

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
 Data File : BF142016.D
 Acq On : 20 Mar 2025 17:36
 Operator : RC/JU
 Sample : Q1606-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT4534

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: BF142016.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	3	10	25	rVB	781164	1242647	44.49%	5.363%
2	3.963	309	318	326	rBV	56521	93636	3.35%	0.404%
3	5.363	551	556	561	rBV	61210	81389	2.91%	0.351%
4	5.493	567	578	583	rBV	1981664	2792987	100.00%	12.054%
5	5.728	609	618	624	rVB	43607	63965	2.29%	0.276%
6	6.404	728	733	735	rBV	23144	29160	1.04%	0.126%
7	6.493	741	748	757	rBV	1828123	2536101	90.80%	10.945%
8	6.698	779	783	788	rBV	50323	68865	2.47%	0.297%
9	6.875	808	813	818	rBV	684410	848580	30.38%	3.662%
10	6.934	819	823	831	rVB3	22720	35383	1.27%	0.153%
11	7.051	839	843	852	rVB	181822	229881	8.23%	0.992%
12	7.134	852	857	863	rVB	23618	36391	1.30%	0.157%
13	7.434	898	908	913	rBV	1267046	1691862	60.58%	7.302%
14	7.687	946	951	957	rVB2	38045	52520	1.88%	0.227%
15	8.151	1024	1030	1038	rBV	742569	1104429	39.54%	4.766%
16	9.228	1207	1213	1223	rBV	2135907	2649677	94.87%	11.435%
17	9.910	1323	1329	1339	rVB	696747	930233	33.31%	4.015%
18	10.616	1444	1449	1457	rBV	250258	331751	11.88%	1.432%
19	10.692	1457	1462	1478	rVV	1109776	1446440	51.79%	6.242%
20	10.816	1478	1483	1492	rVB4	16875	37834	1.35%	0.163%
21	11.392	1576	1581	1590	rBV2	609253	889774	31.86%	3.840%
22	11.916	1663	1670	1677	rBV2	392736	587822	21.05%	2.537%
23	12.010	1682	1686	1693	rVB	35512	78152	2.80%	0.337%
24	12.604	1783	1787	1791	rBV	201358	267862	9.59%	1.156%
25	12.645	1791	1794	1799	rVB	50359	69266	2.48%	0.299%
26	12.698	1799	1803	1811	rBV	96386	157438	5.64%	0.679%
