

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
 Data File : BF142036.D
 Acq On : 21 Mar 2025 18:20
 Operator : RC/JU
 Sample : Q1611-01 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200030

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: BF142036.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	6	19	rVB	386612	590716	40.35%	4.276%
2	4.469	397	404	411	rBV	82972	124923	8.53%	0.904%
3	5.081	498	508	517	rBV2	19591	35702	2.44%	0.258%
4	5.487	571	577	597	rBV	855844	1184133	80.89%	8.572%
5	6.492	742	748	768	rBV	845746	1112174	75.98%	8.051%
6	6.875	807	813	820	rBV	647720	815355	55.70%	5.903%
7	7.428	898	907	918	rBV	581754	782449	53.45%	5.664%
8	7.510	918	921	937	rVB7	7451	20104	1.37%	0.146%
9	7.686	946	951	956	rBV2	17423	24651	1.68%	0.178%
10	8.157	1025	1031	1055	rVB	727948	997589	68.15%	7.222%
11	9.057	1175	1184	1189	rBV10	5513	17195	1.17%	0.124%
12	9.228	1207	1213	1223	rBV	1142262	1463826	100.00%	10.597%
13	9.304	1223	1226	1232	rVB	13060	19853	1.36%	0.144%
14	9.622	1277	1280	1288	rVB6	10174	15283	1.04%	0.111%
15	9.833	1311	1316	1321	rBV3	11802	19513	1.33%	0.141%
16	9.910	1323	1329	1344	rVB	697691	929224	63.48%	6.727%
17	10.104	1359	1362	1368	rBV9	9207	14897	1.02%	0.108%
18	10.616	1445	1449	1457	rVB	69554	102369	6.99%	0.741%
19	10.692	1457	1462	1473	rBV	519326	694871	47.47%	5.030%
20	10.816	1479	1483	1492	rVB2	33761	62430	4.26%	0.452%
21	11.257	1555	1558	1560	rBV	15424	19956	1.36%	0.144%
22	11.286	1560	1563	1569	rVB2	23504	35571	2.43%	0.258%
23	11.392	1576	1581	1593	rBV	617424	850367	58.09%	6.156%
24	11.686	1627	1631	1635	rBV	14796	19892	1.36%	0.144%
25	11.916	1665	1670	1679	rBV	222551	337571	23.06%	2.444%
26	12.092	1697	1700	1704	rVB	17285	18138	1.24%	0.131%
27	12.610	1784	1788	1799	rBV	67707	166543	11.38%	1.206%
