2005	rVB	69904	103419	3.19%	0.368%
99	13.957	2014	2018	2024	rBV	552678	500785	15.47%	1.783%
100	15.427	2262	2268	2273	rBV	409980	531459	16.42%	1.892%

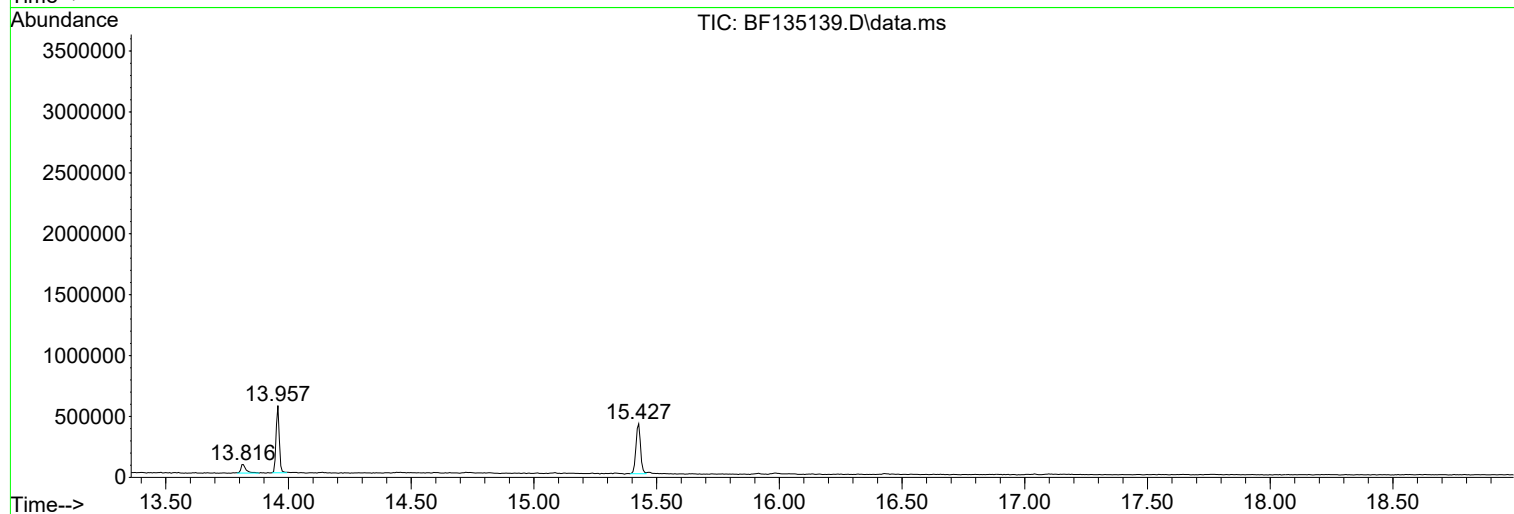
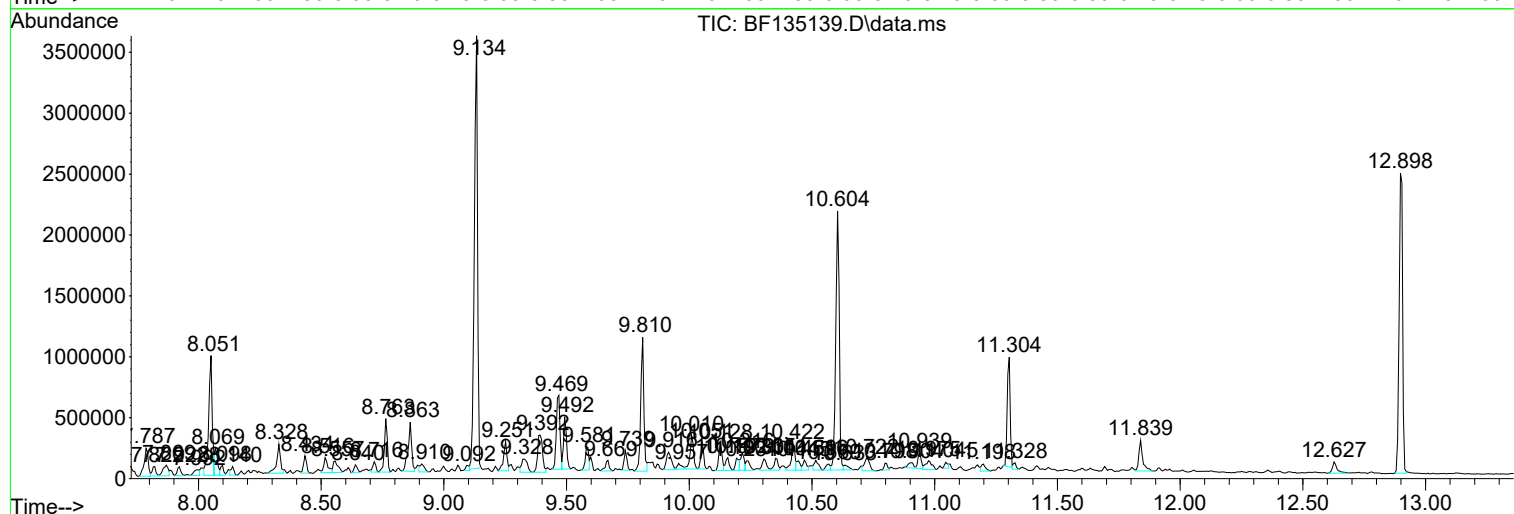
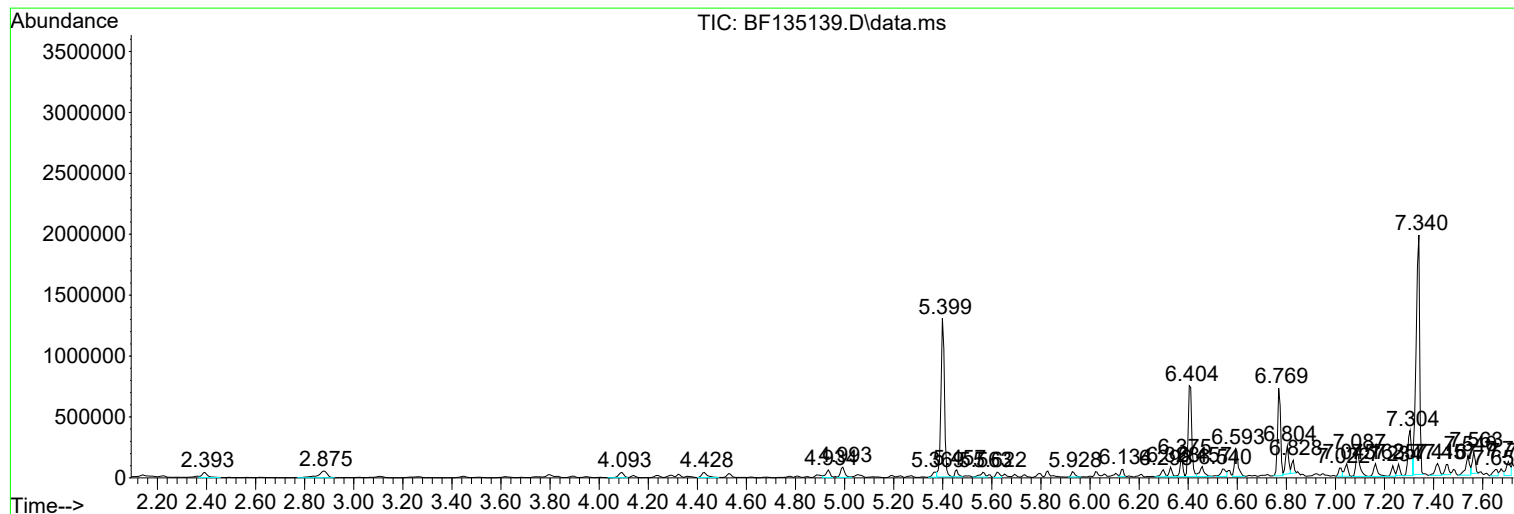
Sum of corrected areas: 28090627

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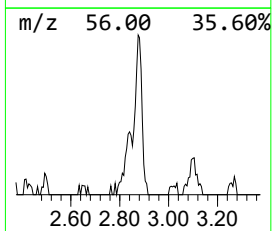
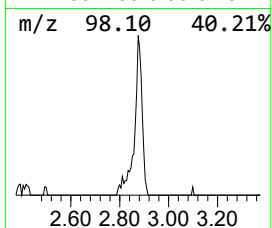
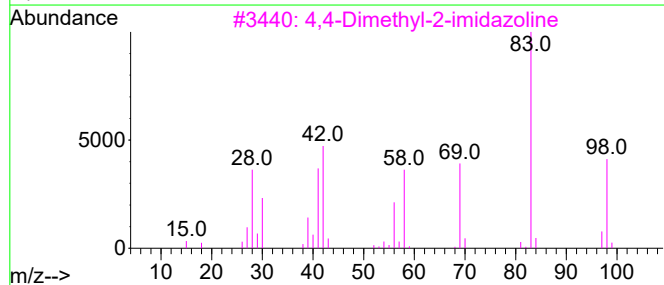
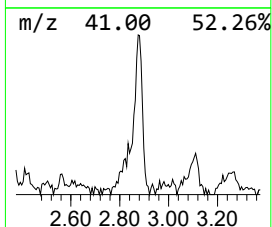
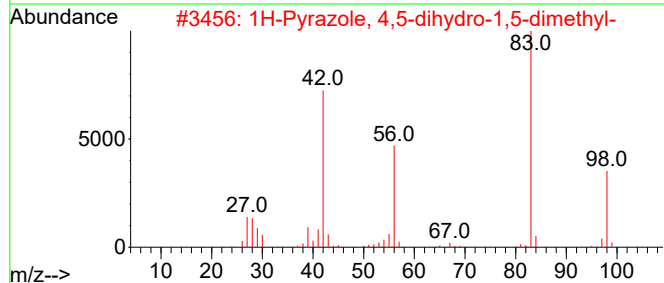
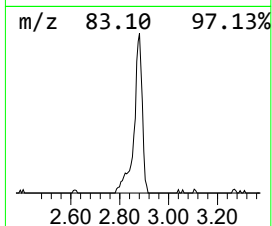
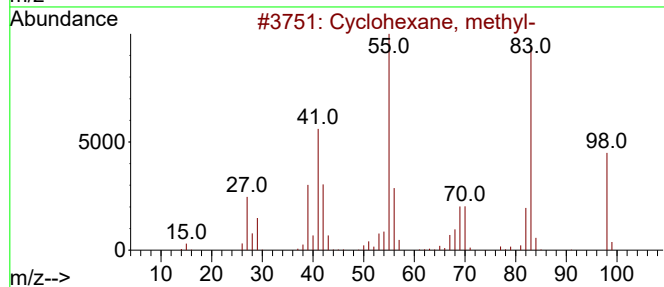
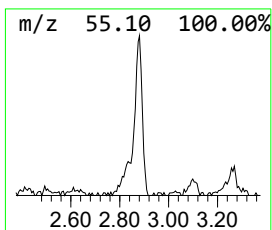
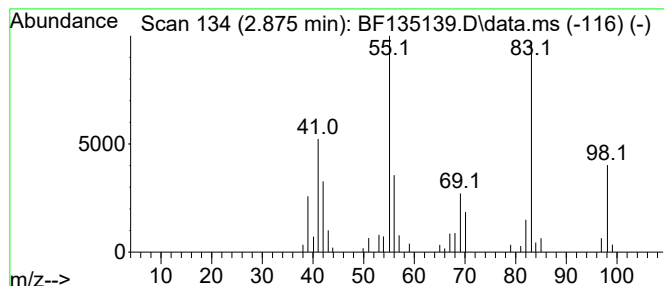
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.875	4.64 ng	142418	1,4-Dichlorobenzene-d4	6.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, methyl-	98	C7H14	000108-87-2	94
2			1H-Pyrazole, 4,5-dihydro-1,5-dim...	98	C5H10N2	005775-96-2	80
3			4,4-Dimethyl-2-imidazoline	98	C5H10N2	002305-59-1	72
4			1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	72
5			2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	64