27	12.833	1820	1826	1833	rBV	199432	320153	11.46%	1.382%
28	12.974	1845	1850	1858	rBV	1722645	2236710	80.08%	9.653%
29	13.116	1871	1874	1877	rBV	31783	44998	1.61%	0.194%
30	13.874	2000	2003	2012	rVB4	110616	192127	6.88%	0.829%
31	14.027	2024	2029	2041	rBV2	715305	1252730	44.85%	5.406%
32	15.510	2276	2281	2292	rVB	412097	770323	27.58%	3.325%

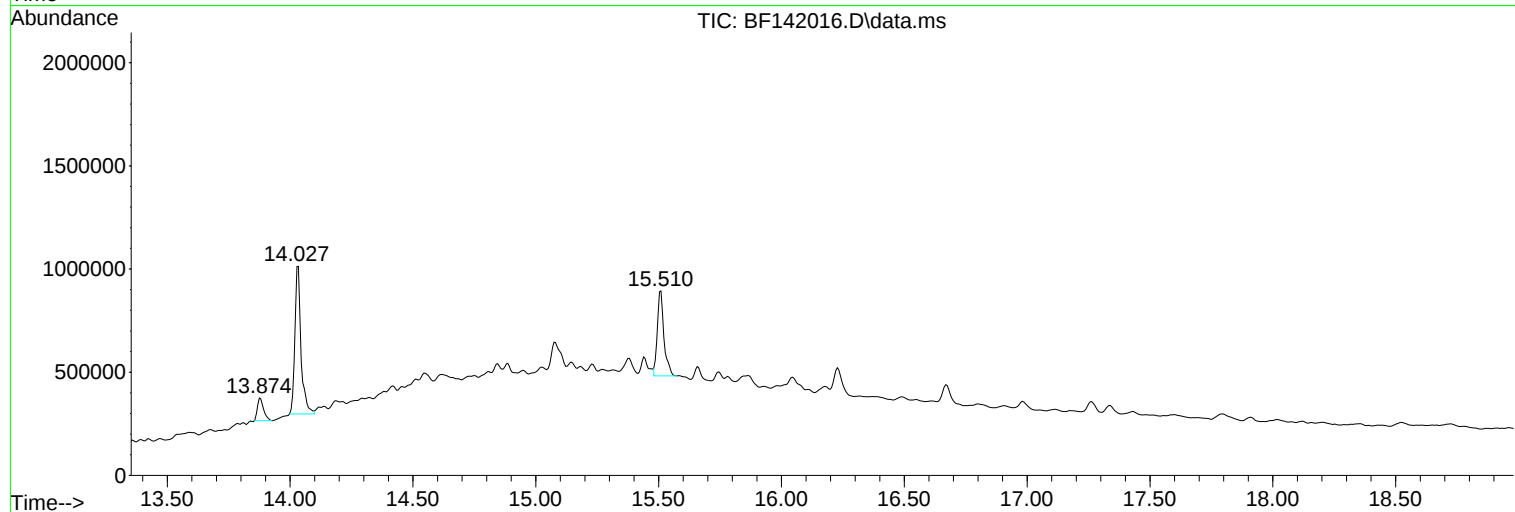
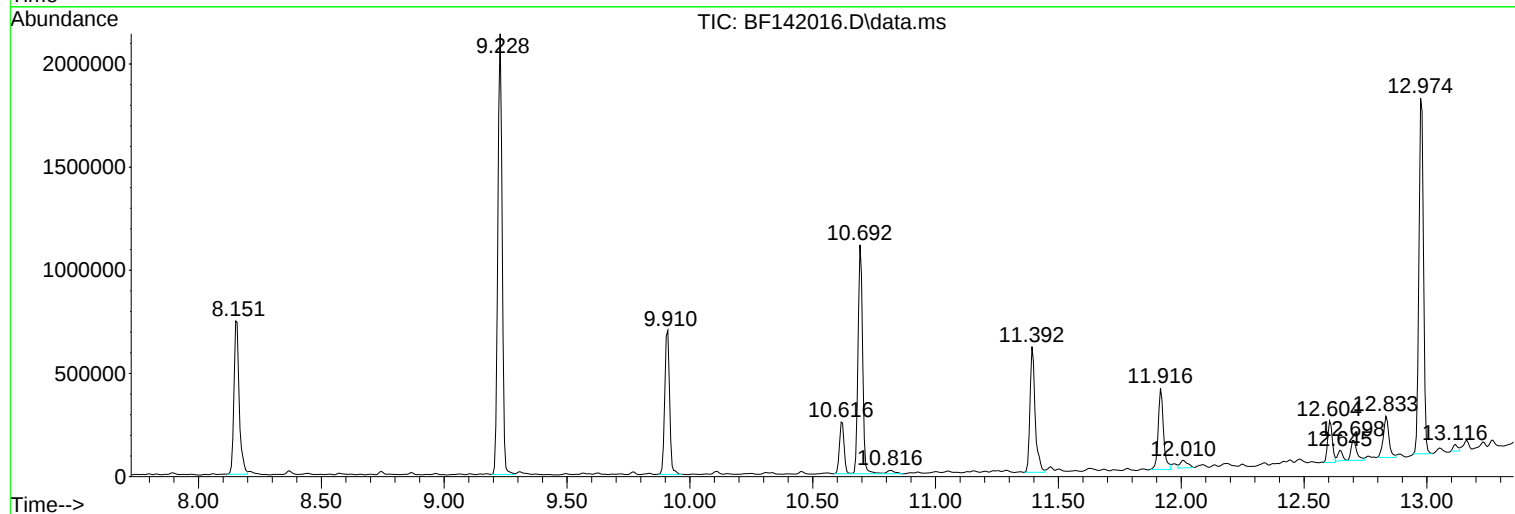
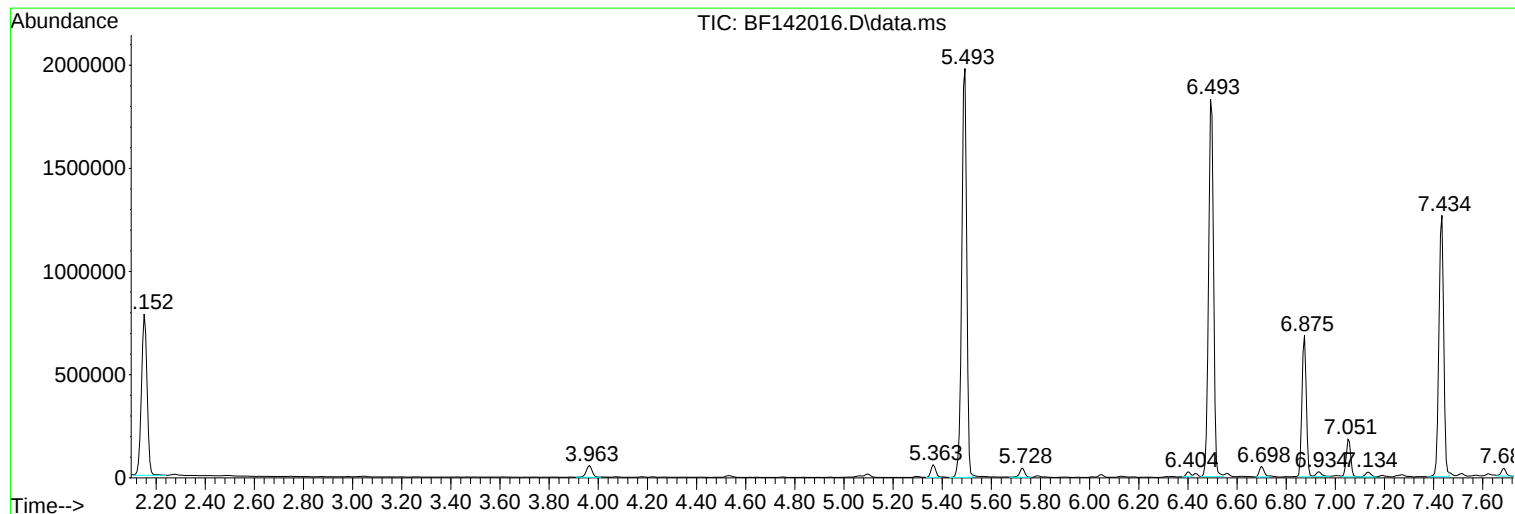
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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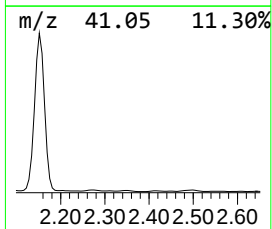
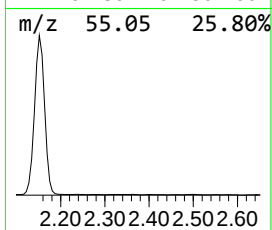
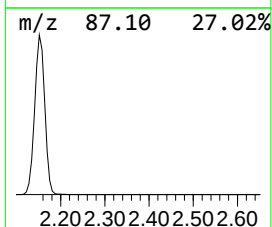
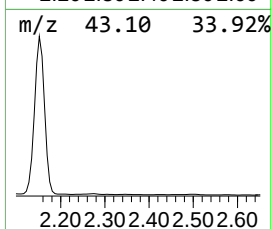
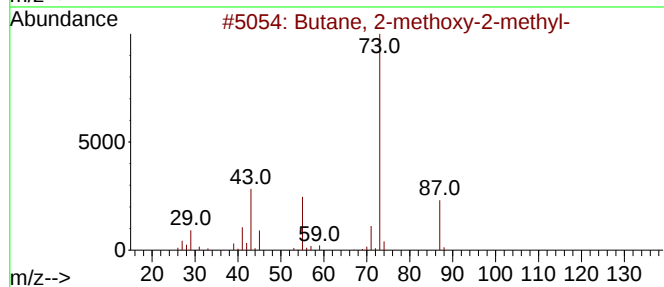
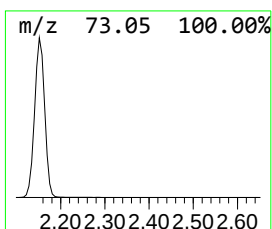
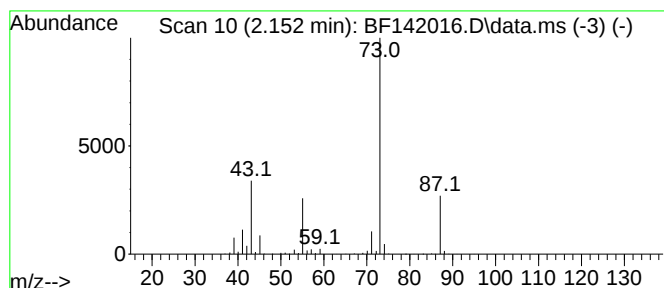