28	12.704	1799	1804	1811	rBV	179708	280984	19.20%	2.034%
29	12.833	1823	1826	1833	rVB	53373	82029	5.60%	0.594%
30	12.974	1845	1850	1859	rBV	969483	1255734	85.78%	9.091%
31	14.033	2025	2030	2041	rBV	649900	965495	65.96%	6.989%
32	15.509	2277	2281	2291	rVB	407428	754113	51.52%	5.459%

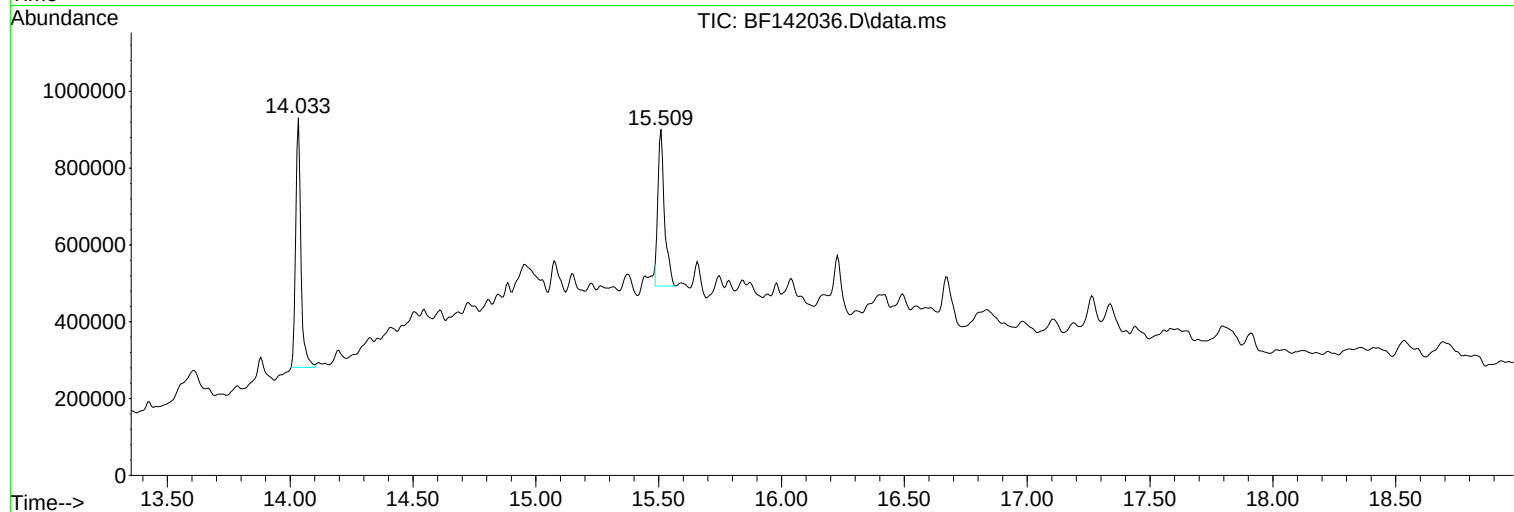
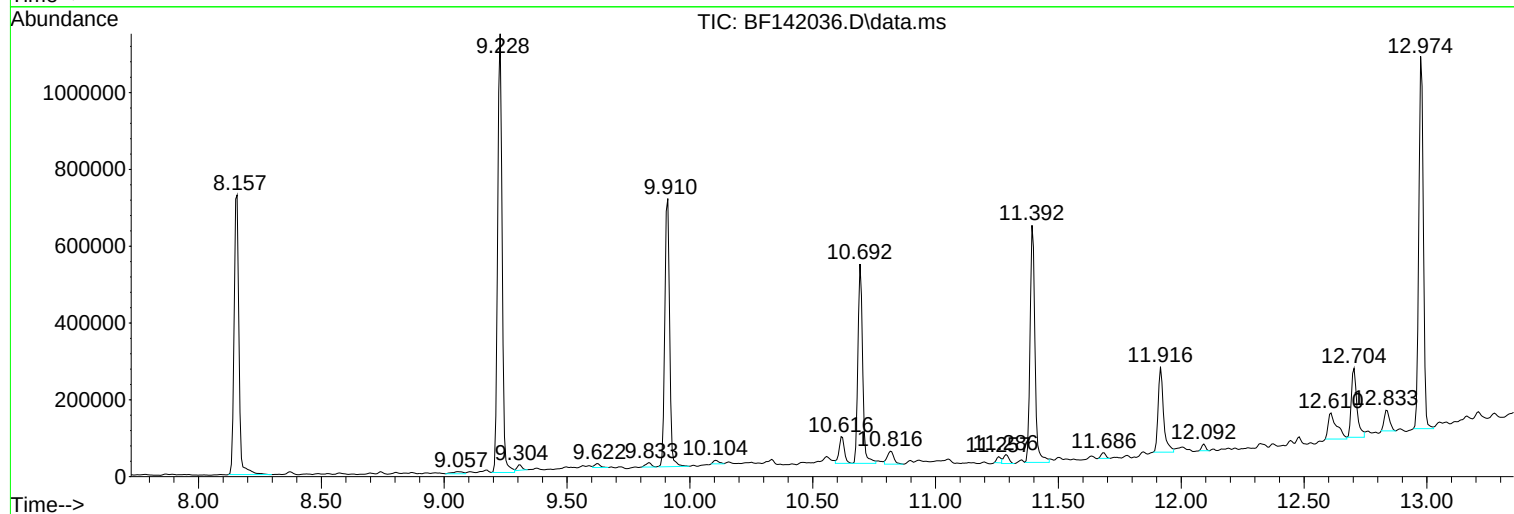
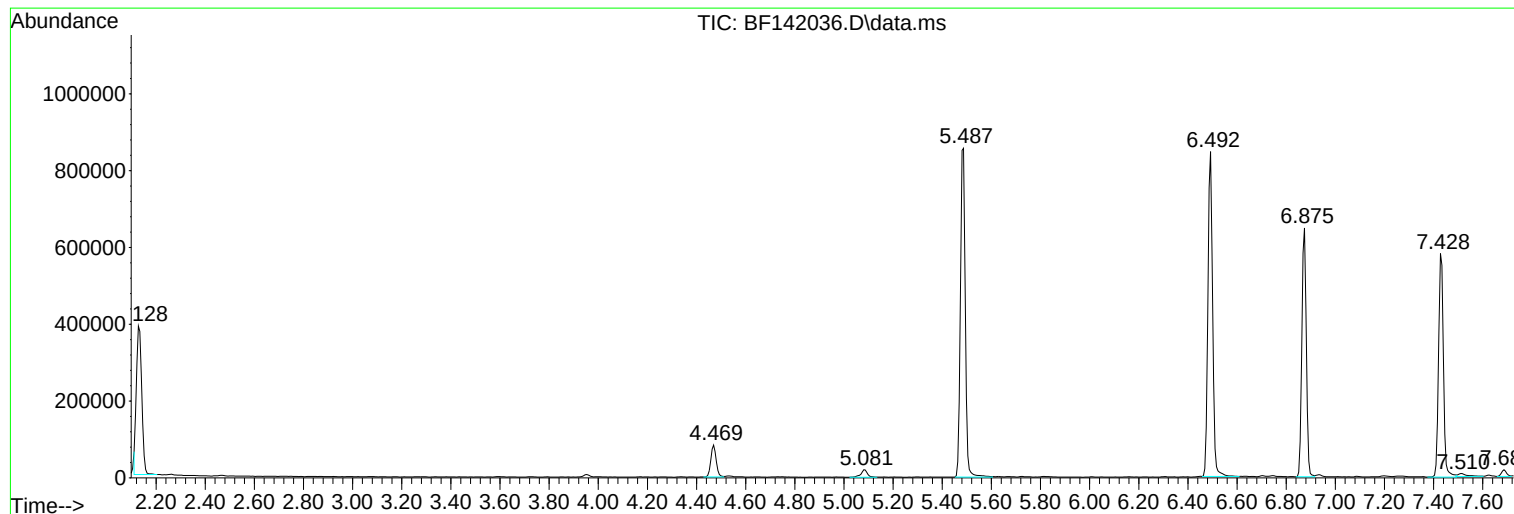
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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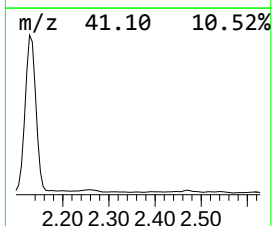
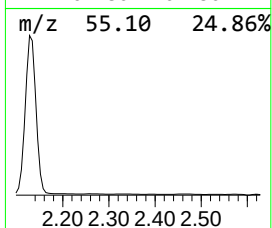
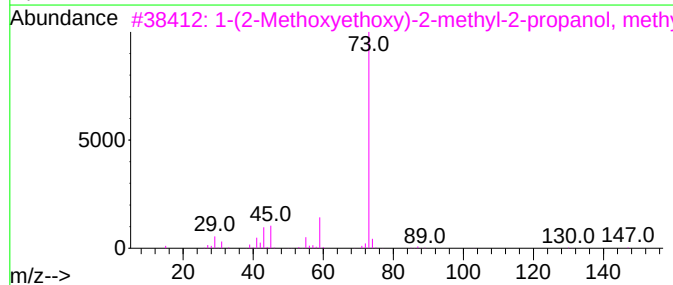
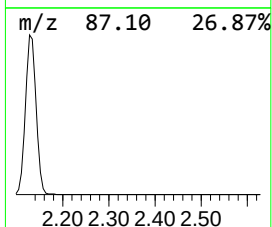
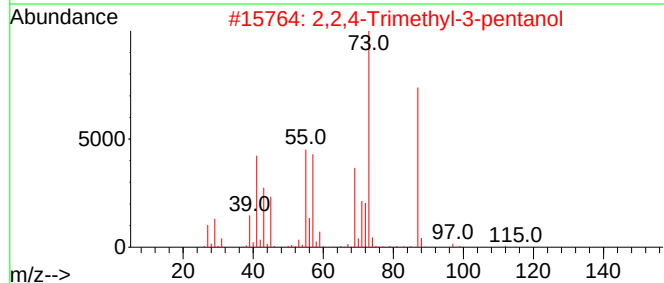
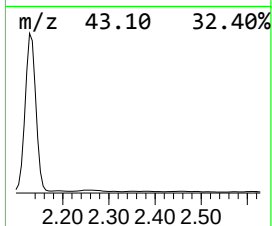
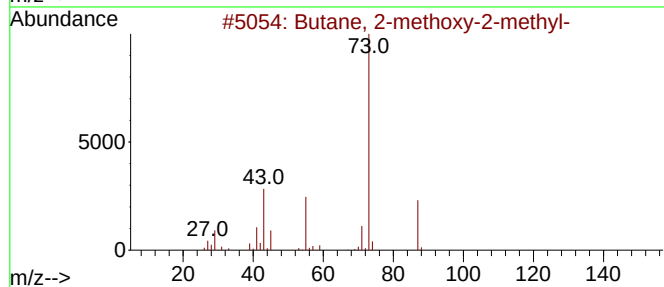
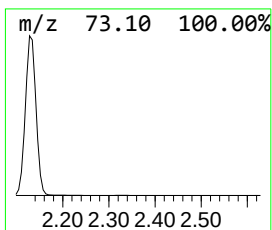
