

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071125\
 Data File : BM050416.D
 Acq On : 11 Jul 2025 17:08
 Operator : RC/JU
 Sample : Q2542-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-245

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_M\Methods\8270-BM070925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050416.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	5	9	26	rVB	958554	1401340	9.08%	1.604%
2	4.969	332	337	346	rVB	367424	541873	3.51%	0.620%
3	5.434	409	416	428	rBV	4423767	6368931	41.29%	7.289%
4	7.016	678	685	700	rBV	4302908	6777325	43.93%	7.757%
5	7.863	821	829	836	rBV	1370041	2203714	14.29%	2.522%
6	9.010	1017	1024	1034	rBV	2555509	4119674	26.71%	4.715%
7	10.657	1296	1304	1311	rBV	1670687	2794440	18.12%	3.198%
8	13.116	1714	1722	1731	rBV	6944278	9781917	63.41%	11.196%
9	14.486	1947	1955	1962	rBV	2476158	3579005	23.20%	4.096%
10	15.839	2179	2185	2192	rBV	825659	1116506	7.24%	1.278%
11	15.968	2200	2207	2215	rBV	4751761	6904637	44.76%	7.903%
12	16.692	2315	2330	2346	rBV3	273217	1173386	7.61%	1.343%
13	17.221	2413	2420	2424	rBV	2932638	4045956	26.23%	4.631%
14	17.262	2424	2427	2434	rVB	344503	502156	3.26%	0.575%
15	18.121	2564	2573	2588	rBV2	2092043	3690151	23.92%	4.223%
16	19.268	2761	2768	2776	rBV	892901	1305509	8.46%	1.494%
17	19.398	2785	2790	2798	rBV2	1117774	1687638	10.94%	1.932%
18	19.633	2825	2830	2838	rVB	753421	1133922	7.35%	1.298%
19	19.833	2859	2864	2877	rVB	12431657	15425882	100.00%	17.655%