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	29.29 ng	1242650	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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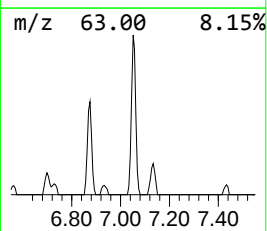
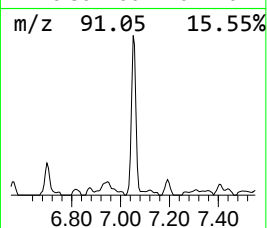
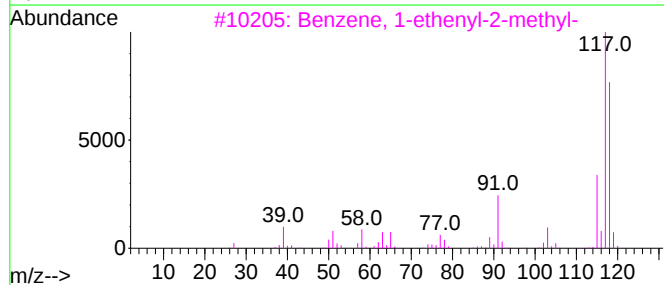
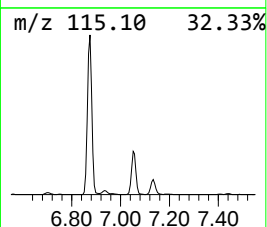
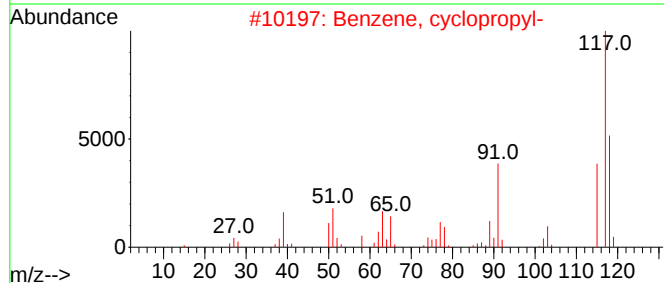
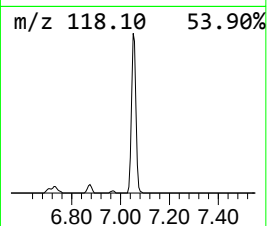
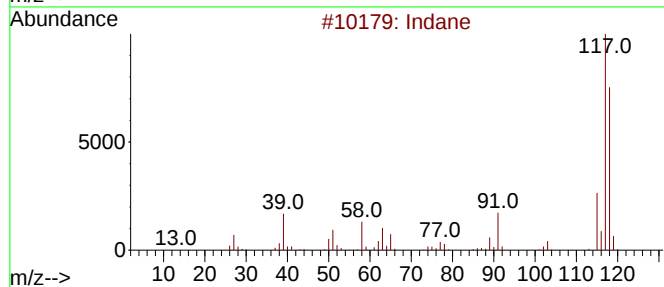
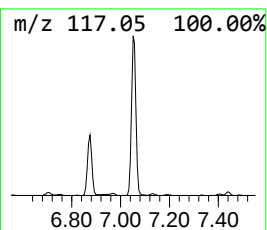
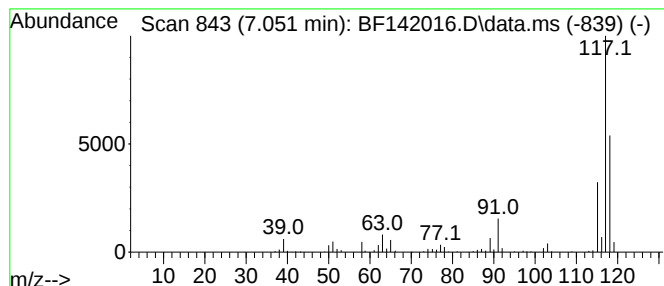
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Peak Number 3 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	5.42 ng	229881	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	91
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	87
3			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
5			Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59



