

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
 Data File : BF143335.D
 Acq On : 06 Aug 2025 17:41
 Operator : RC/JU
 Sample : Q2780-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

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-BF071725.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143335.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.281	9	15	22	rVB	271406	427210	19.12%	3.605%
2	5.187	503	509	520	rBV	61414	84456	3.78%	0.713%
3	5.592	573	578	591	rBV	571952	758046	33.93%	6.398%
4	6.587	742	747	755	rBV	551302	713839	31.95%	6.024%
5	6.963	806	811	817	rVB	386347	494156	22.12%	4.170%
6	7.110	824	836	840	rBV5	12858	30190	1.35%	0.255%
7	7.239	847	858	865	rVB2	12308	30247	1.35%	0.255%
8	7.516	890	905	916	rBV	360344	500891	22.42%	4.227%
9	8.239	1023	1028	1035	rBV	483650	644425	28.84%	5.439%
10	9.316	1205	1211	1221	rBV	516558	675911	30.25%	5.704%
11	9.657	1261	1269	1276	rBV2	18186	36852	1.65%	0.311%
12	9.775	1285	1289	1299	rVB2	10850	24553	1.10%	0.207%
13	9.857	1299	1303	1308	rBV	16641	26342	1.18%	0.222%
14	9.998	1322	1327	1331	rBV	445442	560544	25.09%	4.731%
15	10.027	1331	1332	1341	rVB	43128	48021	2.15%	0.405%
16	10.198	1357	1361	1365	rBV	20252	26583	1.19%	0.224%
17	10.404	1391	1396	1403	rBV6	12817	29542	1.32%	0.249%
18	10.545	1416	1420	1426	rBV	54554	69189	3.10%	0.584%
19	10.704	1443	1447	1452	rVB	39723	51396	2.30%	0.434%
20	10.786	1456	1461	1475	rVV	329817	446946	20.00%	3.772%
21	10.910	1475	1482	1488	rVB3	19887	37981	1.70%	0.321%
22	11.380	1552	1562	1568	rVB5	23988	54862	2.46%	0.463%
23	11.486	1575	1580	1583	rBV	428097	632170	28.29%	5.335%
24	11.563	1589	1593	1596	rVB	46922	56272	2.52%	0.475%
25	12.004	1662	1668	1675	rBV3	87171	203777	9.12%	1.720%
26	12.104	1681	1685	1692	rVB2	73662	134219	6.01%	1.133%
27	12.227	1702	1706	1712	rBV6	24689	47015	2.10%	0.397%