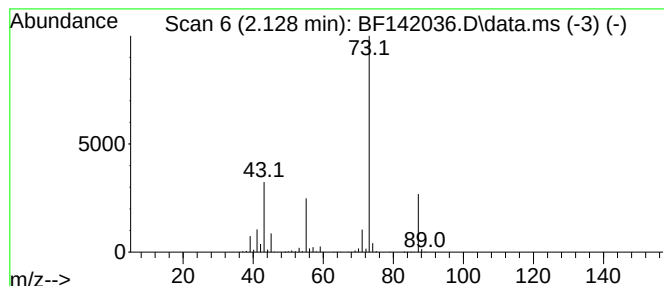
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	14.49 ng	590716	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			1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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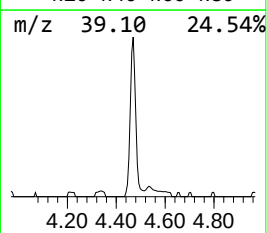
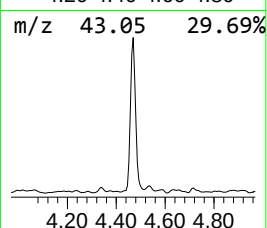
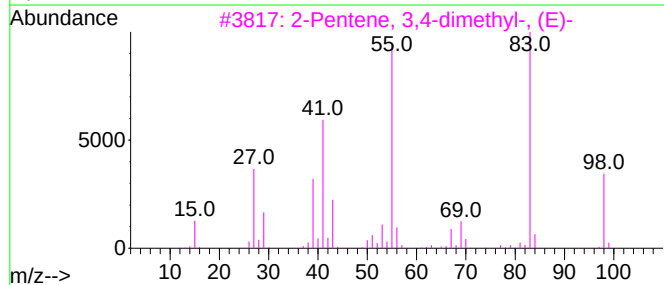
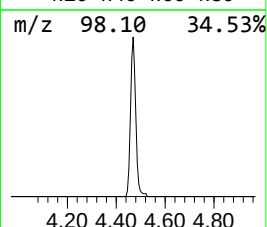
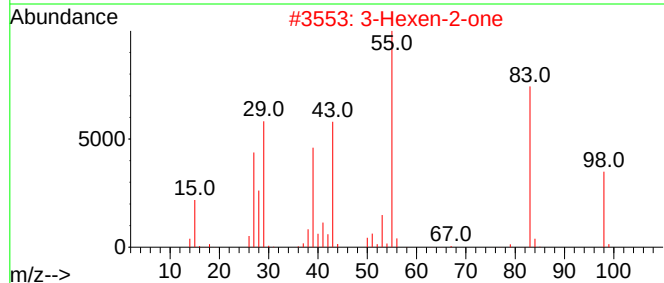
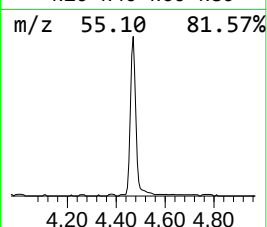
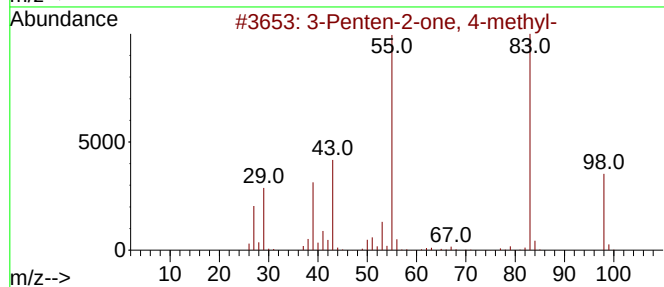
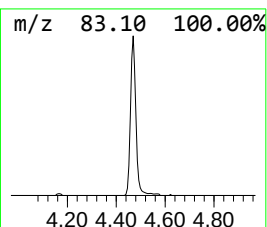
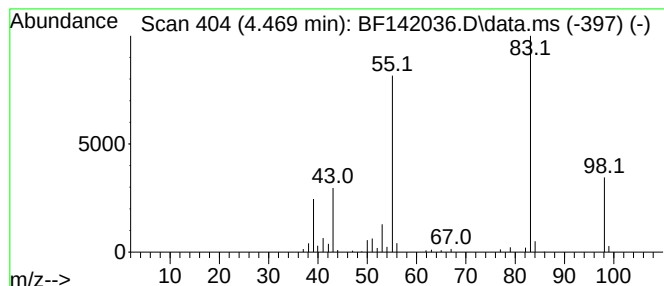
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.469	3.06 ng	124923	1,4-Dichlorobenzene-d4	6.875

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2		3-Hexen-2-one	98	C6H10O	000763-93-9	91
3		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80