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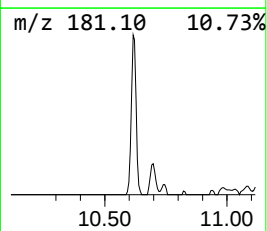
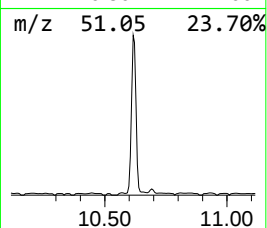
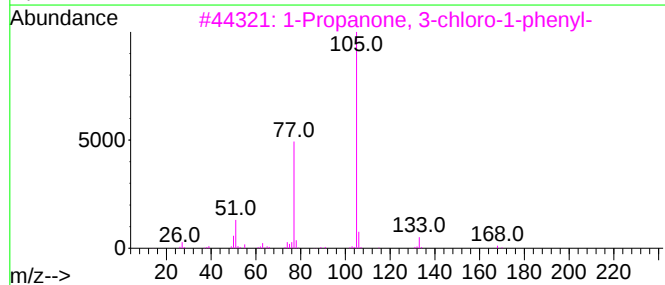
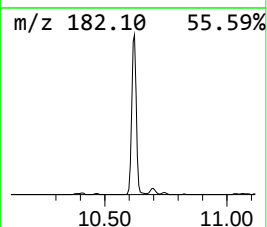
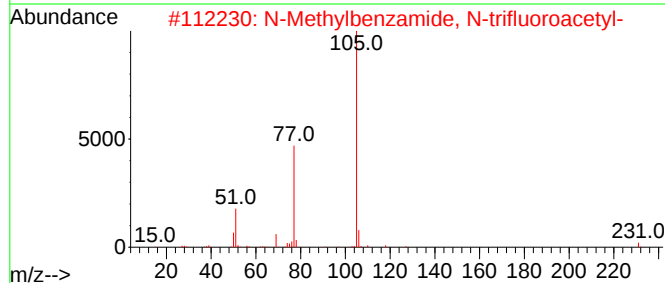
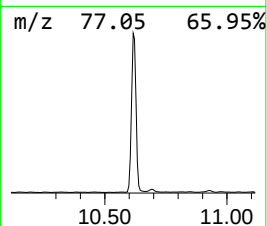
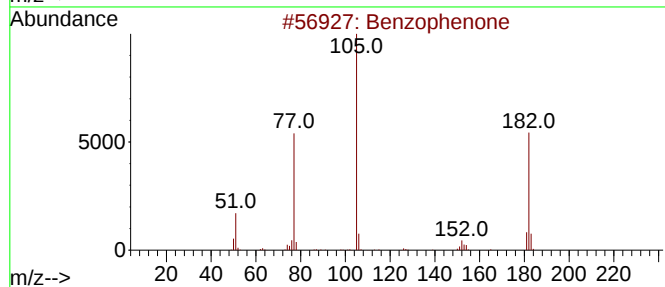
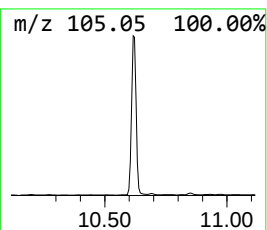
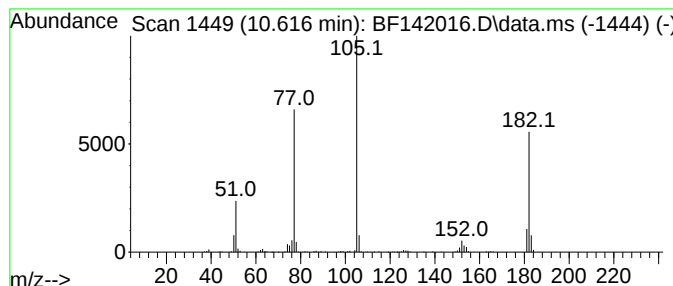
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	7.13 ng	331751	Acenaphthene-d10	9.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
3			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47
4			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
5			Benzenepropanenitrile, .beta.-oxo-	145	C9H7NO	000614-16-4	47



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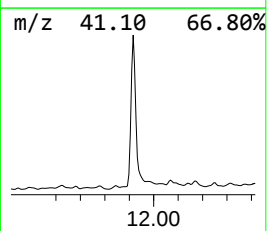