28	12.280	1712	1715	1718	rBV	21847	30506	1.37%	0.257%
29	12.433	1737	1741	1744	rBV3	36667	52932	2.37%	0.447%
30	12.704	1782	1787	1791	rBV	319592	404397	18.10%	3.413%
31	12.739	1791	1793	1799	rVB4	32771	47361	2.12%	0.400%
32	12.933	1819	1826	1832	rBV	270733	441354	19.75%	3.725%
33	13.068	1844	1849	1854	rVB	503109	631871	28.28%	5.333%
34	13.210	1870	1873	1877	rBV	67135	82990	3.71%	0.700%
35	13.257	1877	1881	1885	rVB	57488	76928	3.44%	0.649%
36	13.321	1889	1892	1896	rBV	54264	79167	3.54%	0.668%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143335.D
Acq On : 06 Aug 2025 17:41
Operator : RC/JU
Sample : Q2780-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

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-BF071725.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.574	1932	1935	1938	rBV	40619	45852	2.05%	0.387%
38	14.127	2022	2029	2041	rVB2	829139	2234317	100.00%	18.856%
39	15.192	2207	2210	2225	rVB	113073	310364	13.89%	2.619%
40	15.639	2281	2286	2299	rVB	298772	565411	25.31%	4.772%

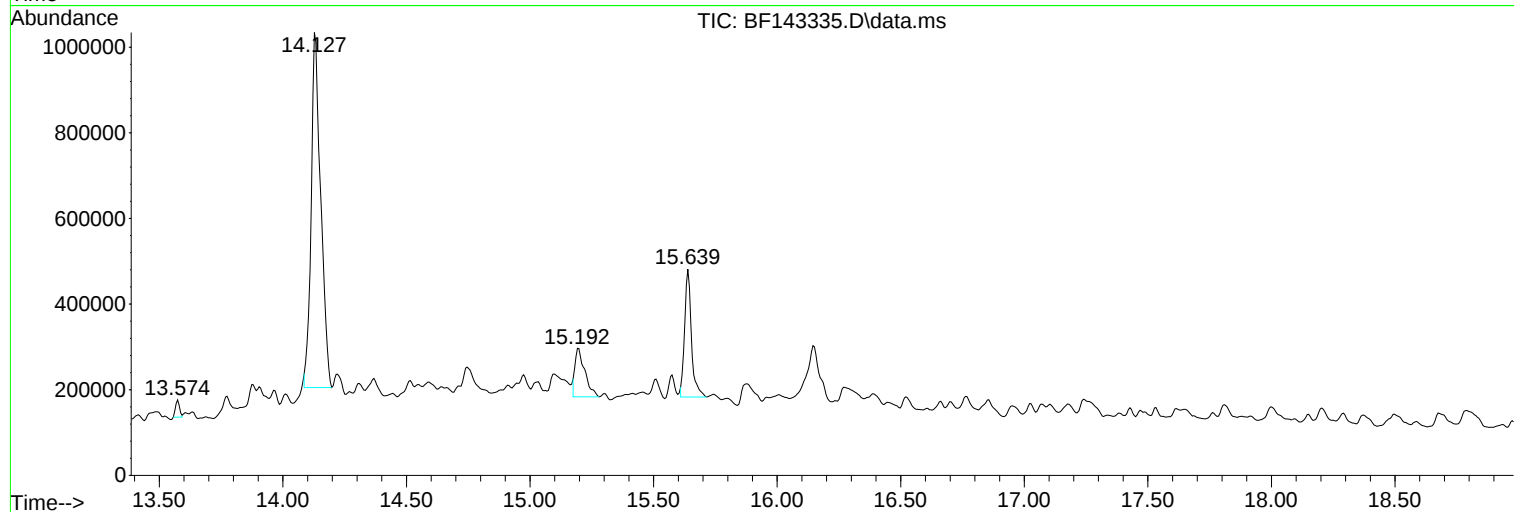
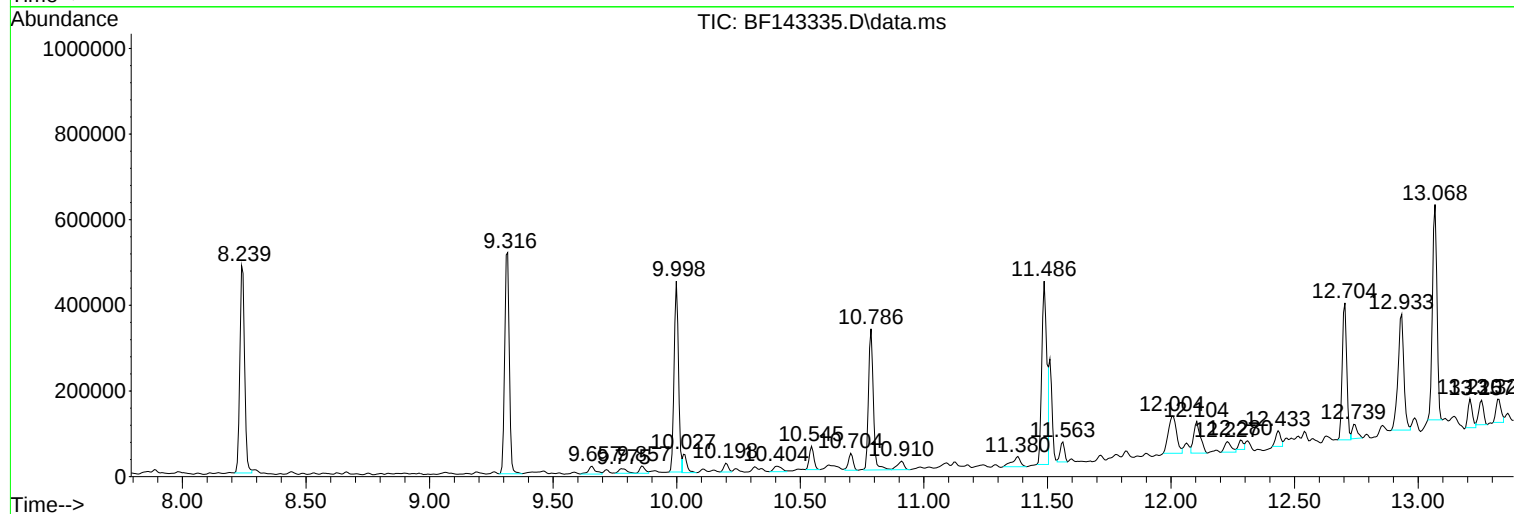
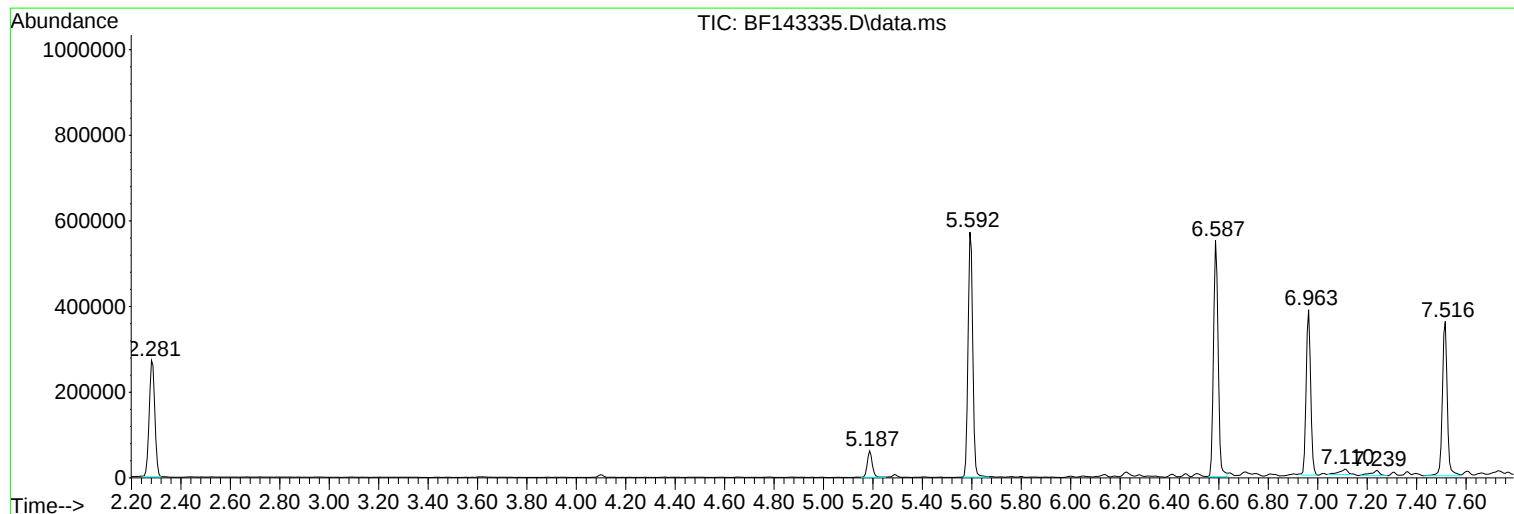
Sum of corrected areas: 11849085

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143335.D
Acq On : 06 Aug 2025 17:41
Operator : RC/JU
Sample : Q2780-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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\BF080625\
Data File : BF143335.D
Acq On : 06 Aug 2025 17:41
Operator : RC/JU
Sample : Q2780-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

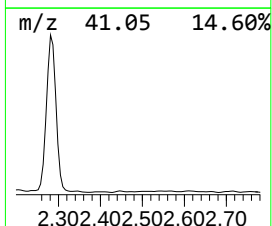
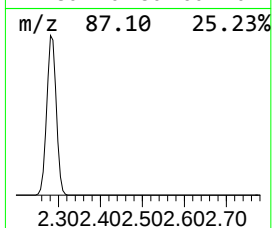
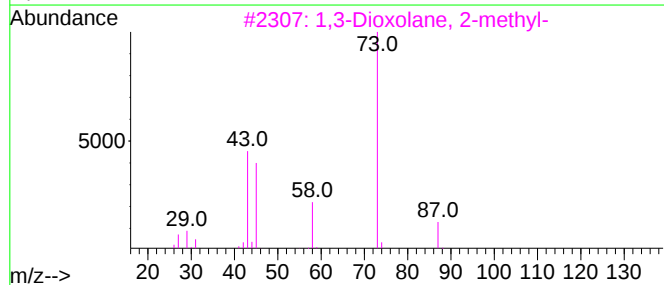
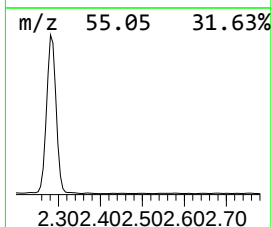
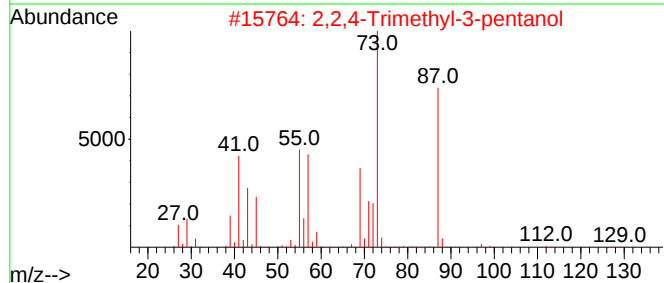
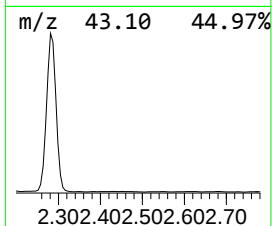
