

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134616.D
 Acq On : 03 Aug 2023 17:49
 Operator : CG\JU
 Sample : 03854-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BERGENFIELD-SOIL-COMP

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-BF080123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134617.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	8	13	24	rVB	57525	83849	2.59%	0.337%
2	5.028	496	500	506	rVB	60534	77708	2.40%	0.313%
3	5.428	562	568	571	rBV	3093606	3231485	100.00%	12.999%
4	6.428	733	738	741	rBV	3203354	3130055	96.86%	12.591%
5	6.622	768	771	779	rBV	87865	90633	2.80%	0.365%
6	6.798	797	801	804	rBV	1158110	898878	27.82%	3.616%
7	7.357	887	896	899	rBV	2238665	1899724	58.79%	7.642%
8	7.728	955	959	965	rBV3	25422	41044	1.27%	0.165%
9	8.034	1004	1011	1014	rBV3	38197	52750	1.63%	0.212%
10	8.075	1014	1018	1021	rBV	1367081	1074448	33.25%	4.322%
11	8.422	1075	1077	1081	rBV	50157	38138	1.18%	0.153%
12	8.569	1097	1102	1106	rBV	75092	76231	2.36%	0.307%
13	8.728	1123	1129	1137	rBV9	19698	41113	1.27%	0.165%
14	8.787	1137	1139	1142	rBV2	41251	45239	1.40%	0.182%
15	8.845	1146	1149	1154	rVV5	30071	42485	1.31%	0.171%
16	8.981	1169	1172	1174	rBV	61539	50675	1.57%	0.204%
17	9.087	1185	1190	1194	rVB	69214	75636	2.34%	0.304%
18	9.151	1197	1201	1204	rBV	3526046	3092147	95.69%	12.439%
19	9.269	1219	1221	1226	rVB2	52154	53235	1.65%	0.214%
20	9.416	1243	1246	1250	rVB3	31497	35445	1.10%	0.143%
21	9.498	1256	1260	1261	rBV2	33496	37465	1.16%	0.151%
22	9.686	1289	1292	1297	rVB	34898	36362	1.13%	0.146%
23	9.828	1312	1316	1320	rBV	1237118	1053131	32.59%	4.236%
24	9.898	1324	1328	1336	rVV2	68859	81014	2.51%	0.326%
25	10.034	1347	1351	1355	rBV2	40423	37881	1.17%	0.152%
26	10.239	1381	1386	1388	rBV4	24996	35838	1.11%	0.144%
27	10.322	1396	1400	1402	rBV	111514	89803	2.78%	0.361%
28	10.545	1431	1438	1441	rBV	108567	114246	3.54%	0.460%