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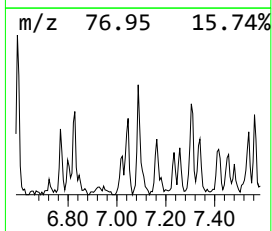
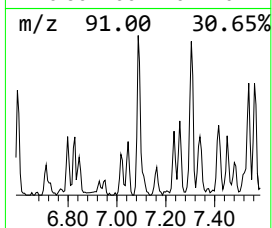
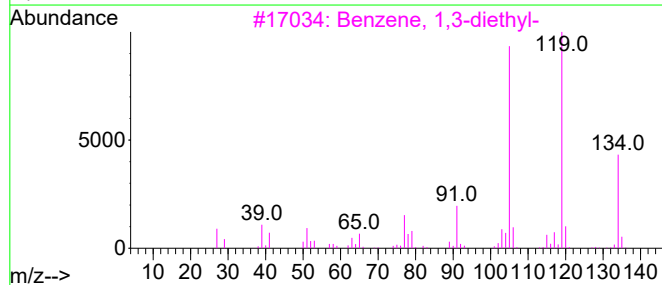
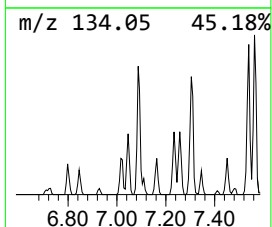
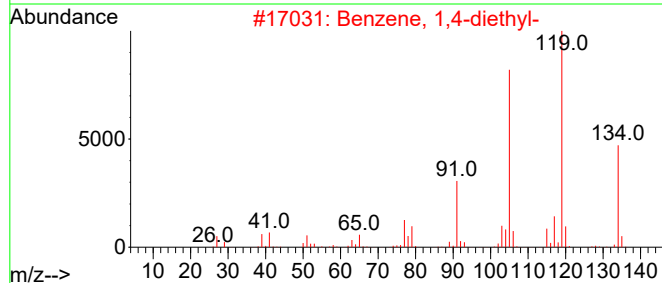
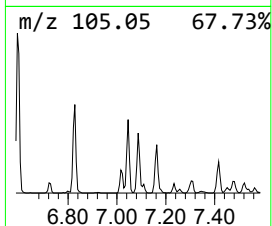
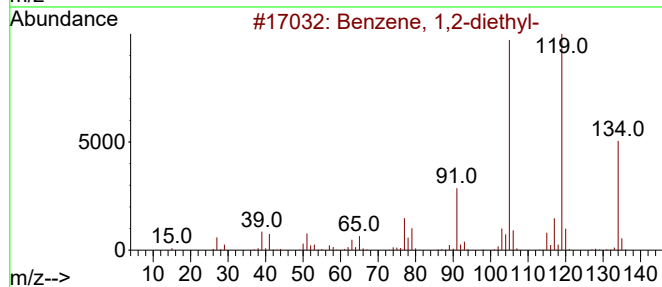
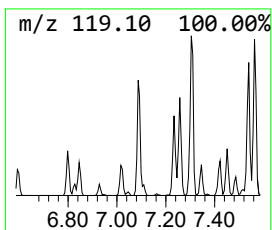
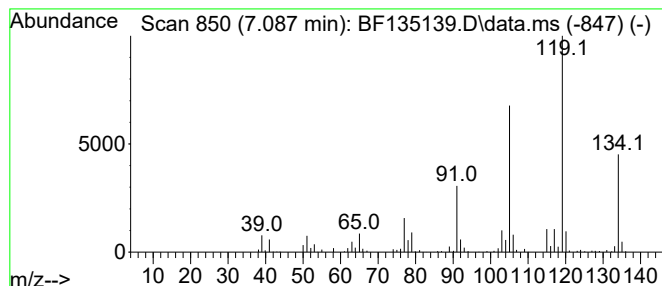
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.087	7.46 ng	229040	1,4-Dichlorobenzene-d4	6.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
4			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91



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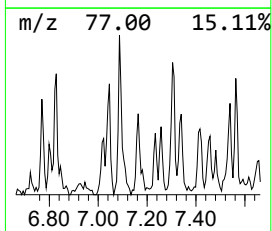
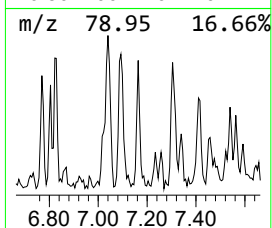
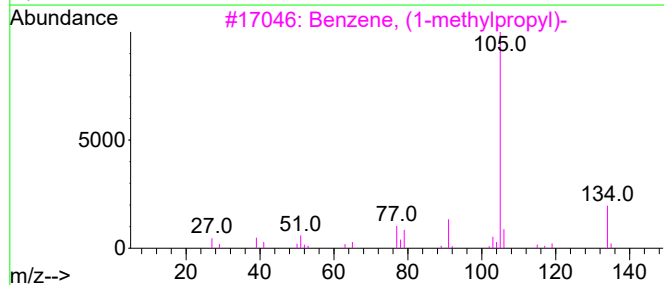
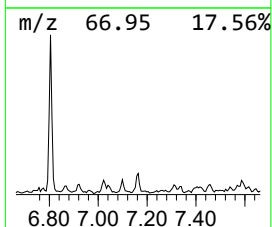
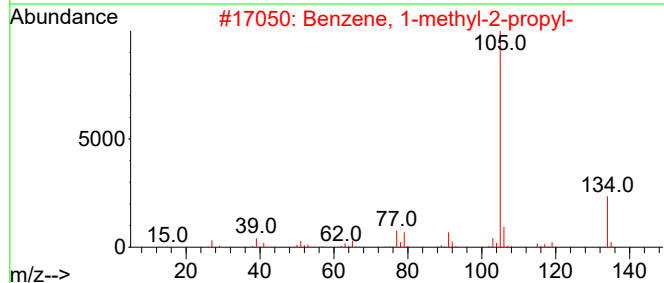
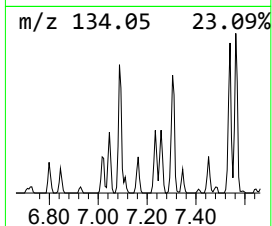
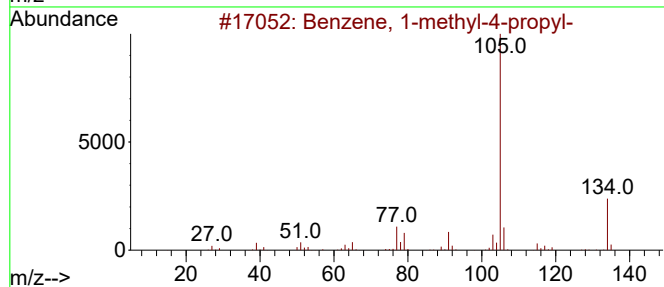
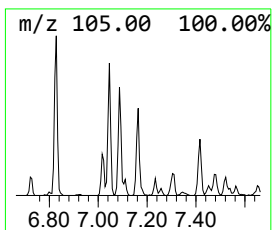
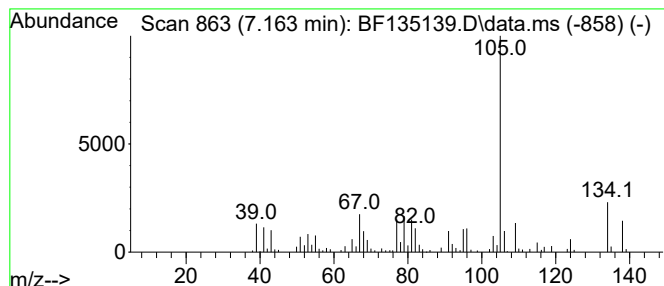
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-methyl-4-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.163	4.03 ng	123802	1,4-Dichlorobenzene-d4	6.769

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	55
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	55
3			Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	50
4			Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	50
5			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
Data File : BF135139.D
Acq On : 07 Sep 2023 17:55
Operator : CG\JU
Sample : 04256-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Groundwater