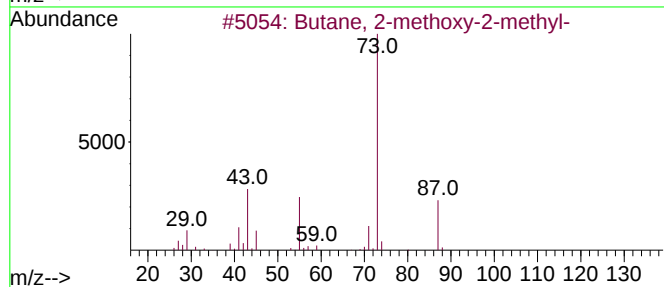
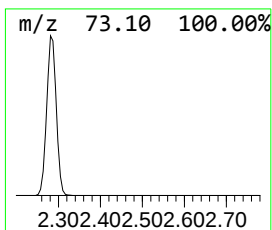
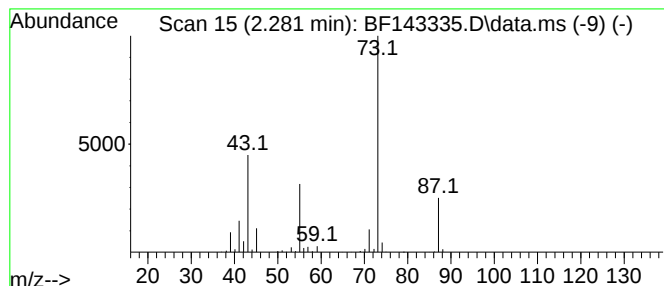
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.281	17.29 ng	427210	1,4-Dichlorobenzene-d4	6.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143335.D
Acq On : 06 Aug 2025 17:41
Operator : RC/JU
Sample : Q2780-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

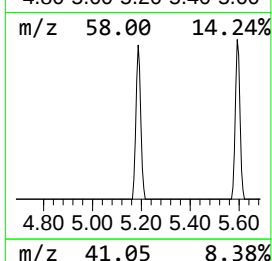
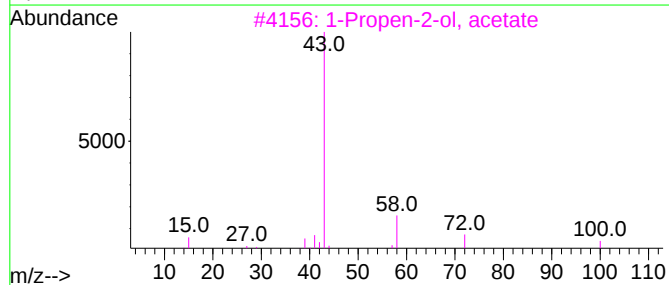
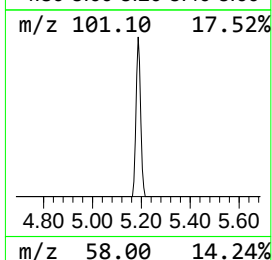
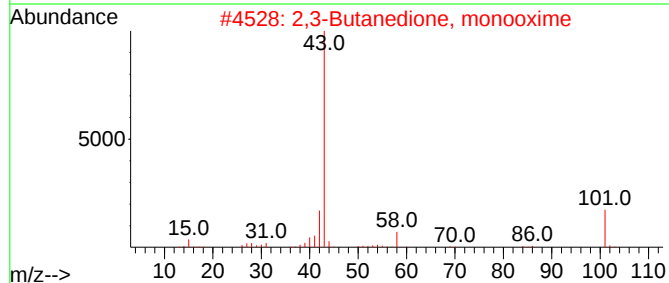
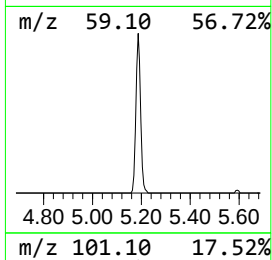
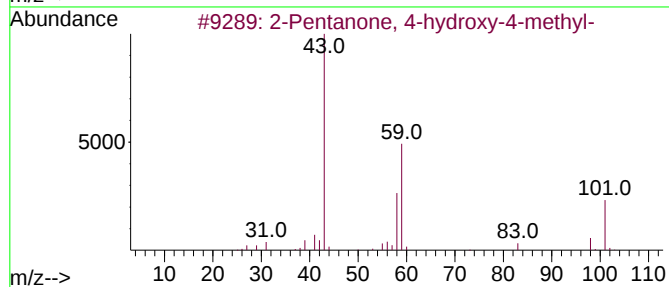
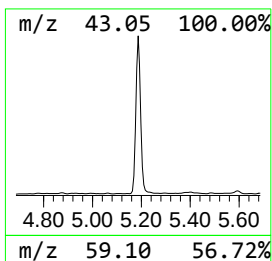
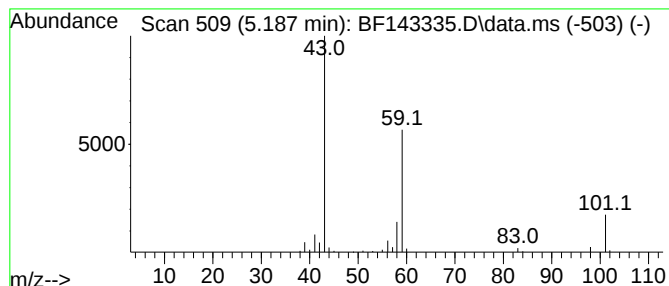
Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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 4

R.T.	EstConc	Area	Relative to ISTD			R.T.