29	10.586	1441	1445	1447	rVV2	53286	52161	1.61%	0.210%
30	10.622	1447	1451	1454	rVB	1970561	1803005	55.79%	7.253%
31	10.745	1469	1472	1475	rBV	40701	42930	1.33%	0.173%
32	10.922	1499	1502	1506	rBV	125048	102060	3.16%	0.411%
33	11.316	1566	1569	1572	rBV	1154763	1084382	33.56%	4.362%
34	11.339	1572	1573	1577	rVB	105078	68593	2.12%	0.276%
35	11.392	1579	1582	1585	rVB	48997	44559	1.38%	0.179%
36	11.857	1657	1661	1665	rBV2	436395	384329	11.89%	1.546%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.533	1772	1776	1779	rBV	363675	309929	9.59%	1.247%
38	12.645	1792	1795	1800	rBV2	68992	63695	1.97%	0.256%
39	12.763	1809	1815	1819	rBV	326056	340680	10.54%	1.370%
40	12.916	1837	1841	1844	rBV	3154761	2886190	89.31%	11.610%
41	13.157	1880	1882	1885	rVB2	59784	47616	1.47%	0.192%
42	13.822	1992	1995	2004	rVB2	420056	442982	13.71%	1.782%
43	13.963	2015	2019	2022	rBV2	810429	805000	24.91%	3.238%