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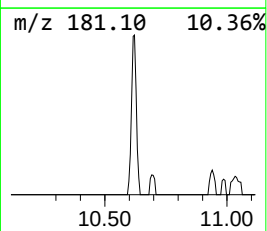
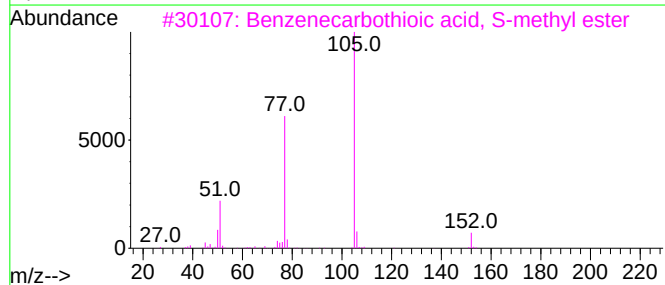
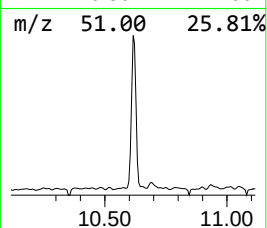
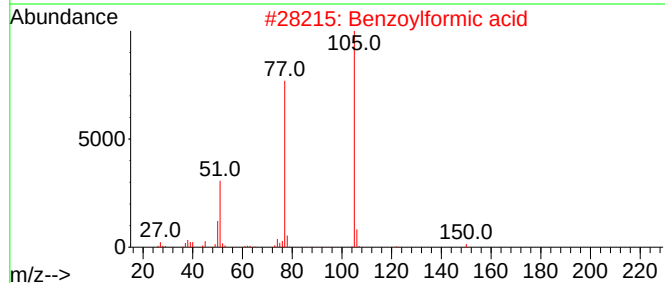
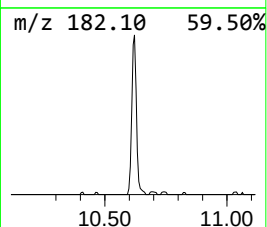
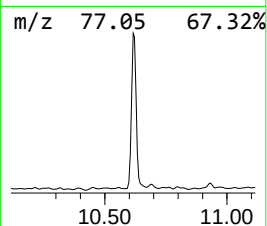
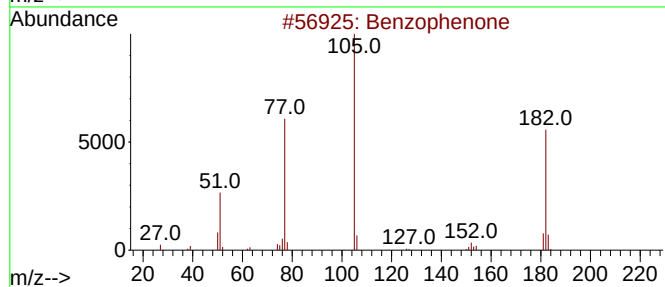
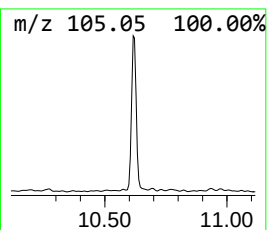
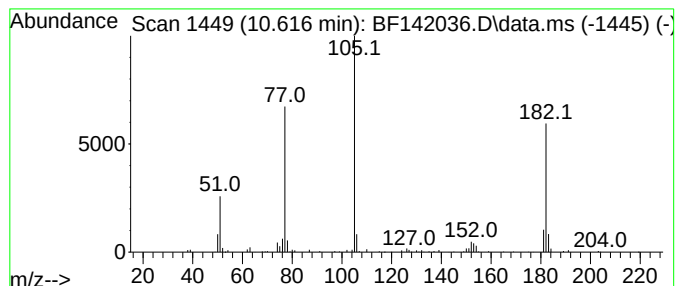
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	2.20 ng	102369	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Benzoylformic acid	150	C8H6O3	000611-73-4	49
3			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
4			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46
5			2,5-Pyrrolidinedione, 1-(benzoyl...	219	C11H9N04	023405-15-4	46



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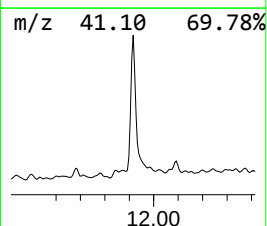