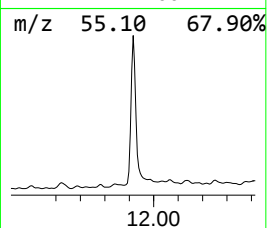
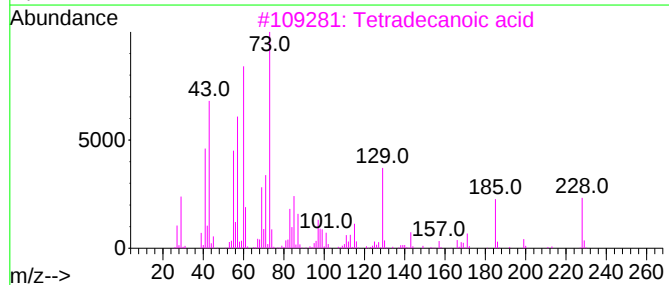
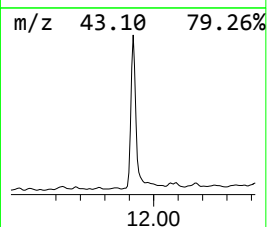
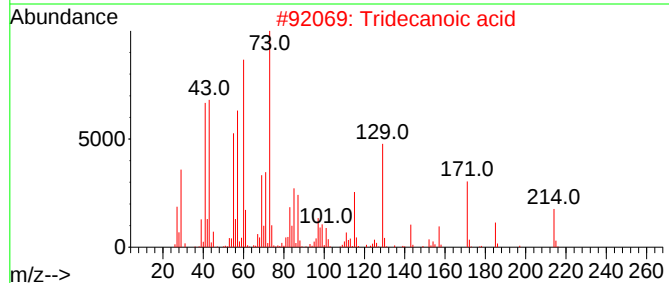
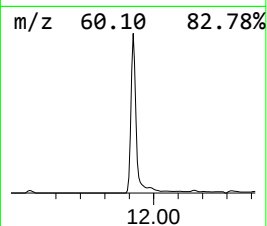
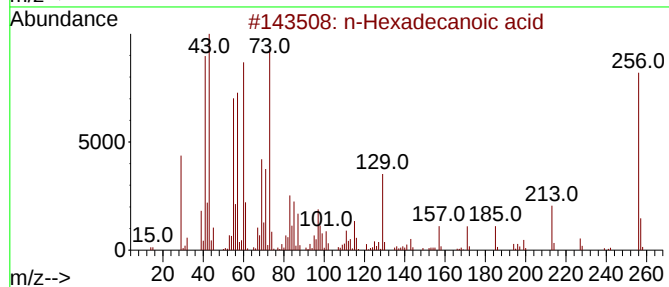
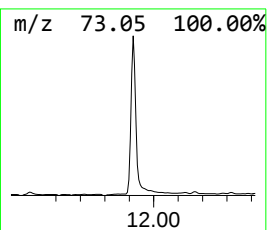
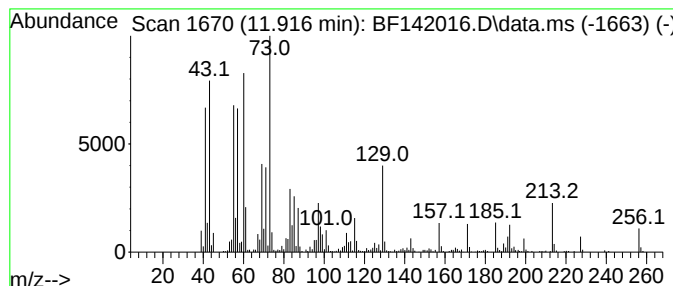
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.916	13.21 ng	587822	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	94
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	93
5	n-Decanoic acid		172	C10H20O2	000334-48-5	76



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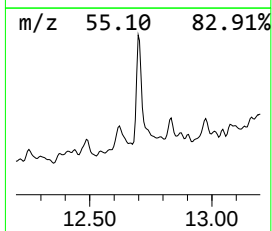
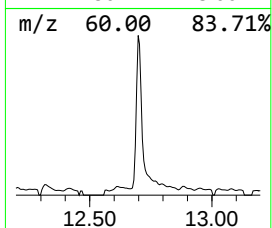
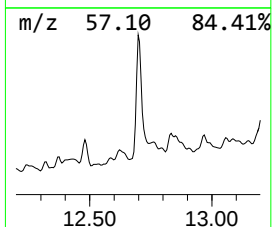
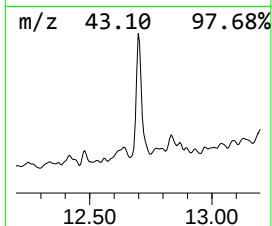
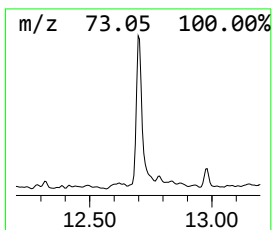
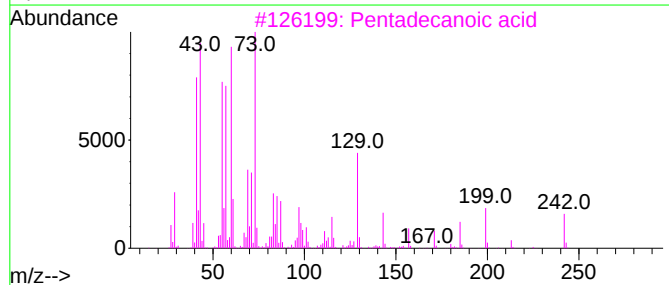