44	13.992	2022	2024	2027	rVB	115233	88629	2.74%	0.357%
45	14.457	2100	2103	2110	rBV2	131977	187480	5.80%	0.754%
46	15.433	2265	2269	2275	rBV	382713	487665	15.09%	1.962%

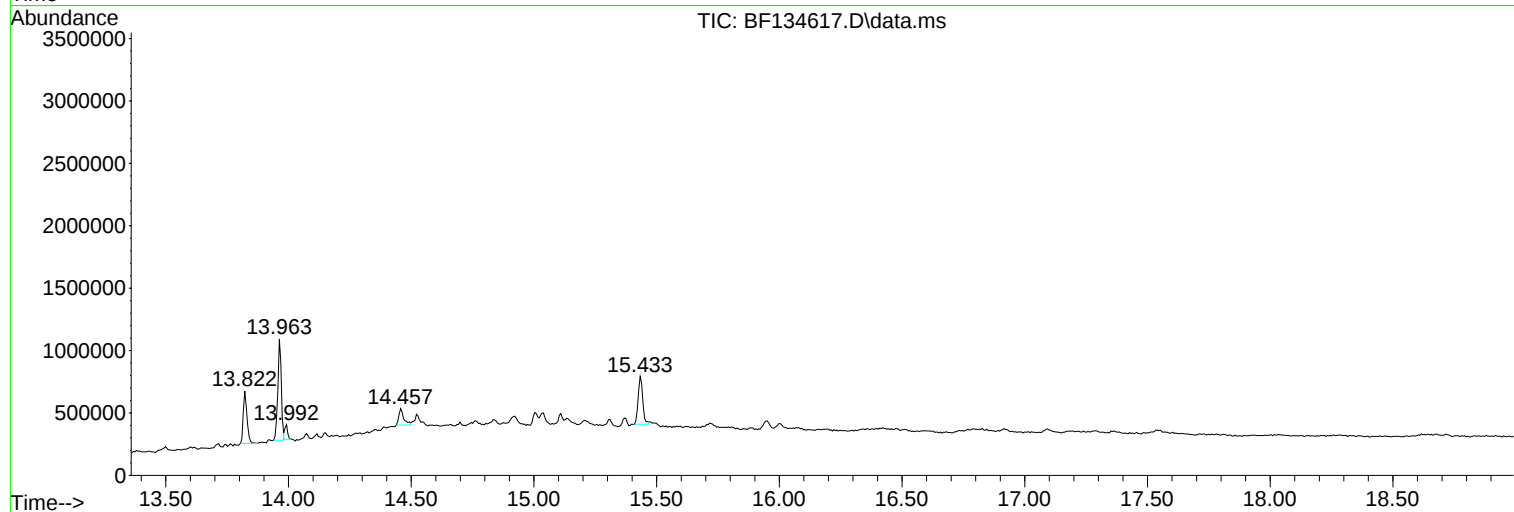
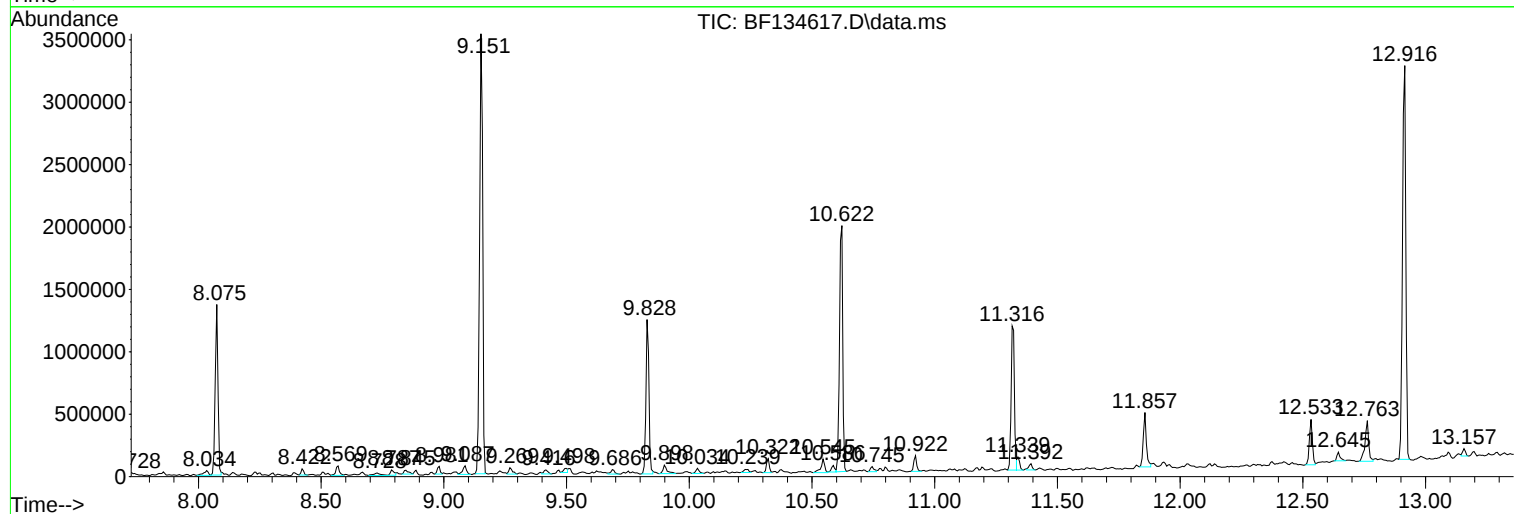
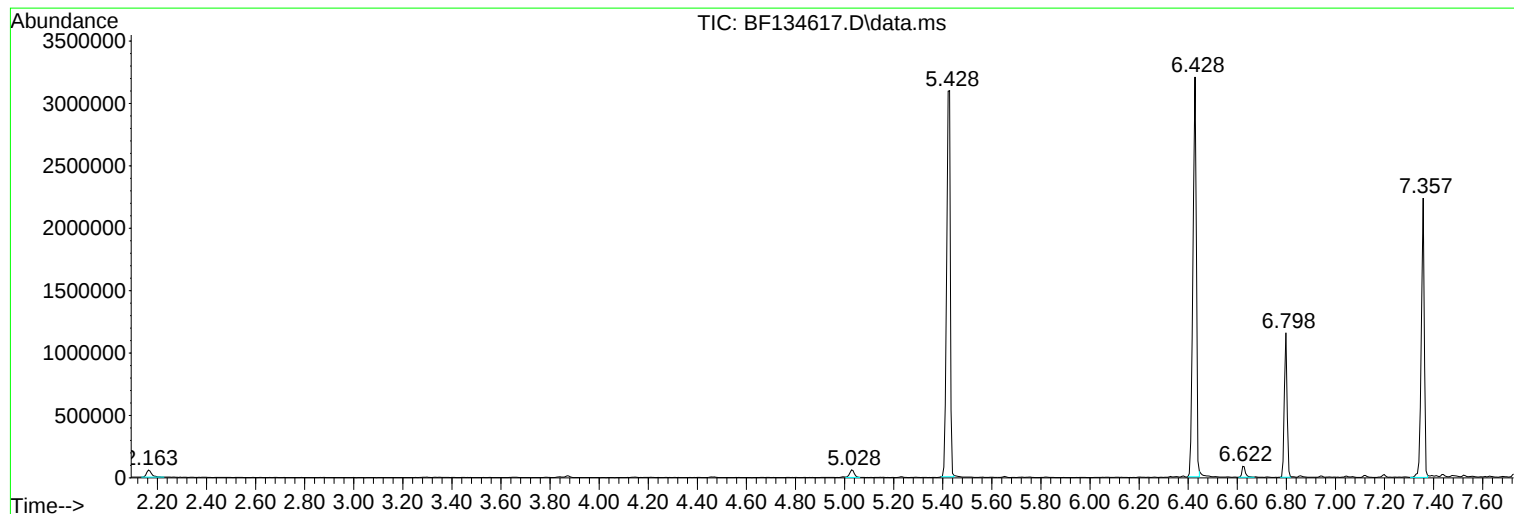
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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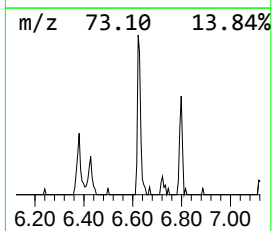
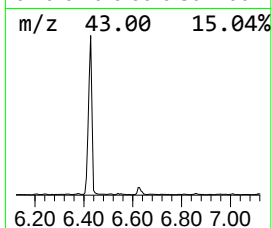
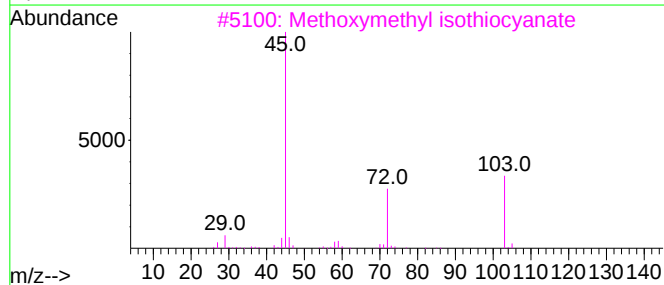
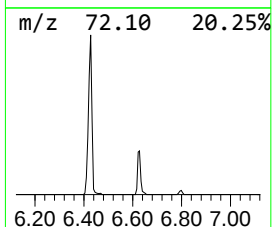
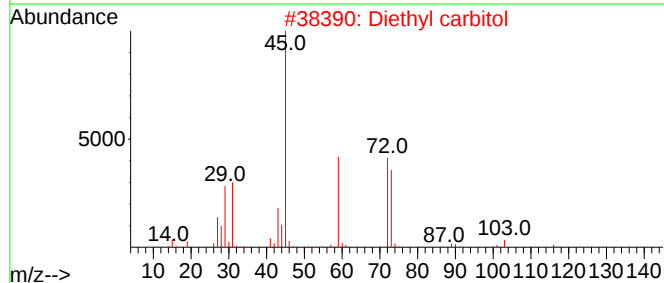
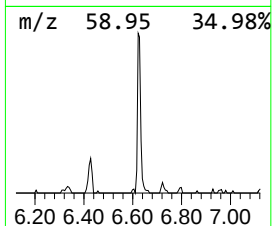
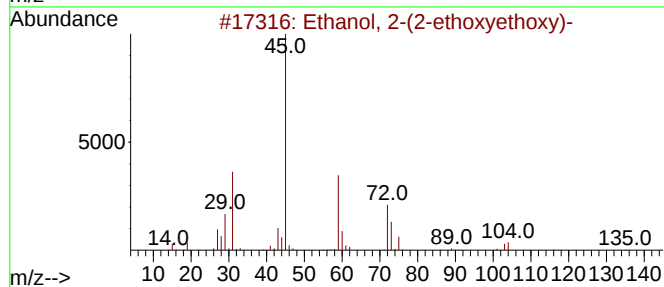
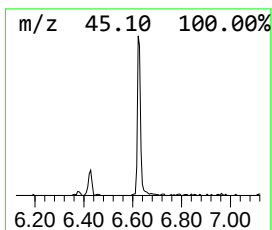
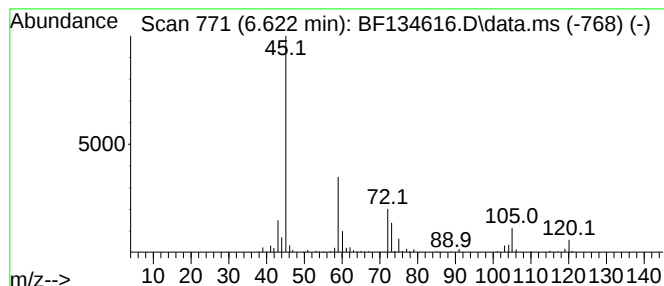
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.622	2.02 ng	90633	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	78
2			Diethyl carbitol	162	C8H18O3	000112-36-7	64