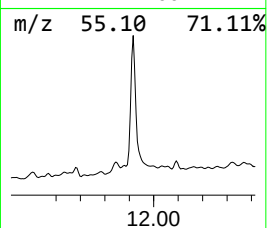
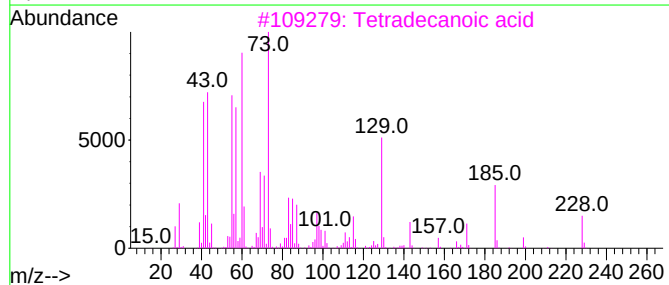
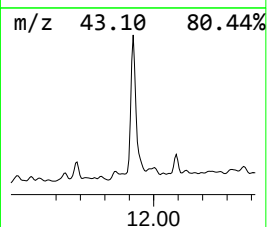
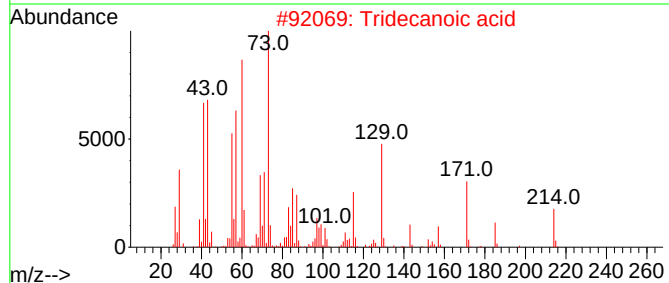
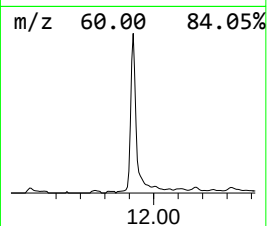
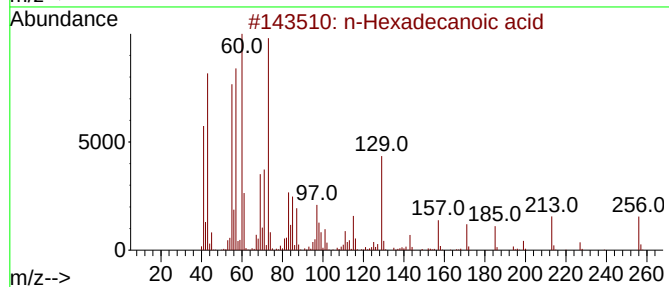
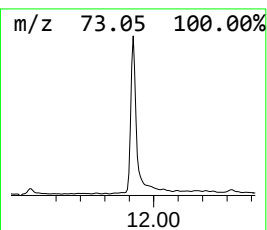
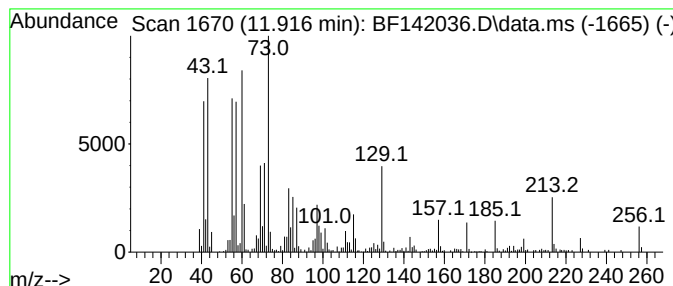
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TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.916	7.94 ng	337571	Phenanthrene-d10	11.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68



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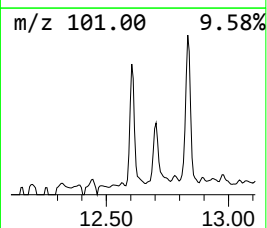
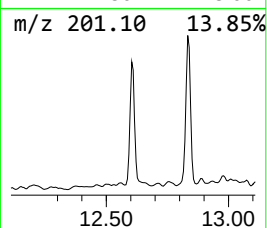
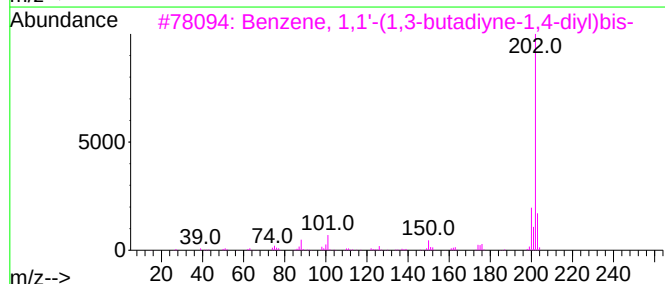
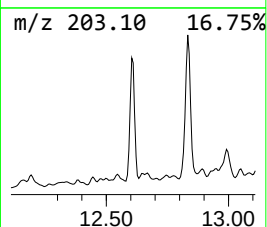
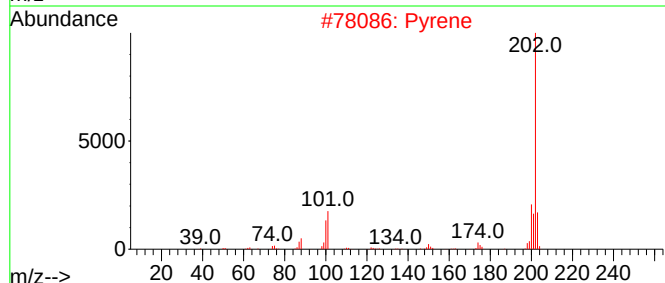
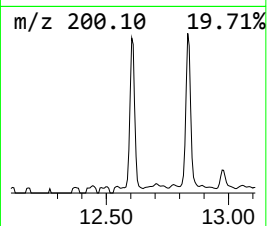
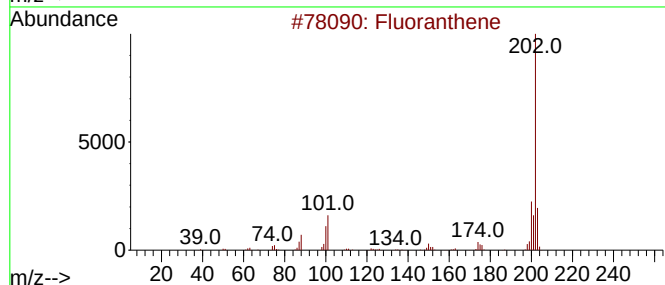