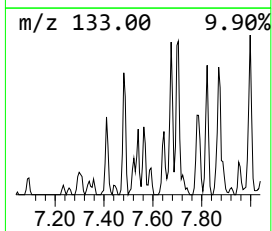
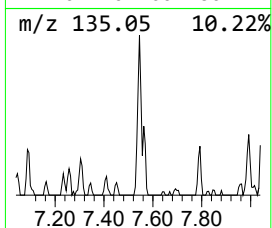
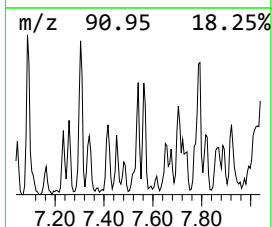
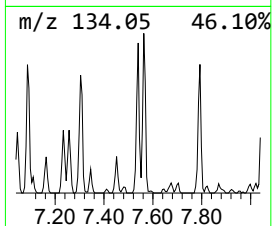
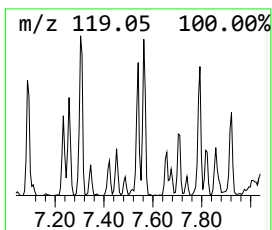
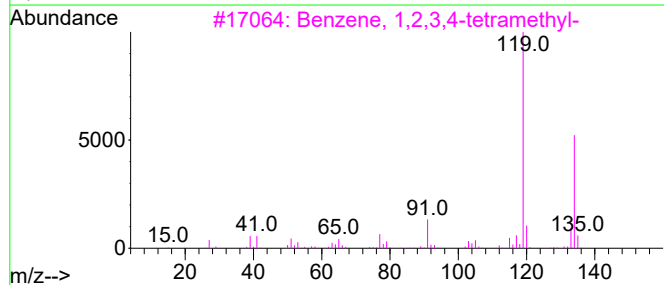
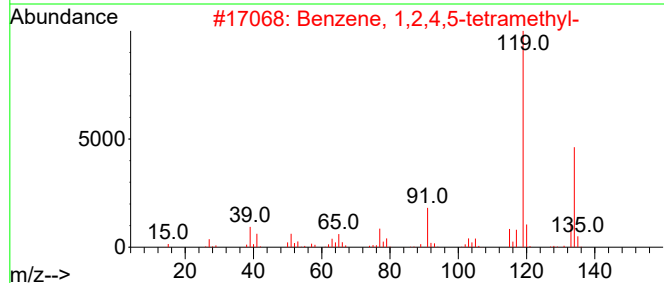
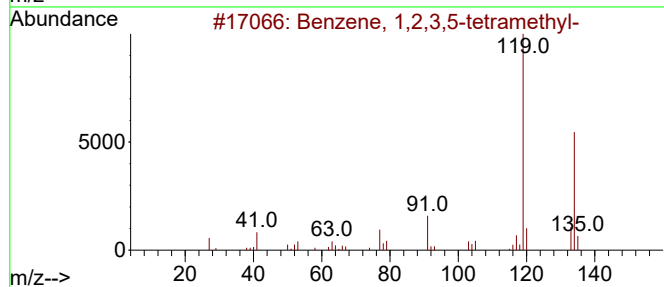
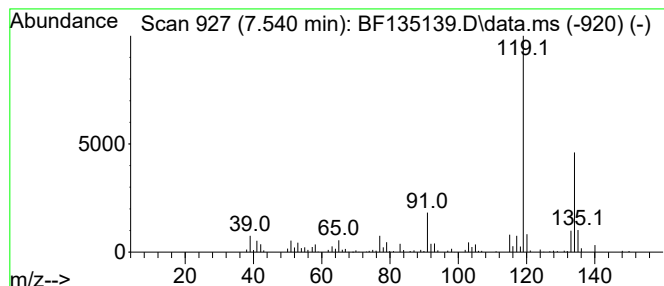
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.540	3.71 ng	183625	Naphthalene-d8	8.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
5			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
Data File : BF135139.D
Acq On : 07 Sep 2023 17:55
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Sample : 04256-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

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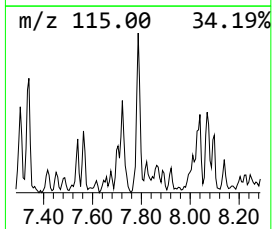
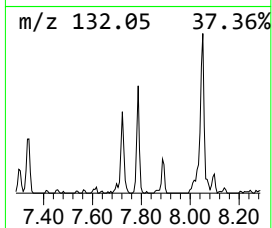
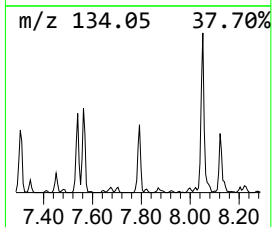
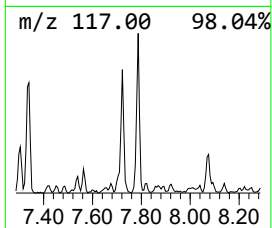
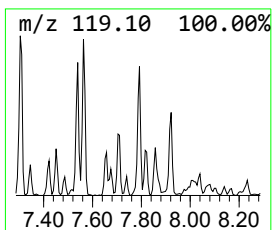
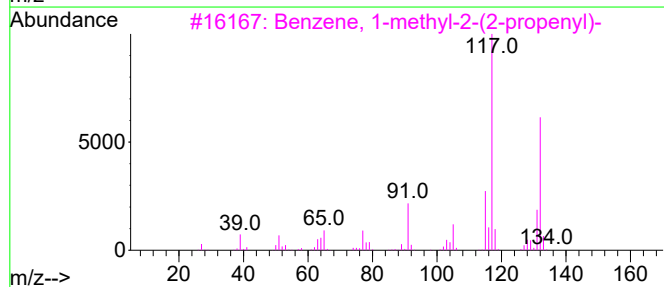
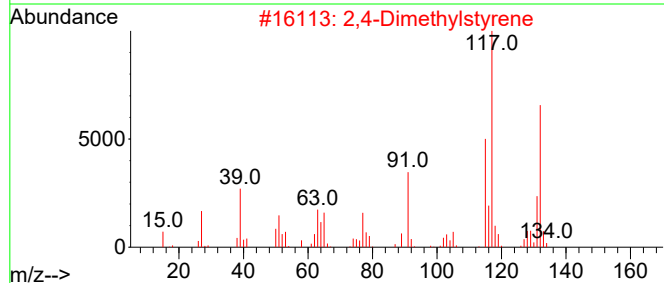
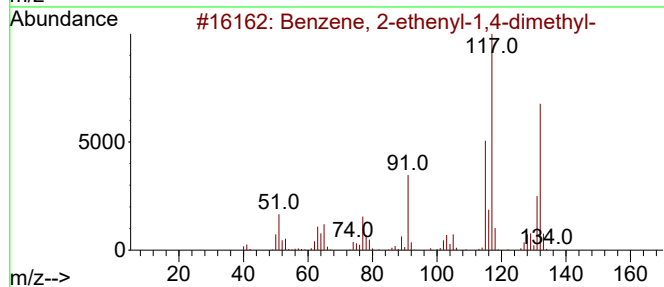
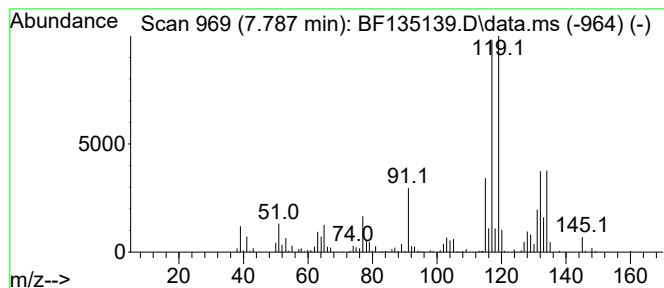
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.787	5.45 ng	269774	Naphthalene-d8	8.051

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	78
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	74
3		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	50
4		1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	50
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
Data File : BF135139.D
Acq On : 07 Sep 2023 17:55
Operator : CG\JU
Sample : 04256-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