3			Methoxymethyl isothiocyanate	103	C3H5NOS	019900-84-6	50
4			Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	45
5			2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	42



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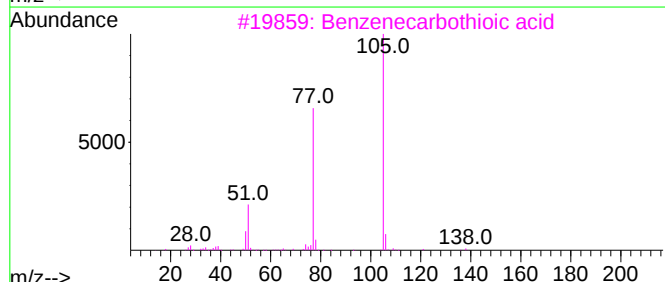
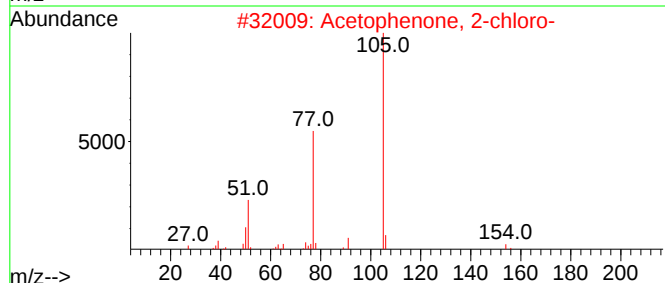
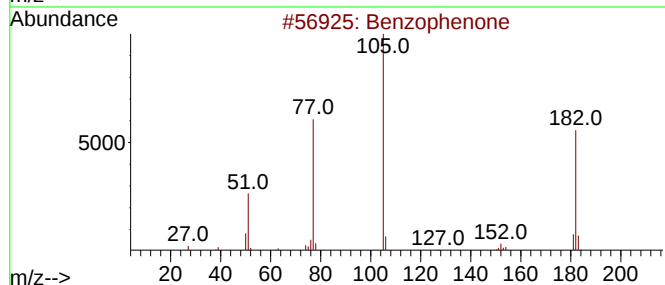
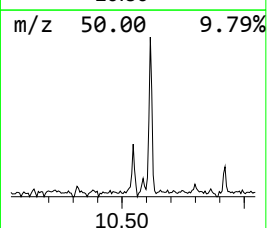
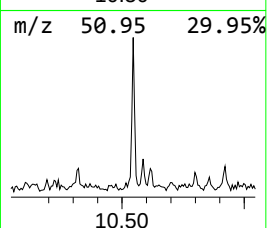
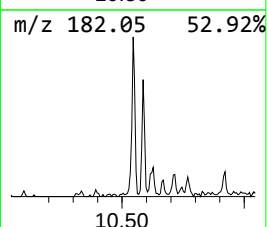
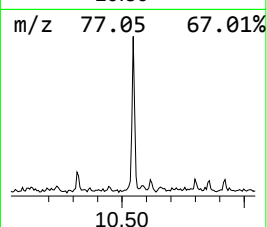
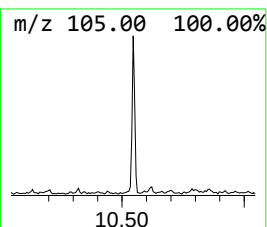
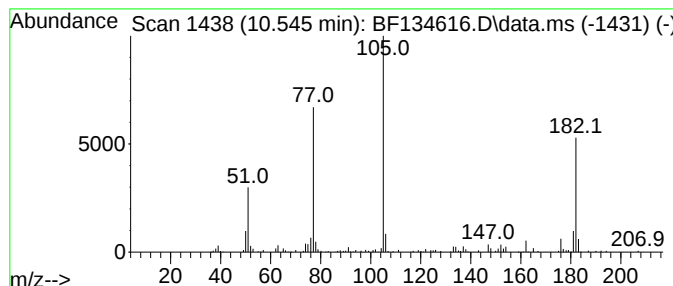
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.545	2.17 ng	114246	Acenaphthene-d10	9.828

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	43
3			Benzenecarbothioic acid	138	C7H6OS	000098-91-9	43
4			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	43
5			1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	43