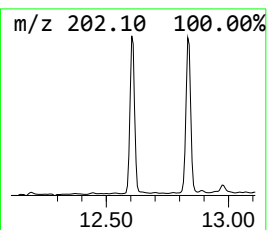
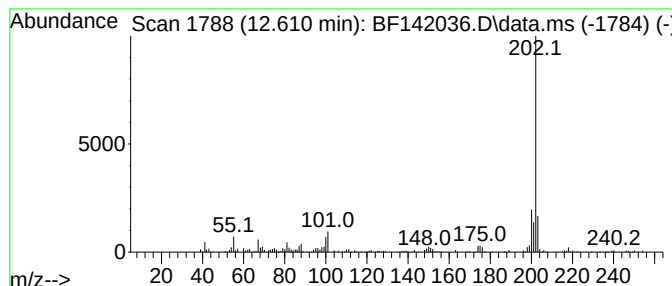
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	3.92 ng	166543	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene	202	C16H10	000206-44-0	95
2			Pyrene	202	C16H10	000129-00-0	86
3			Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	76
4			1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	72
5			l-Leucine, N-methyl-N-(2-methoxy...	485	C28H55NO5	1010328-55-1	50



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RBR200030

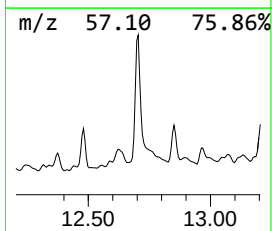
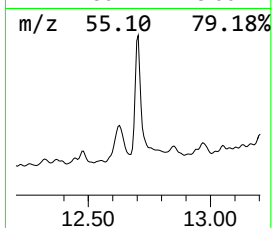
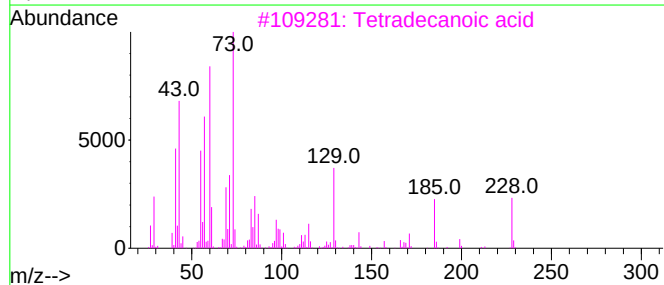
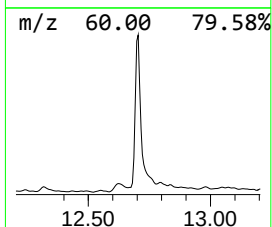
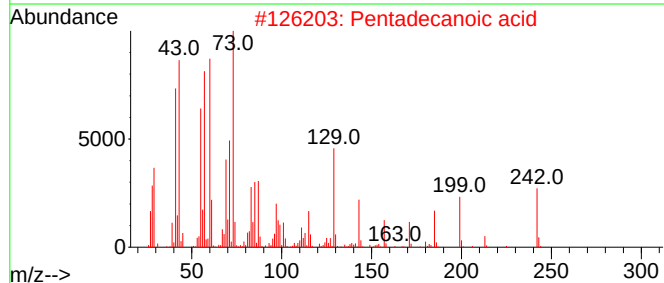
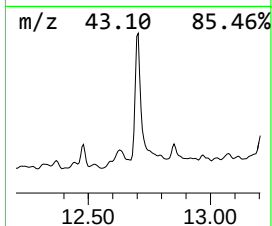
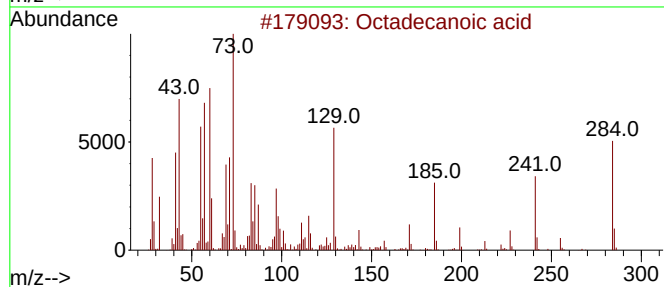
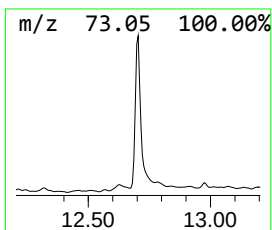