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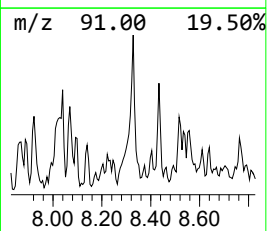
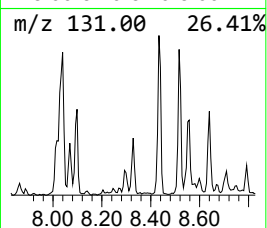
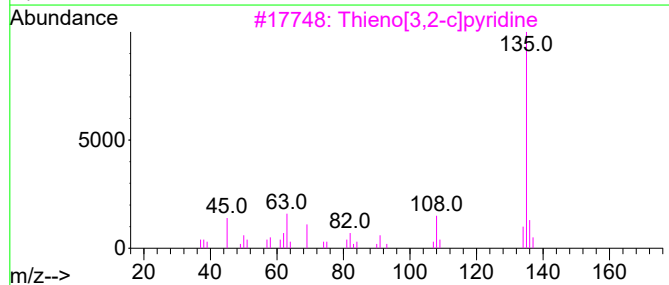
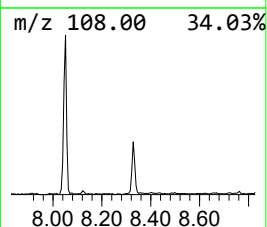
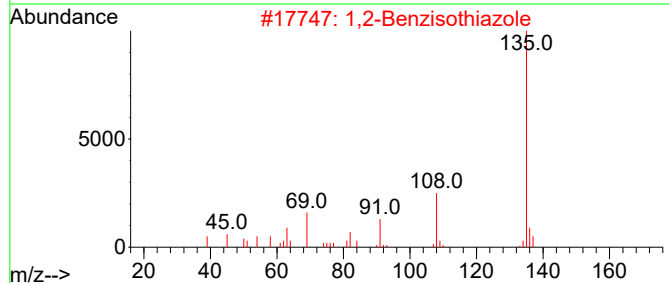
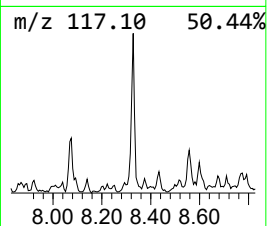
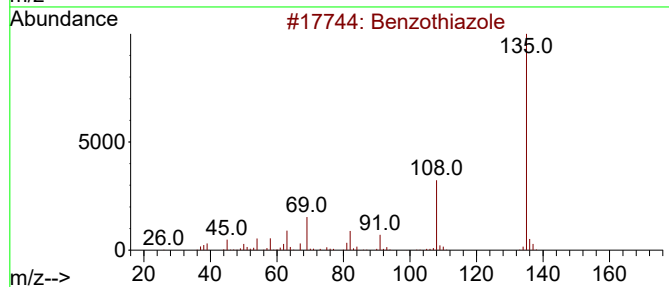
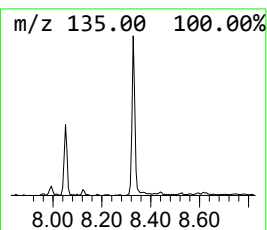
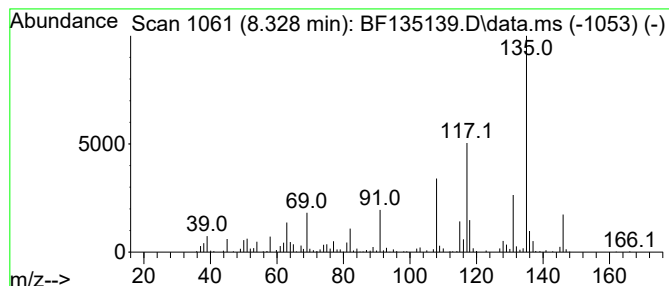
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzothiazole Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.328	5.31 ng	262769	Naphthalene-d8	8.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzothiazole	135	C7H5NS	000095-16-9	55
2			1,2-Benzisothiazole	135	C7H5NS	000272-16-2	49
3			Thieno[3,2-c]pyridine	135	C7H5NS	000272-14-0	43
4			1H-Indole, 5-fluoro-	135	C8H6FN	000399-52-0	43
5			3-Allylbenzothiazolium bromide	255	C10H10BrNS	016407-55-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
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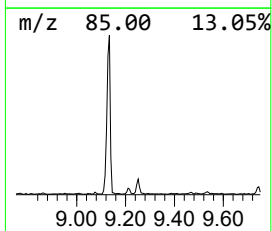
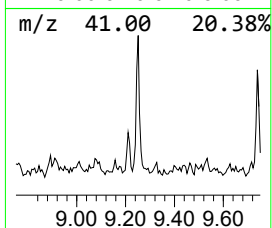
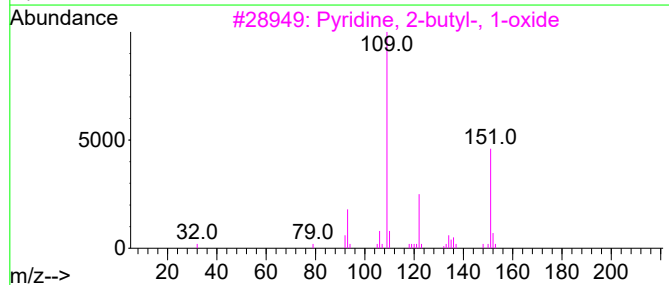
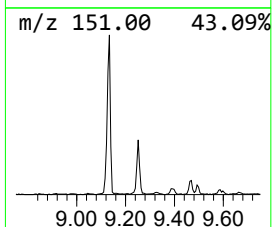
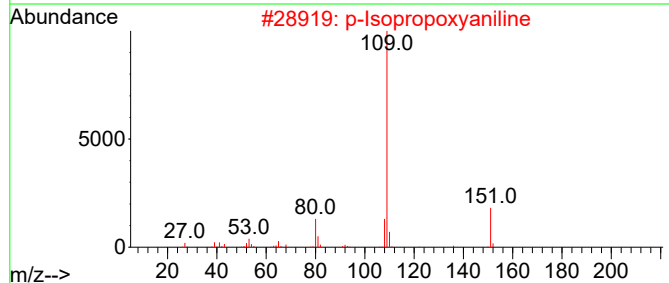
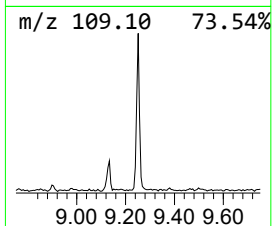
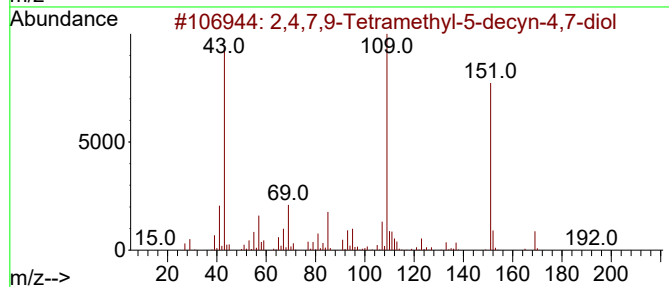
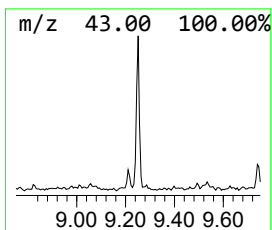
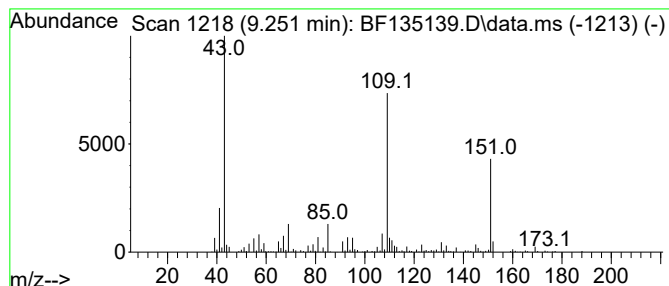
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.251	4.73 ng	231164	Acenaphthene-d10		9.810	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...		226	C14H26O2	000126-86-3	90
2	p-Isopropoxyaniline		151	C9H13NO	007664-66-6	64
3	Pyridine, 2-butyl-, 1-oxide		151	C9H13NO	031396-32-4	59
4	Metacetamol		151	C8H9NO2	000621-42-1	59
5	3-Pyridinol, 4-methyl-, acetate ...		151	C8H9NO2	001006-96-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
Data File : BF135139.D
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Instrument :
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ClientSampleId :
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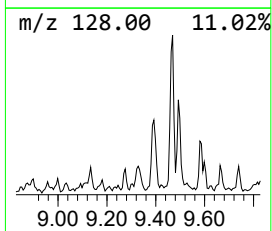
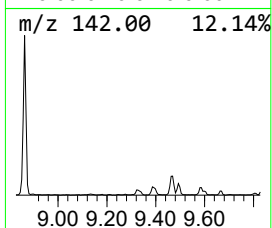
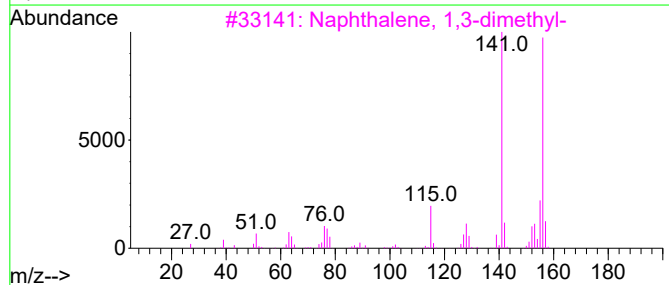
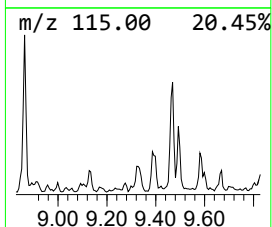
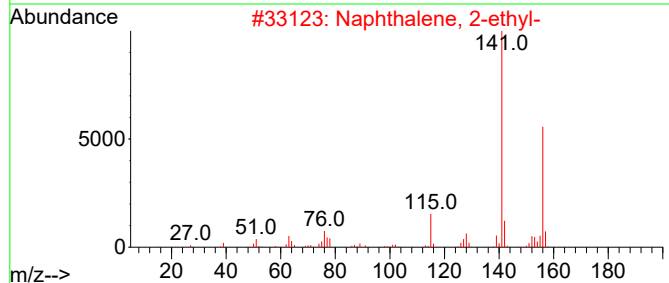
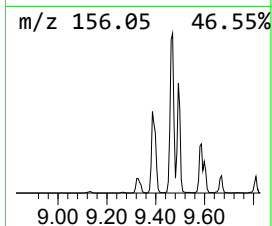
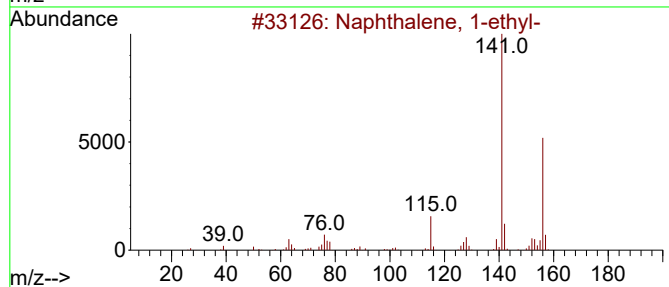
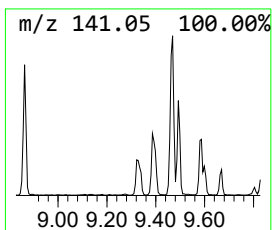
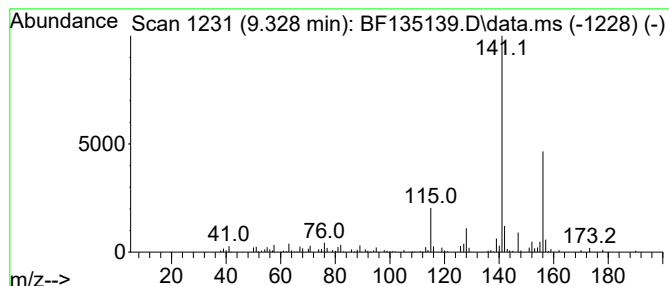
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.328	3.58 ng	175042	Acenaphthene-d10	9.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
2			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	87
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	72
5			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
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ClientSampleId :
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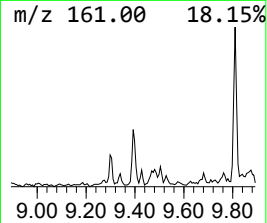
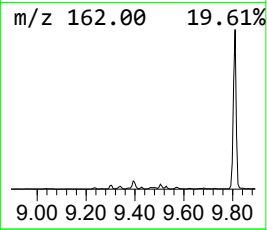
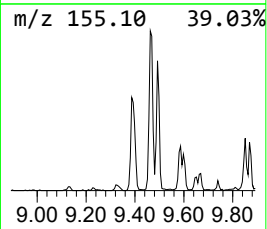
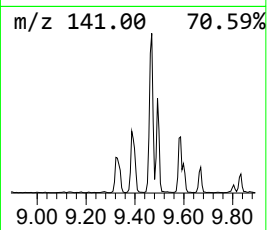
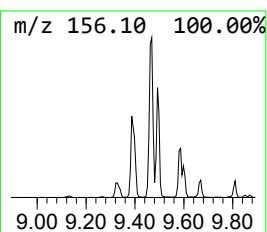
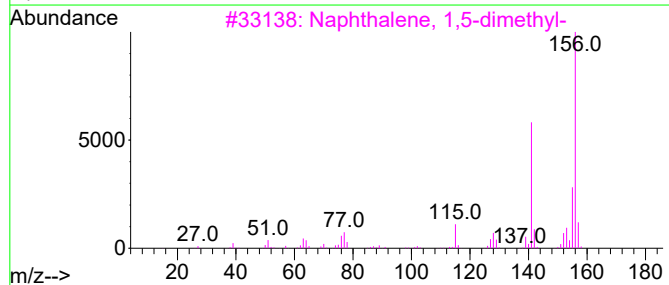
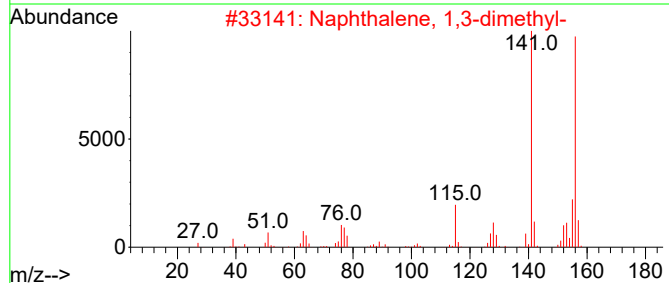
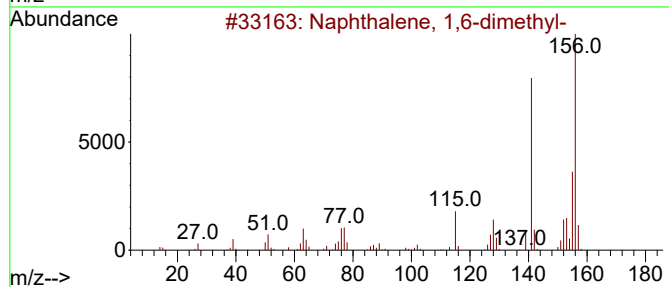
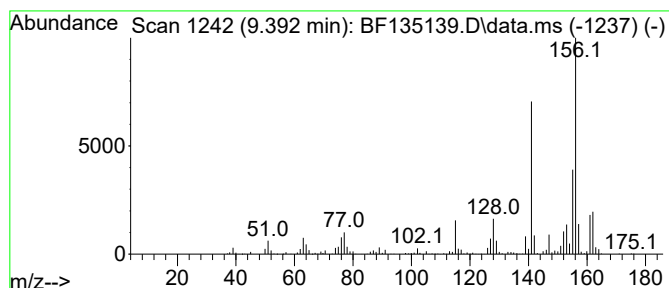
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.392	8.74 ng	427439	Acenaphthene-d10	9.810