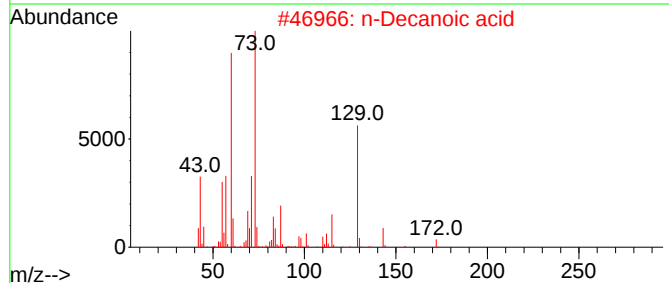
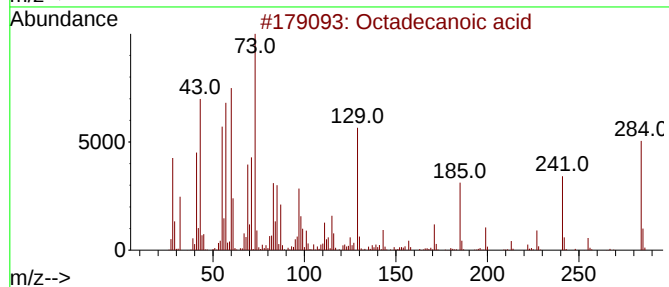
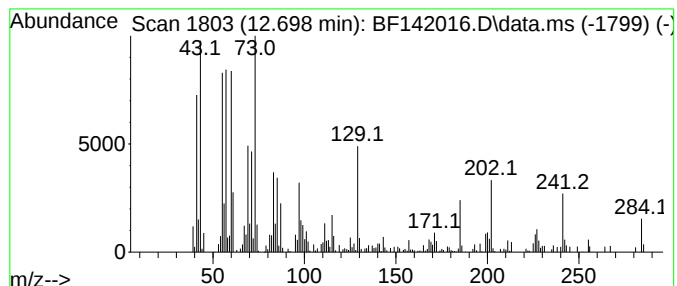
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Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.698	3.54 ng	157438	Phenanthrene-d10	11.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	Dodecanoic acid	200	C12H24O2	000143-07-7	86



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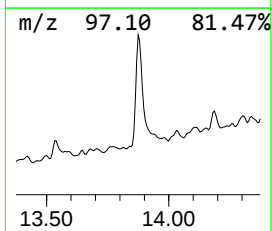
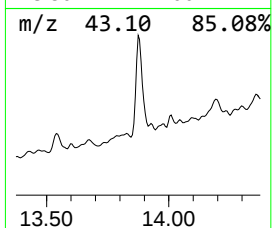
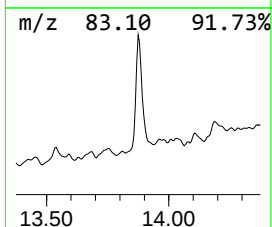
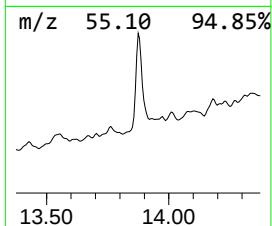
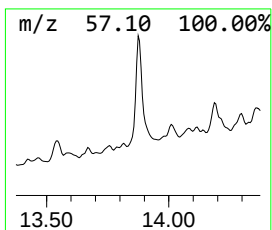
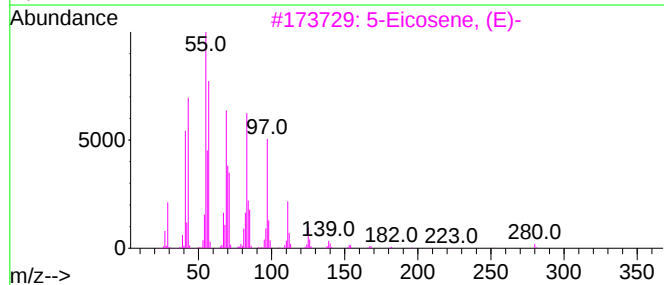
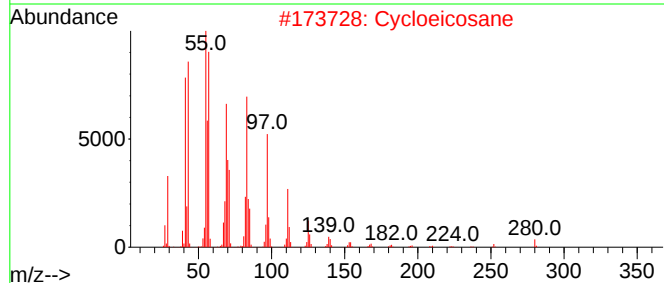
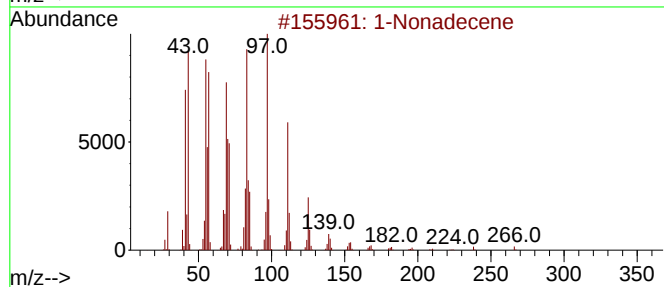
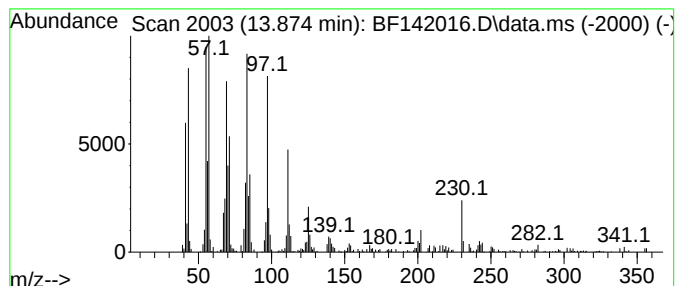
Instrument :
BNA_F
ClientSampleId :
RT4534

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

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

Peak Number 7 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.874	3.07 ng	192127	Chrysene-d12	14.033	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	Cycloeicosane	280	C20H40	000296-56-0	99
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032025\
Data File : BF142016.D
Acq On : 20 Mar 2025 17:36
Operator : RC/JU
Sample : Q1606-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT4534

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.152	29.3	ng	1242650	1	6.875	848580	20.0
Indane	7.051	5.4	ng	229881	1	6.875	848580	20.0
Benzophenone	10.616	7.1	ng	331751	3	9.910	930233	20.0
n-Hexadecanoic ...	11.916	13.2	ng	587822	4	11.392	889774	20.0
Octadecanoic acid	12.698	3.5	ng	157438	4	11.392	889774	20.0
1-Nonadecene	13.874	3.1	ng	192127	5	14.033	1252730	20.0