5.187	3.42 ng	84456	1,4-Dichlorobenzene-d4			6.963
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-		116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime		101	C4H7NO2	000057-71-6	27
3	1-Propen-2-ol, acetate		100	C5H8O2	000108-22-5	12
4	Morpholine, 4-methyl-		101	C5H11NO	000109-02-4	9
5	1,2-Butanediol		90	C4H10O2	000584-03-2	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143335.D
Acq On : 06 Aug 2025 17:41
Operator : RC/JU
Sample : Q2780-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

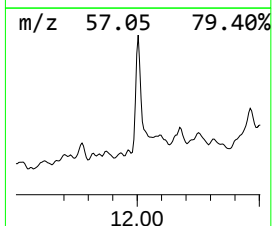
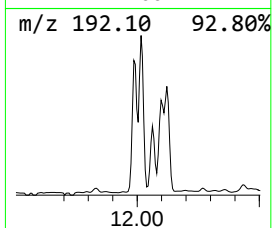
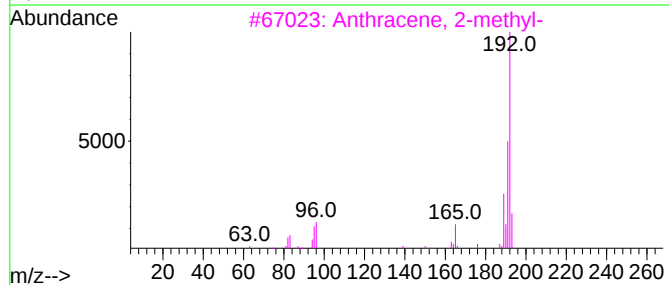
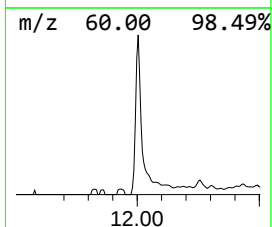
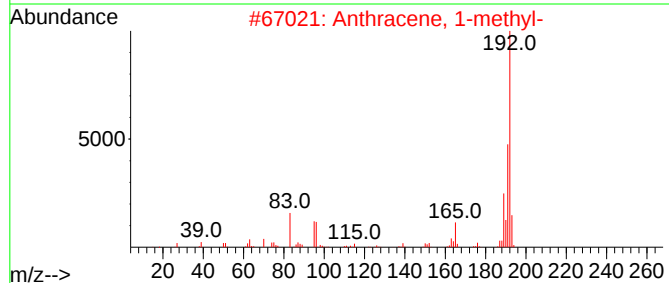
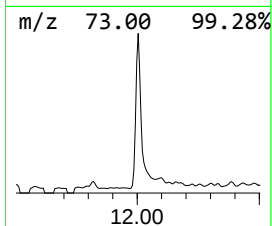
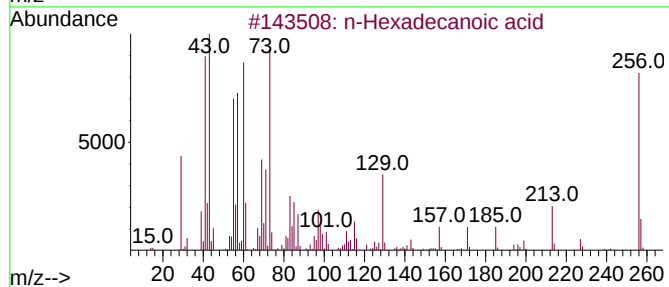
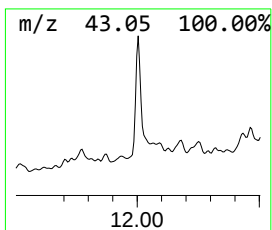
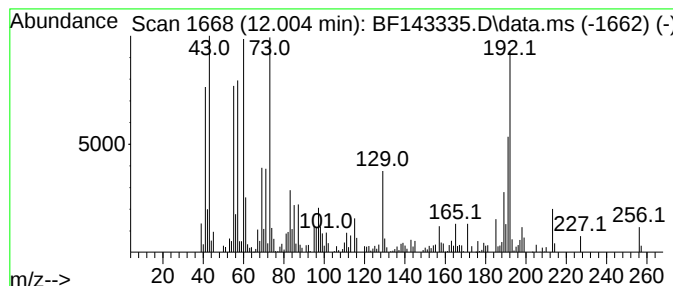
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
12.004	6.45 ng	203777	Phenanthrene-d10	11.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	66
4			Tridecanoic acid	214	C13H26O2	000638-53-9	62
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143335.D