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
Data File : BF135139.D
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Sample : 04256-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

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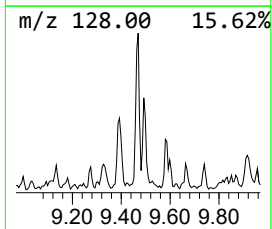
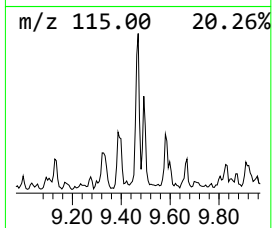
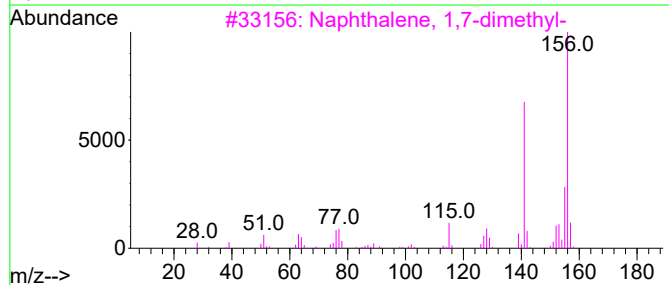
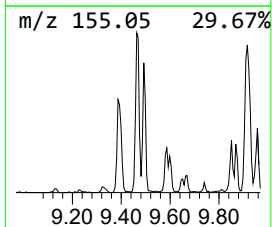
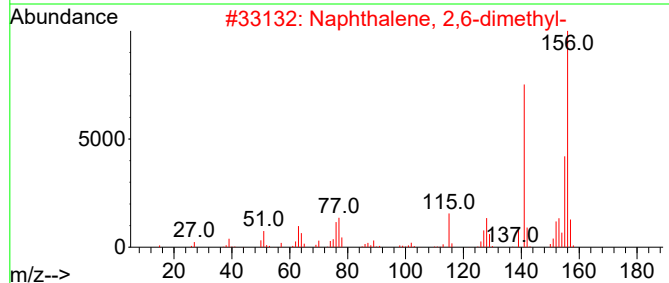
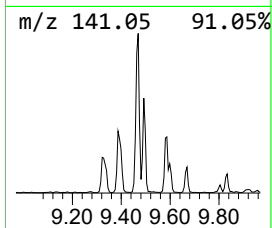
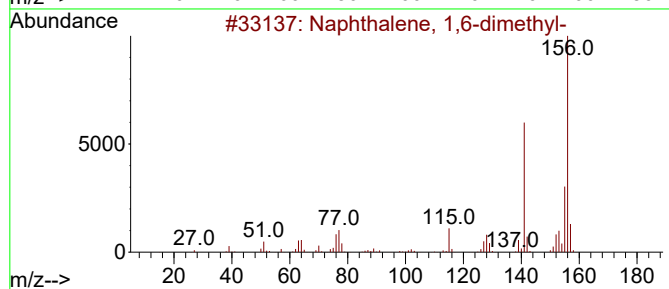
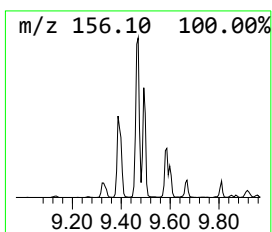
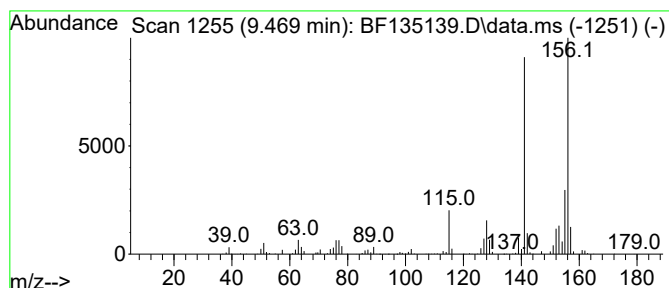
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.469	13.00 ng	635659	Acenaphthene-d10	9.810

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
Data File : BF135139.D
Acq On : 07 Sep 2023 17:55
Operator : CG\JU
Sample : 04256-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Groundwater

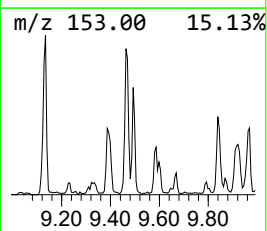
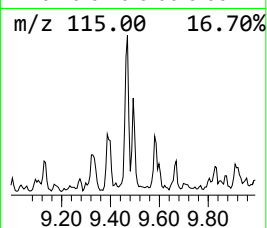
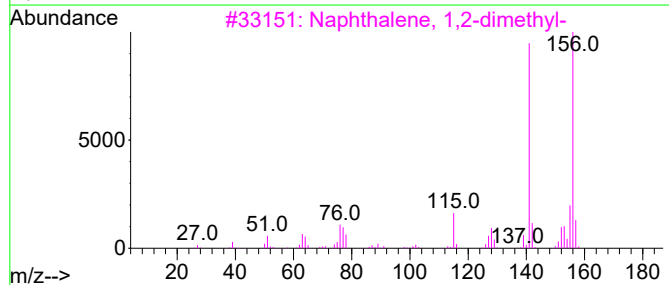
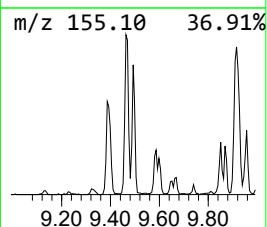
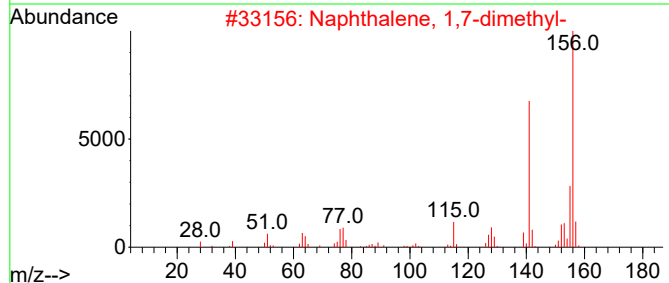
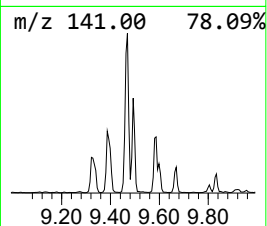
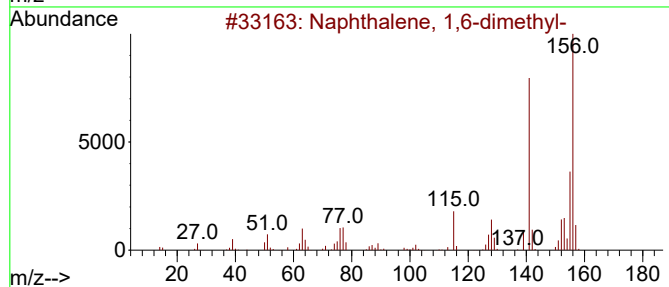
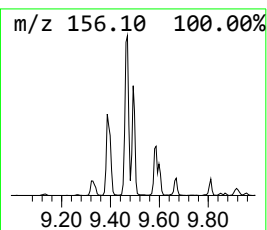
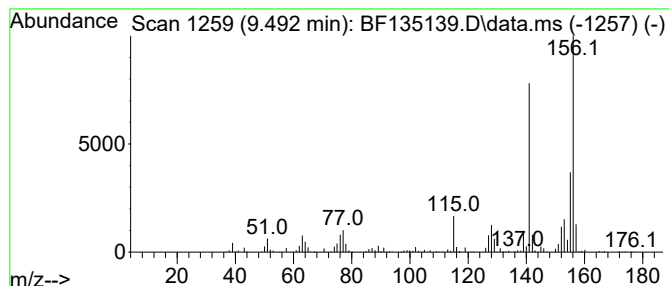
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	7.39 ng	361510	Acenaphthene-d10	9.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
Data File : BF135139.D
Acq On : 07 Sep 2023 17:55
Operator : CG\JU
Sample : 04256-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Groundwater