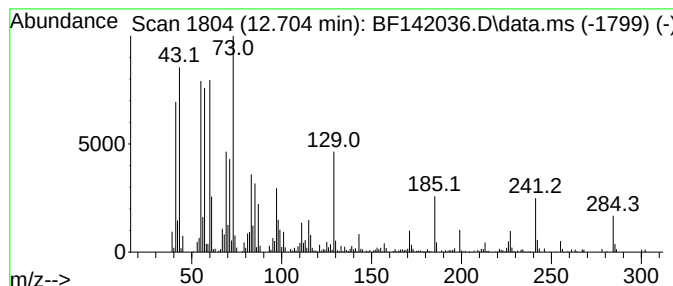
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	6.61 ng	280984	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5			Tridecanoic acid	214	C13H26O2	000638-53-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032125\
Data File : BF142036.D
Acq On : 21 Mar 2025 18:20
Operator : RC/JU
Sample : Q1611-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR200030

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.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
Butane, 2-metho...	2.128	14.5	ng	590716	1	6.875	815355	20.0
3-Penten-2-one,...	4.469	3.1	ng	124923	1	6.875	815355	20.0
Benzophenone	10.616	2.2	ng	102369	3	9.910	929224	20.0
n-Hexadecanoic ...	11.916	7.9	ng	337571	4	11.392	850367	20.0
Benzene, 1,1'-(...	12.610	3.9	ng	166543	4	11.392	850367	20.0
Octadecanoic acid	12.704	6.6	ng	280984	4	11.392	850367	20.0