Acq On : 06 Aug 2025 17:41
Operator : RC/JU
Sample : Q2780-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

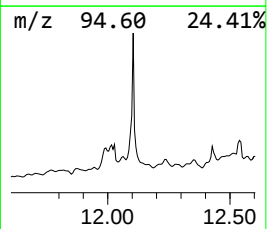
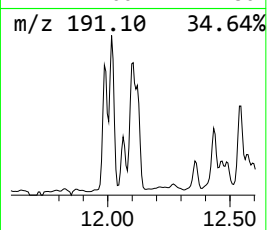
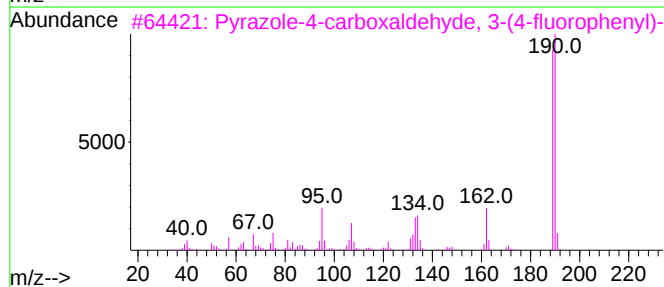
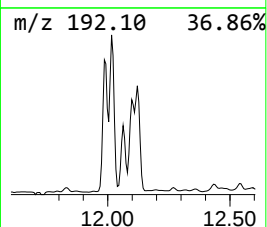
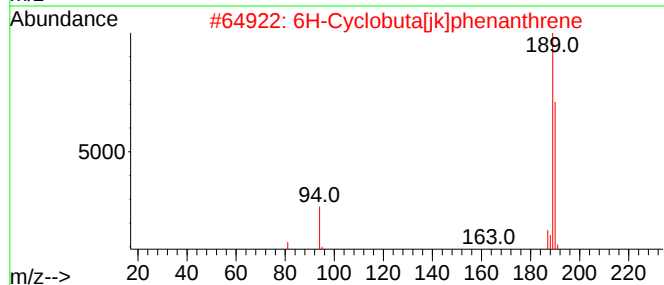
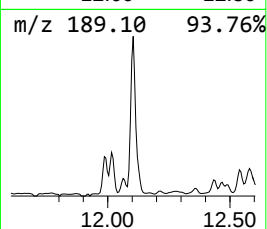
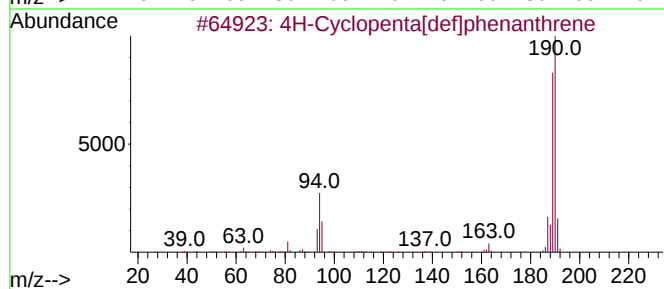
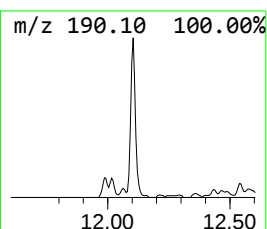
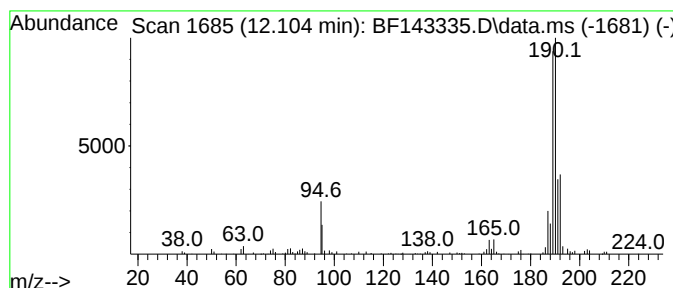
Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.104	4.25 ng	134219	Phenanthrene-d10	11.486	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	Benzo[1,2-b:4,3-b']dithiophene	190	C10H6S2	000210-80-0	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
Data File : BF143335.D
Acq On : 06 Aug 2025 17:41
Operator : RC/JU
Sample : Q2780-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.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
Butane, 2-metho...	2.281	17.3	ng	427210	1	6.963	494156	20.0
2-Pentanone, 4-...	5.187	3.4	ng	84456	1	6.963	494156	20.0
n-Hexadecanoic ...	12.004	6.5	ng	203777	4	11.486	632170	20.0
4H-Cyclopenta[d...	12.104	4.3	ng	134219	4	11.486	632170	20.0