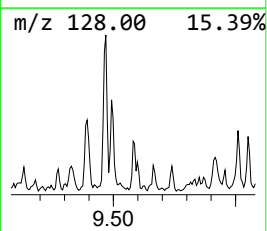
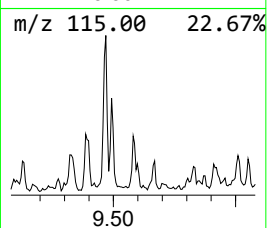
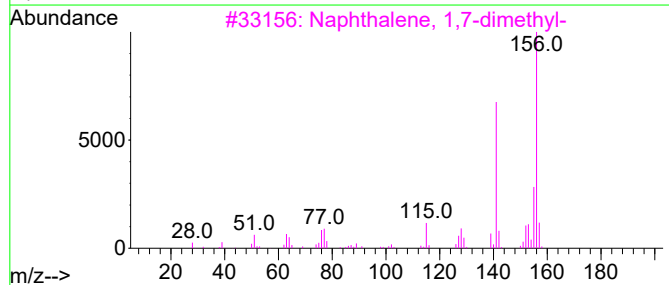
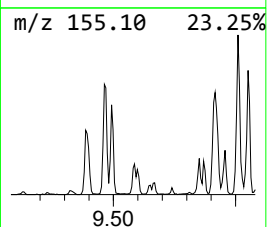
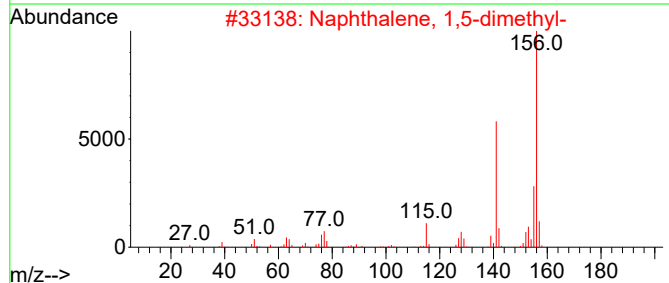
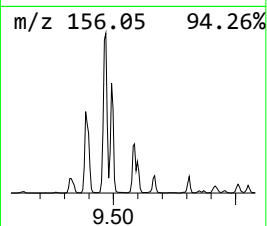
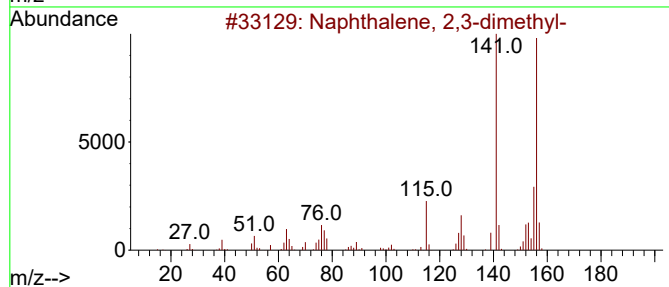
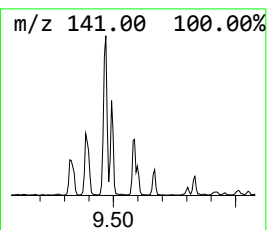
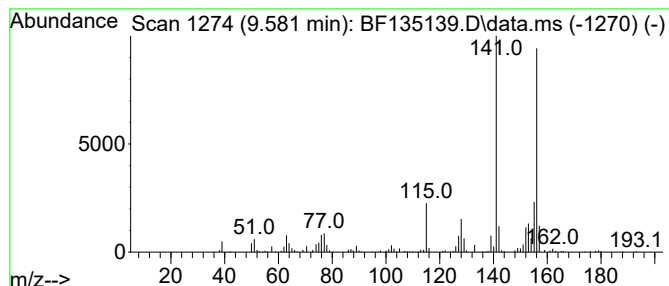
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.581	3.91 ng	191216	Acenaphthene-d10	9.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
Data File : BF135139.D
Acq On : 07 Sep 2023 17:55
Operator : CG\JU
Sample : 04256-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Groundwater

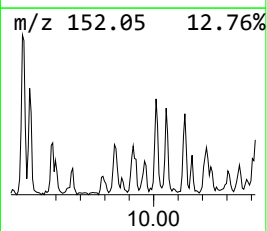
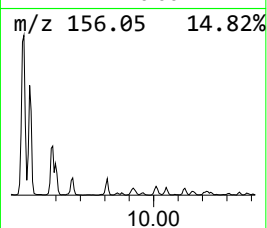
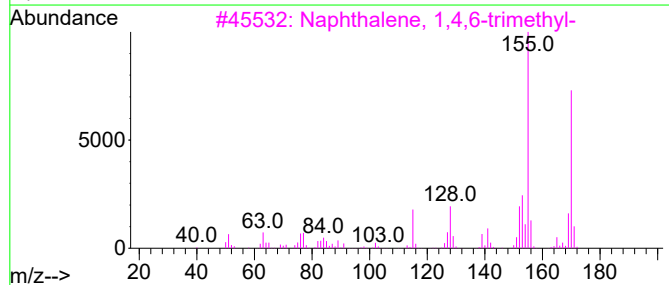
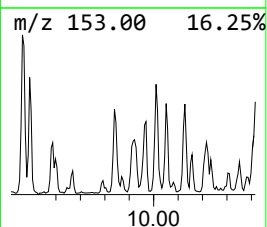
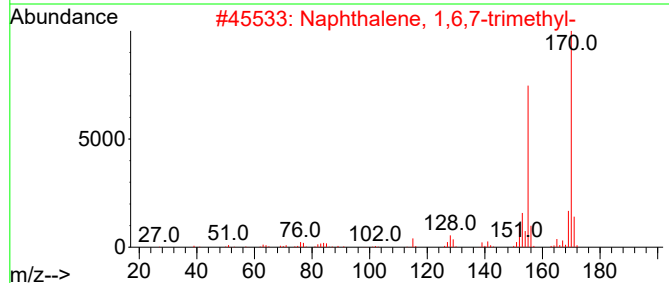
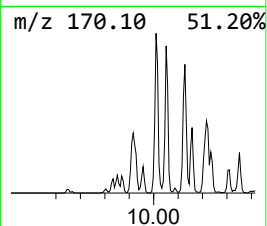
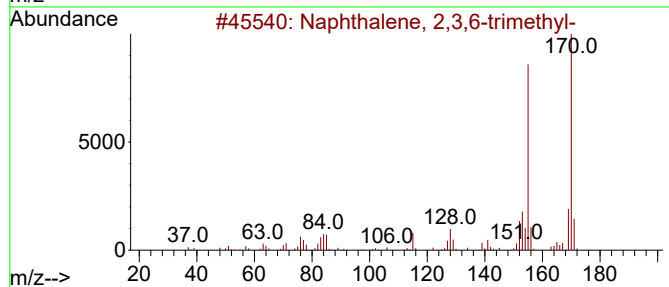
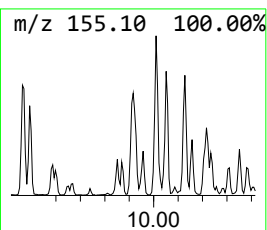
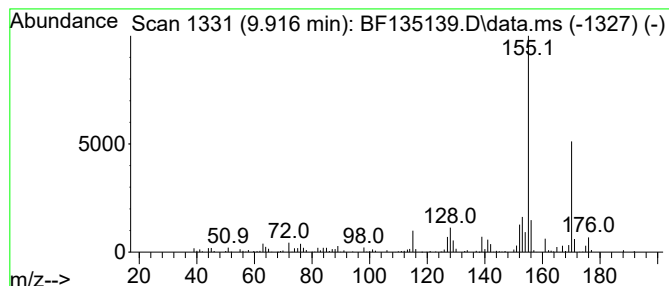
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.916	4.28 ng	209321	Acenaphthene-d10	9.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
4			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
Data File : BF135139.D
Acq On : 07 Sep 2023 17:55
Operator : CG\JU
Sample : 04256-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

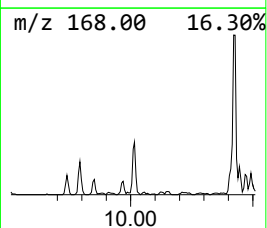
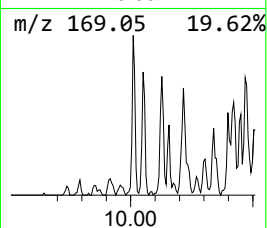
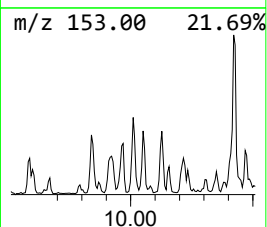
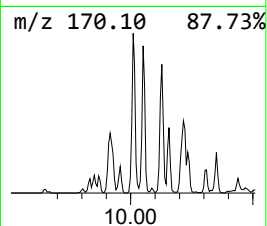
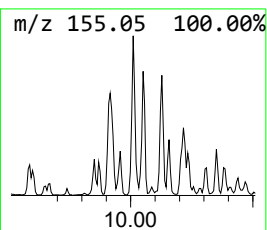
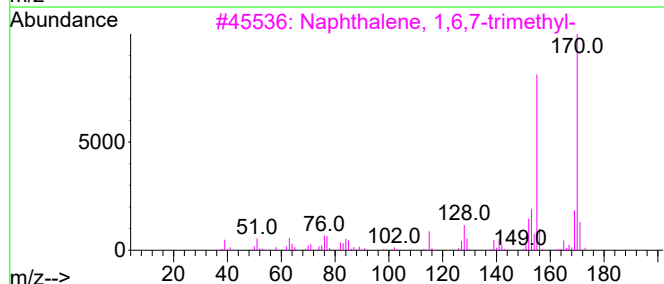
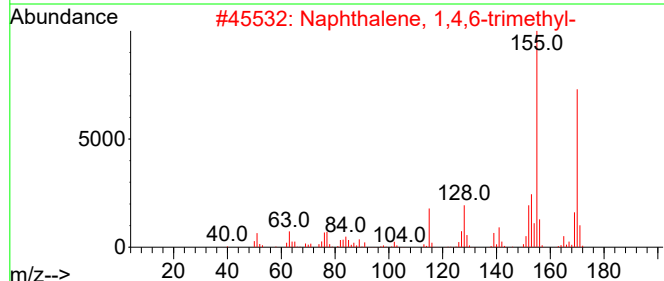
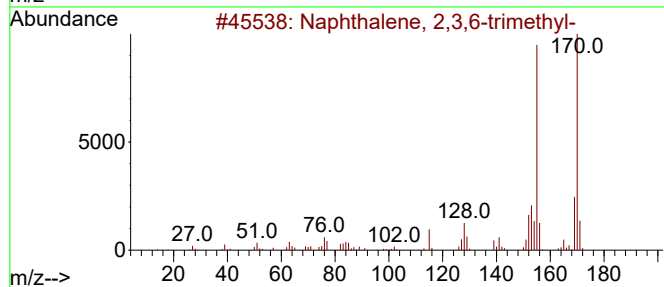
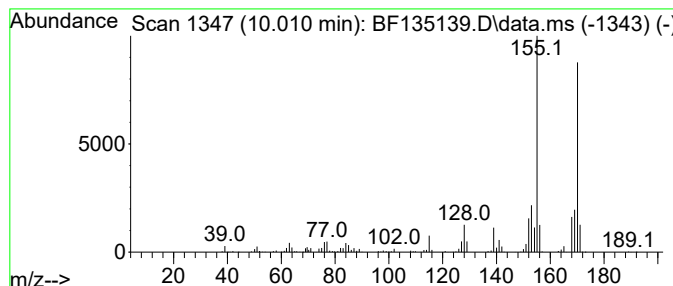
Instrument :
BNA_F
ClientSampleId :
Groundwater

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 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.010	5.42 ng	265225	Acenaphthene-d10	9.810	
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	94
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
Data File : BF135139.D
Acq On : 07 Sep 2023 17:55
Operator : CG\JU
Sample : 04256-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Groundwater