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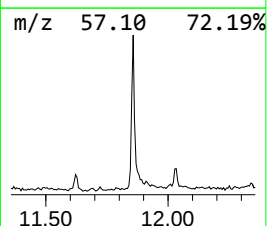
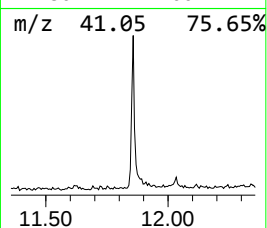
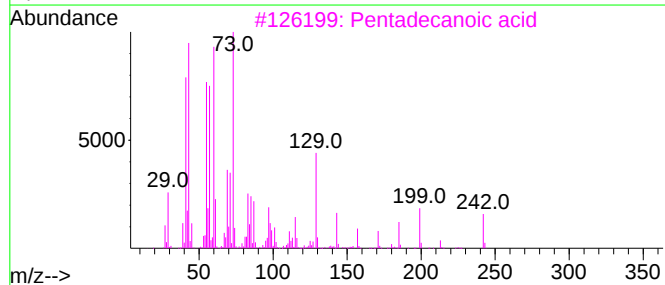
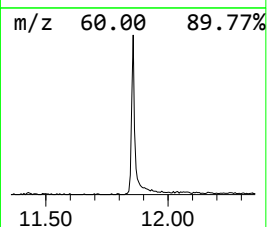
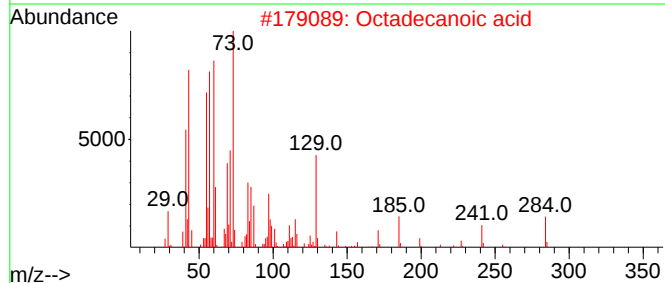
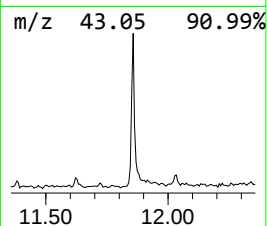
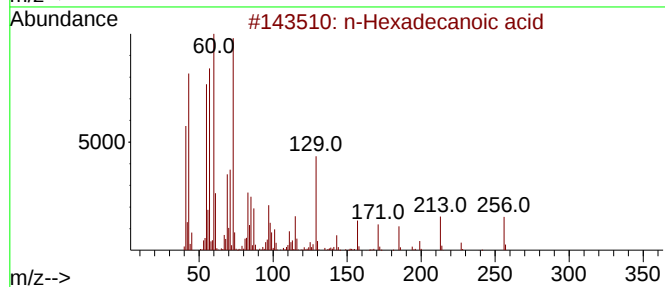
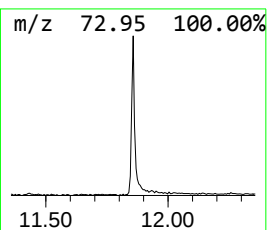
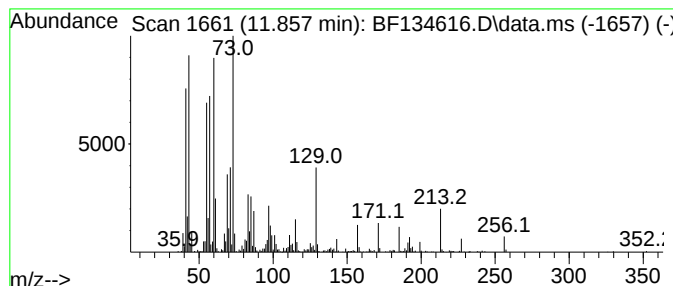
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	7.09 ng	384329	Phenanthrene-d10	11.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



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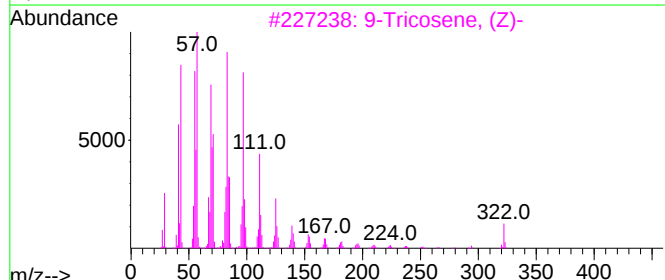
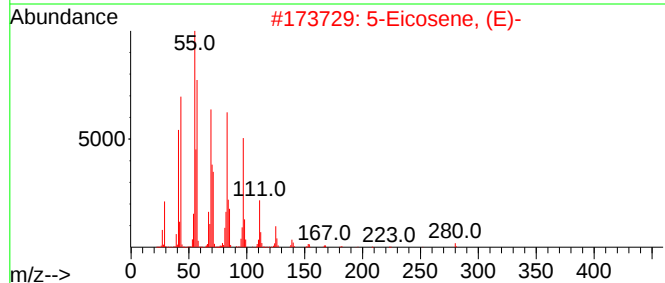
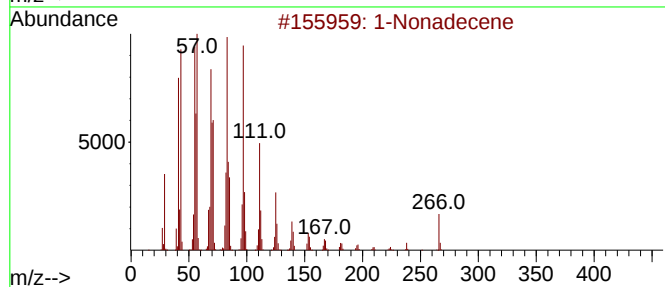
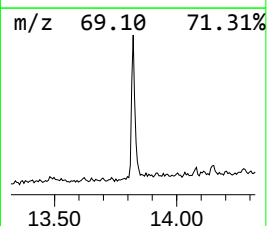
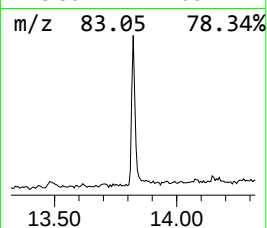
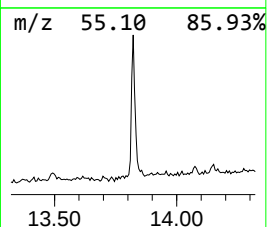
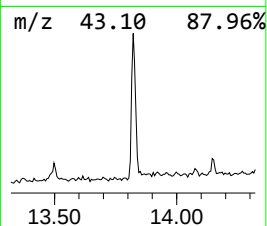