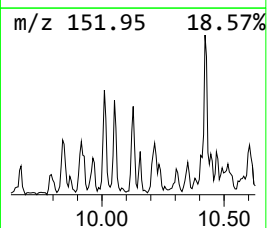
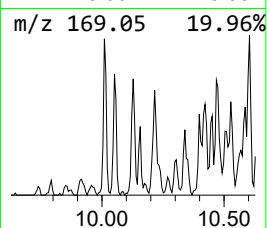
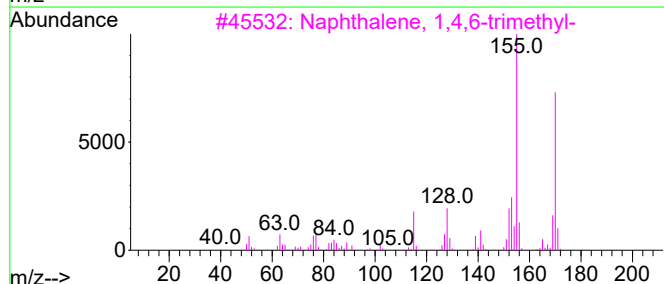
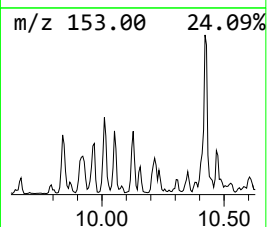
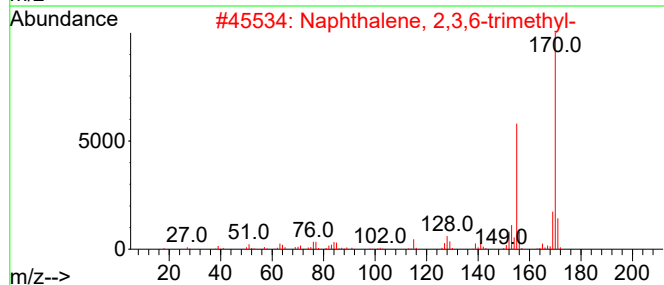
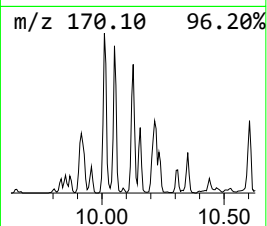
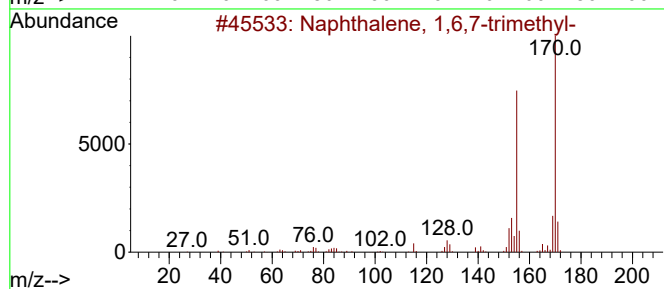
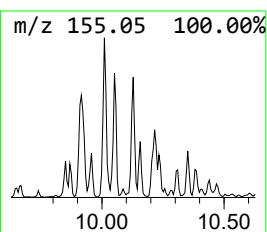
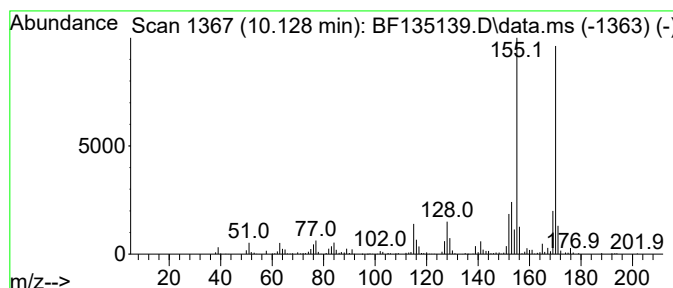
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 4,6,8-Trimethylazulene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.128	4.28 ng	209320	Acenaphthene-d10	9.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
Data File : BF135139.D
Acq On : 07 Sep 2023 17:55
Operator : CG\JU
Sample : 04256-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

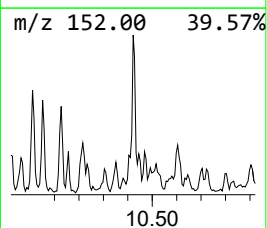
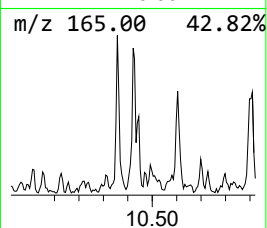
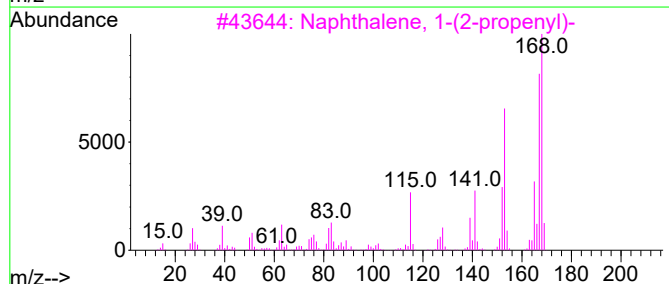
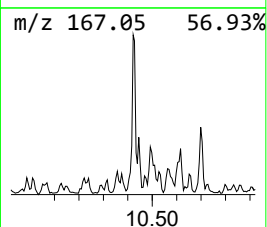
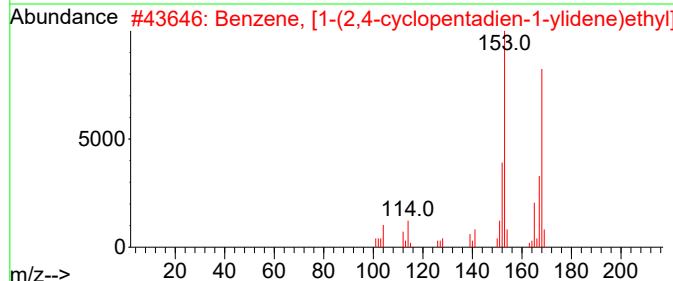
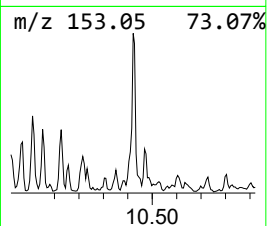
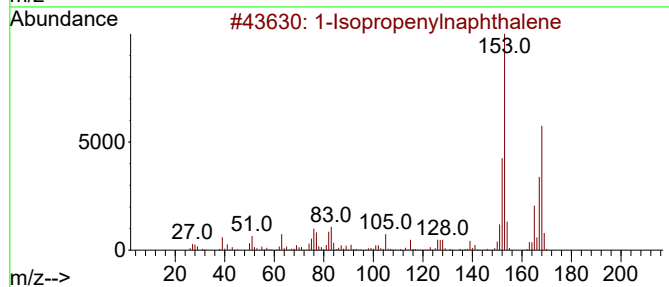
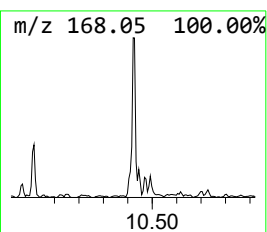
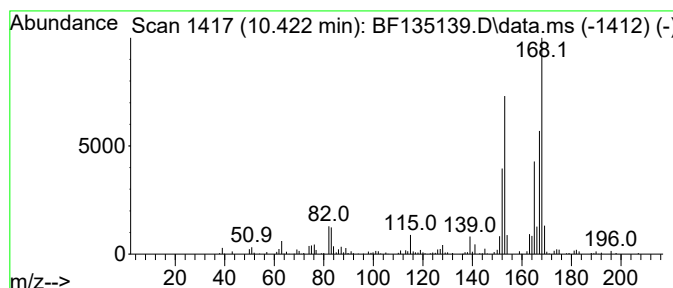
Instrument :
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ClientSampleId :
Groundwater

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 17 1-Isopropenylnaphthalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.422	4.73 ng	231096	Acenaphthene-d10	9.810	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	70
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	68
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	62
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	60
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
Data File : BF135139.D
Acq On : 07 Sep 2023 17:55
Operator : CG\JU
Sample : 04256-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Groundwater

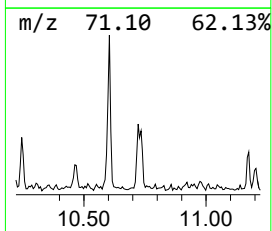
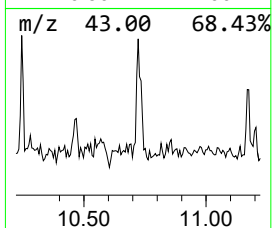
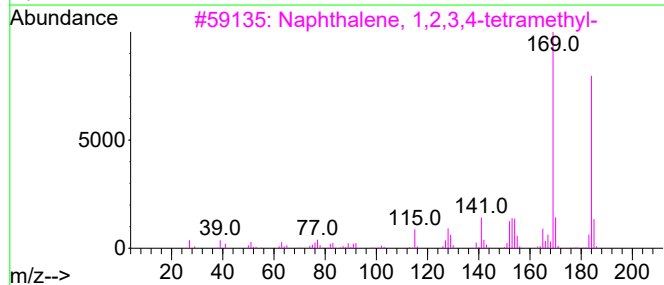
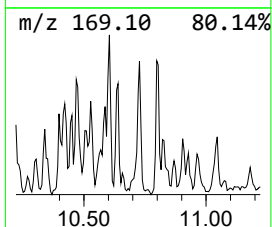
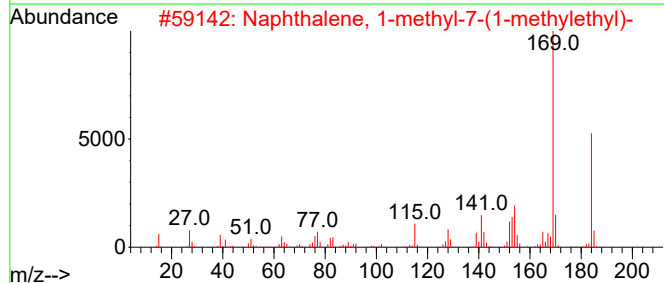
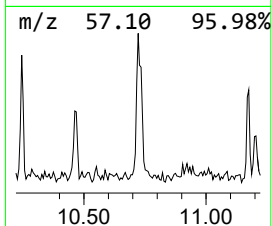
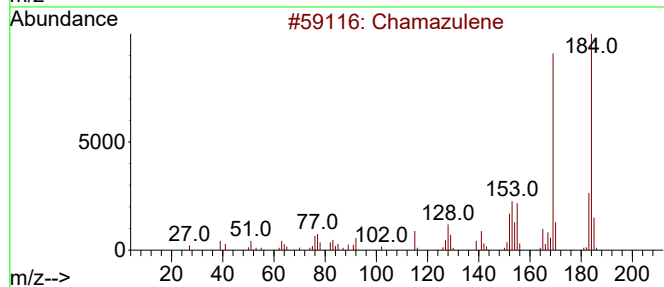
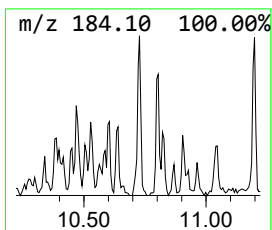
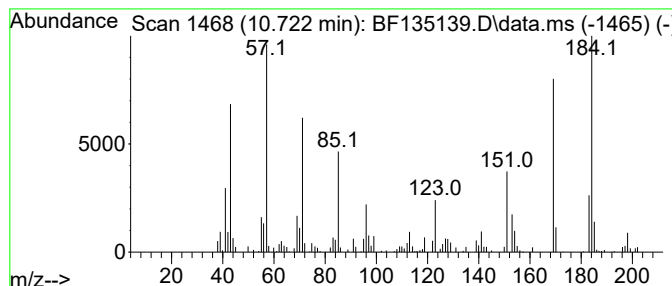
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Chamazulene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.722	3.97 ng	149809	Phenanthrene-d10	11.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Chamazulene	184	C14H16	000529-05-5	55
2			Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	50
3			Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	50
4			3,4-Dimethoxy-6-methylpyrocatechol	184	C9H12O4	054826-79-8	50
5			1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
Data File : BF135139.D
Acq On : 07 Sep 2023 17:55
Operator : CG\JU
Sample : 04256-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

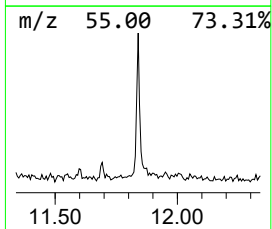
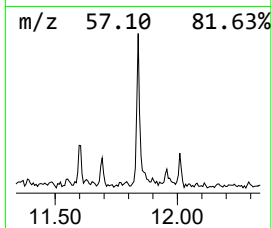
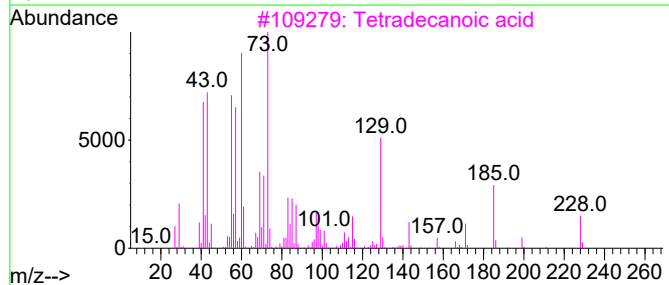
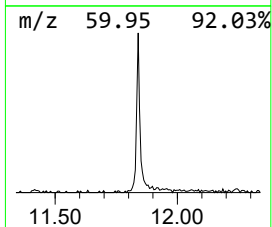
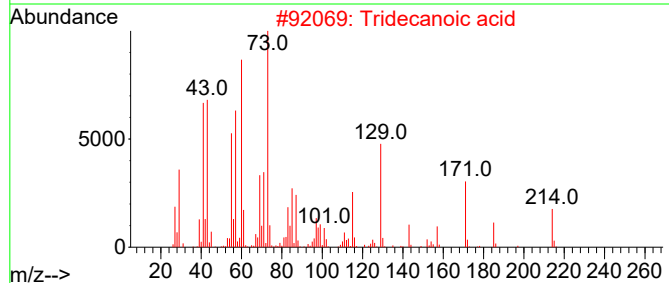
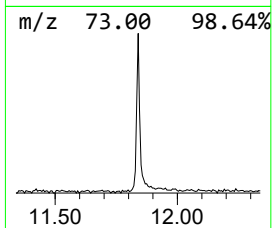
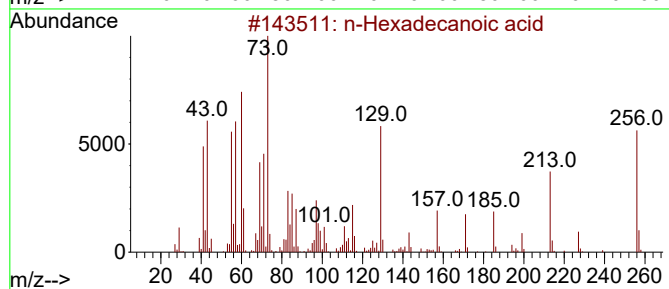
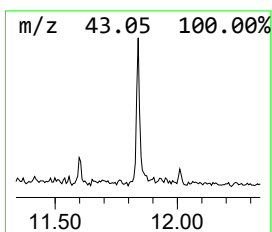
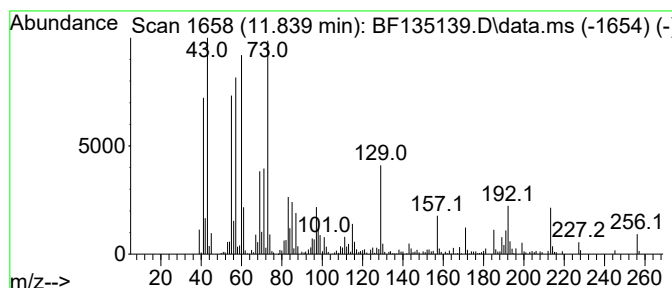
Instrument :
BNA_F
ClientSampleId :
Groundwater

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 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.839	7.32 ng	276339	Phenanthrene-d10	11.304	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
Data File : BF135139.D
Acq On : 07 Sep 2023 17:55
Operator : CG\JU
Sample : 04256-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Groundwater

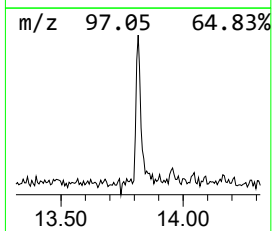
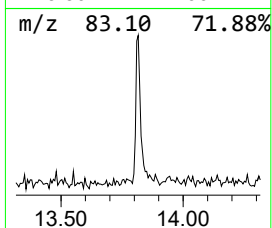
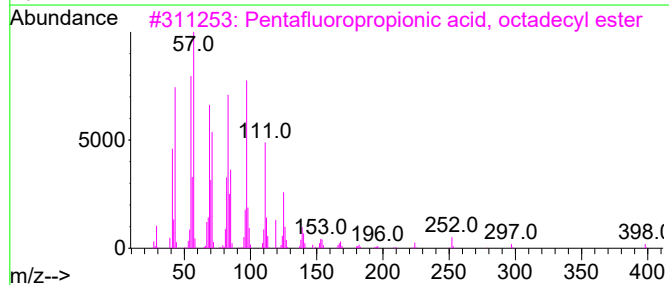
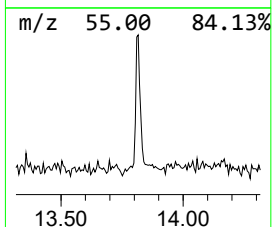
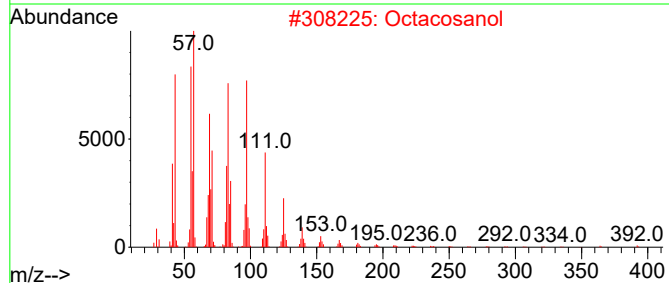
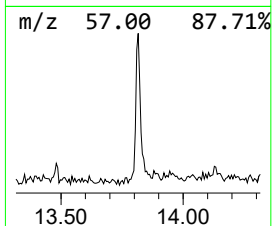
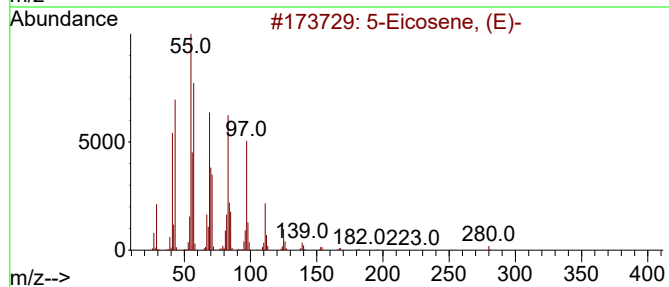
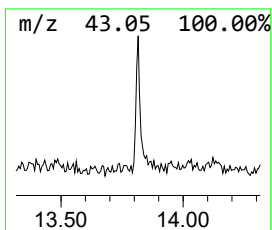
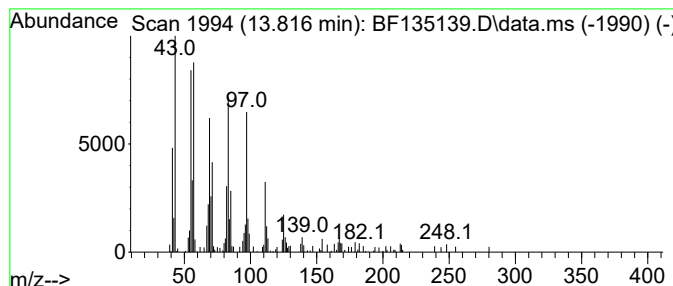
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 5-Eicosene, (E)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	4.13 ng	103419	Chrysene-d12	13.957

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2		Octacosanol	410	C28H58O	000557-61-9	94
3		Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	959261-25-7	91
4		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5		Methyl tetratriacontyl ether	509	C35H72O	1000406-30-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135139.D
 Acq On : 07 Sep 2023 17:55
 Operator : CG\JU
 Sample : 04256-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Groundwater

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

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, me...	2.875	4.6	ng	142418	1	6.769	613792	20.0
Benzene, 1,2-di...	7.087	7.5	ng	229040	1	6.769	613792	20.0
Benzene, 1-meth...	7.163	4.0	ng	123802	1	6.769	613792	20.0
Benzene, 1,2,3,...	7.540	3.7	ng	183625	2	8.051	990498	20.0
Benzene, 2-ethe...	7.787	5.5	ng	269774	2	8.051	990498	20.0
Benzothiazole	8.328	5.3	ng	262769	2	8.051	990498	20.0
2,4,7,9-Tetrame...	9.251	4.7	ng	231164	3	9.810	977937	20.0
Naphthalene, 1-...	9.328	3.6	ng	175042	3	9.810	977937	20.0
Naphthalene, 1,...	9.392	8.7	ng	427439	3	9.810	977937	20.0
Naphthalene, 2,...	9.469	13.0	ng	635659	3	9.810	977937	20.0
Naphthalene, 1,...	9.492	7.4	ng	361510	3	9.810	977937	20.0
Naphthalene, 1,...	9.581	3.9	ng	191216	3	9.810	977937	20.0
Naphthalene, 2,...	9.916	4.3	ng	209321	3	9.810	977937	20.0
Naphthalene, 1,...	10.010	5.4	ng	265225	3	9.810	977937	20.0
4,6,8-Trimethyl...	10.128	4.3	ng	209320	3	9.810	977937	20.0
1-Isopropenylna...	10.422	4.7	ng	231096	3	9.810	977937	20.0
Chamazulene	10.722	4.0	ng	149809	4	11.304	755448	20.0
n-Hexadecanoic ...	11.839	7.3	ng	276339	4	11.304	755448	20.0
5-Eicosene, (E)-	13.816	4.1	ng	103419	5	13.957	500785	20.0