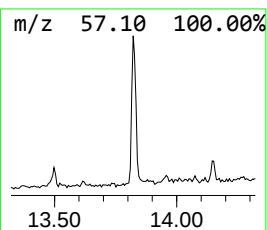
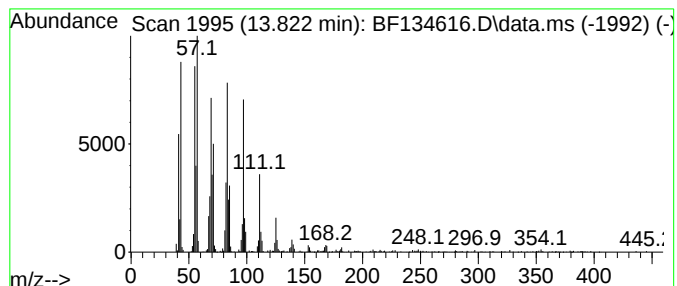
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1-Nonadecene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.822	11.01 ng	442982	Chrysene-d12	13.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene			266	C19H38	018435-45-5	98
2	5-Eicosene, (E)-			280	C20H40	074685-30-6	97
3	9-Tricosene, (Z)-			322	C23H46	027519-02-4	94
4	1-Hexacosanol			382	C26H54O	000506-52-5	94
5	1-Hexacosene			364	C26H52	018835-33-1	94



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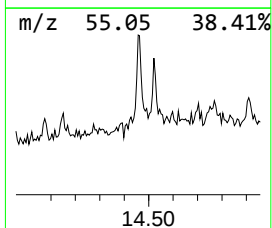
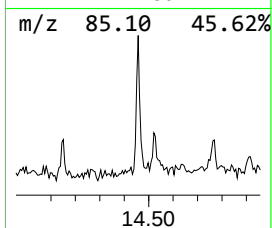
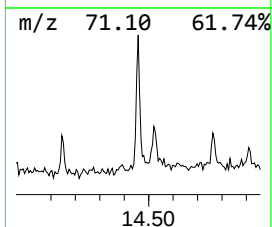
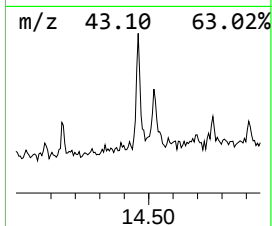
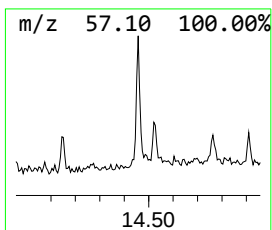
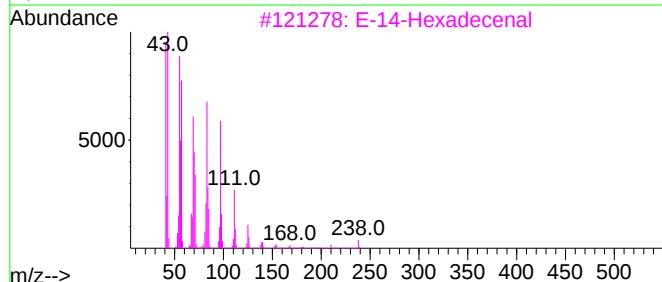
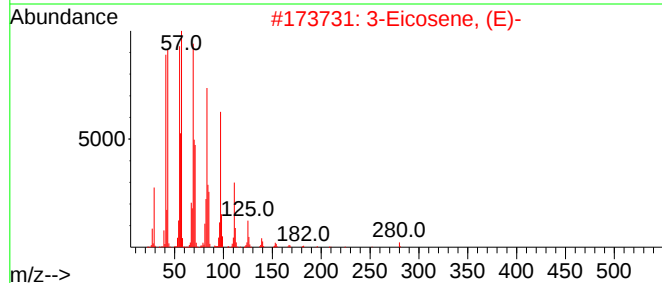
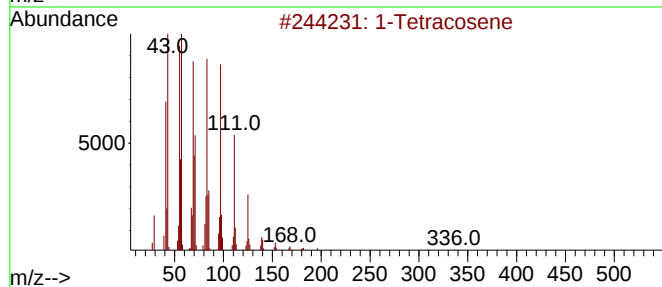
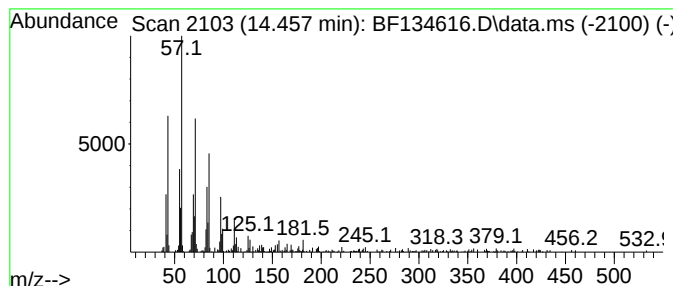
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Tetracosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.457	4.66 ng	187480	Chrysene-d12	13.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Tetracosene	336	C24H48	010192-32-2	93
2			3-Eicosene, (E)-	280	C20H40	074685-33-9	93
3			E-14-Hexadecenal	238	C16H30O	330207-53-9	92
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
5			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
Data File : BF134616.D
Acq On : 03 Aug 2023 17:49
Operator : CG\JU
Sample : 03854-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BERGENFIELD-SOIL-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethanol, 2-(2-e...	6.622	2.0	ng	90633	1	6.798	898878	20.0
Benzophenone	10.545	2.2	ng	114246	3	9.828	1053130	20.0
n-Hexadecanoic ...	11.857	7.1	ng	384329	4	11.316	1084380	20.0
1-Nonadecene	13.822	11.0	ng	442982	5	13.963	805000	20.0
1-Tetracosene	14.457	4.7	ng	187480	5	13.963	805000	20.0