20	21.127	3080	3084	3090	rBV3	405003	632586	4.10%	0.724%
21	21.444	3131	3138	3143	rBV	3575955	5703127	36.97%	6.527%
22	21.486	3143	3145	3154	rVB	410888	598038	3.88%	0.684%
23	22.586	3329	3332	3344	rVB3	293932	541684	3.51%	0.620%
24	24.480	3646	3654	3664	rBV	2131770	5343209	34.64%	6.115%

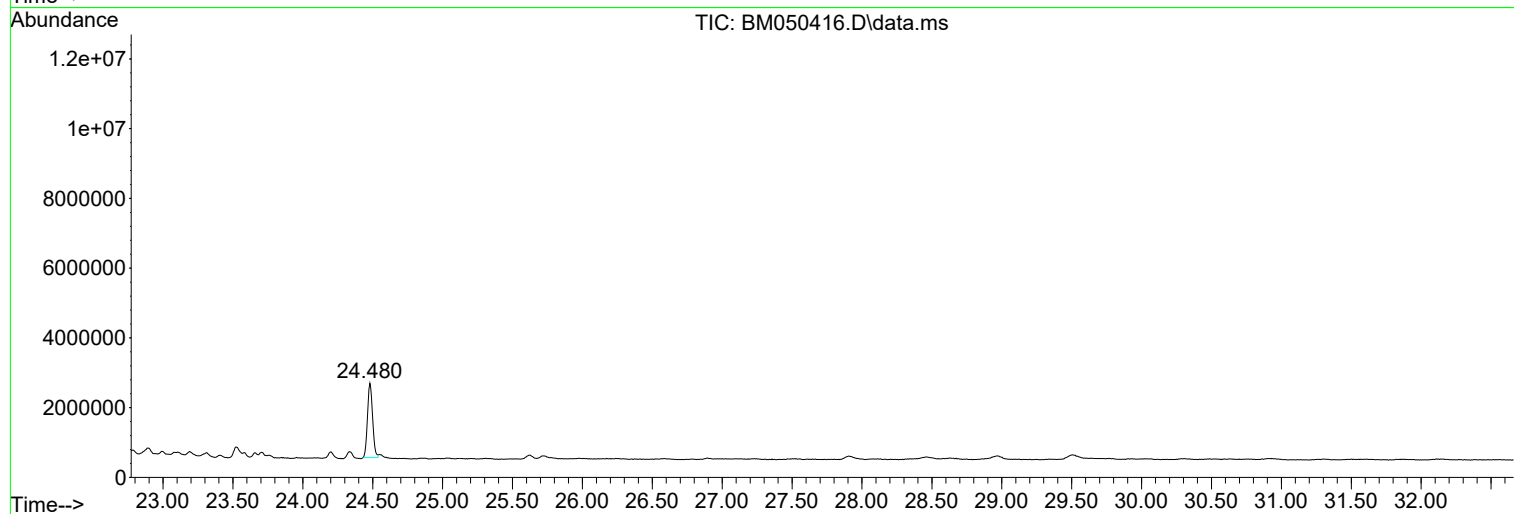
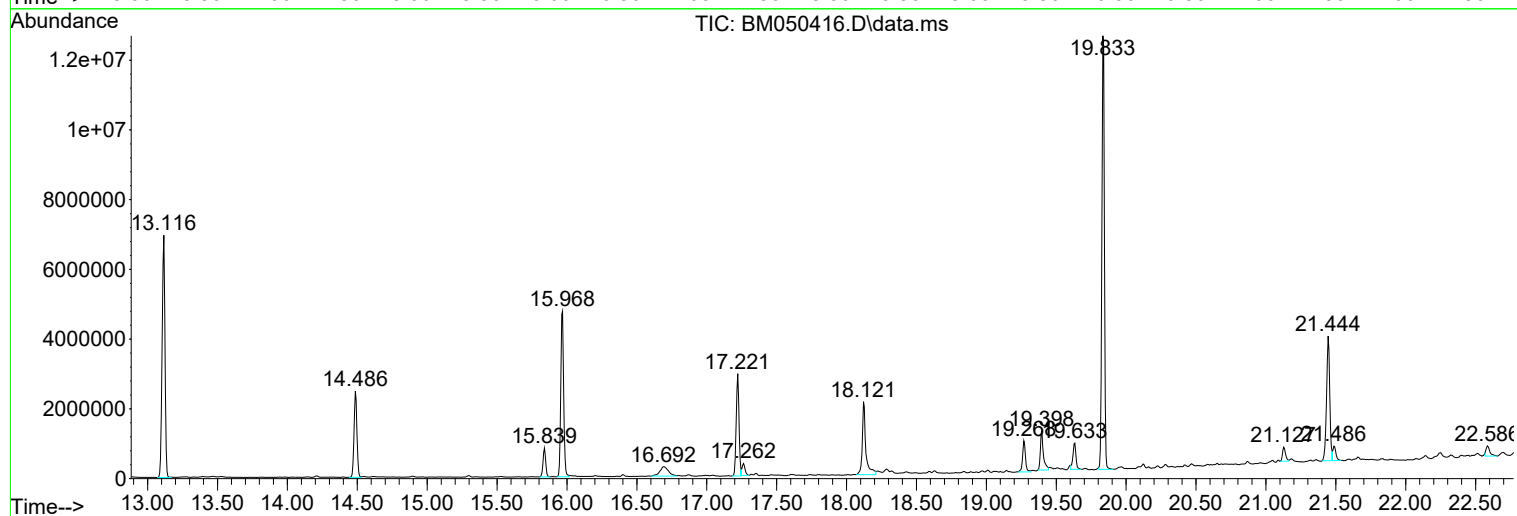
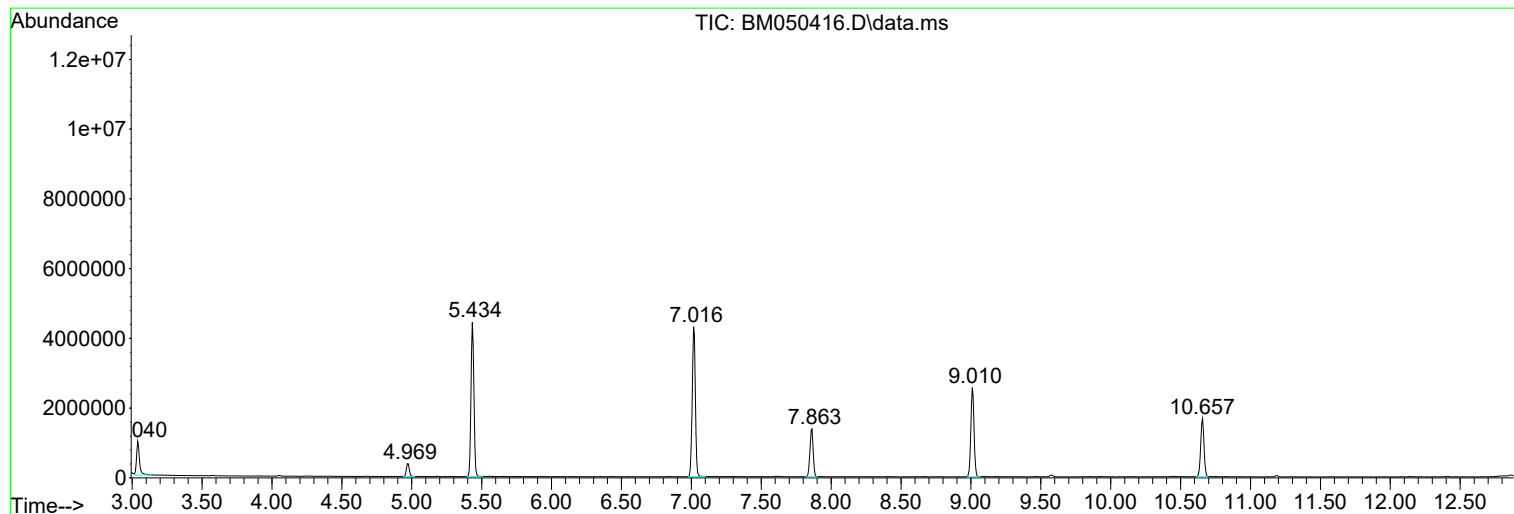
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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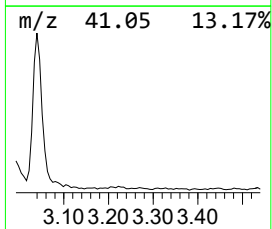
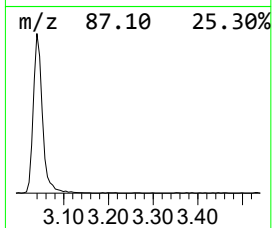
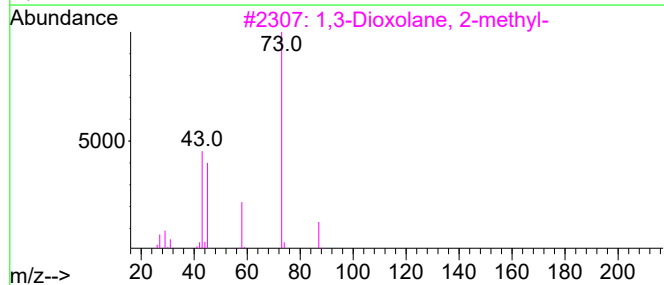
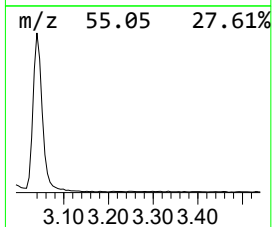
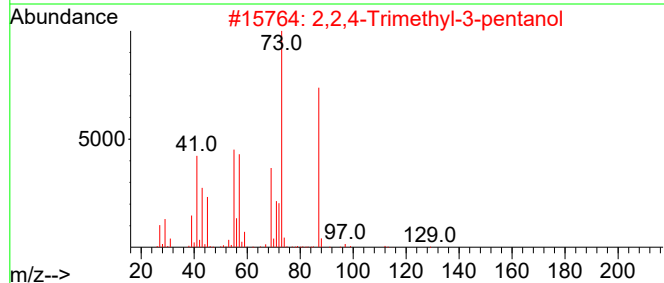
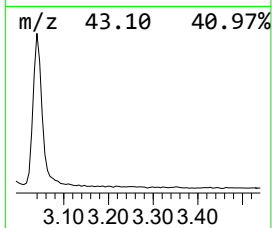
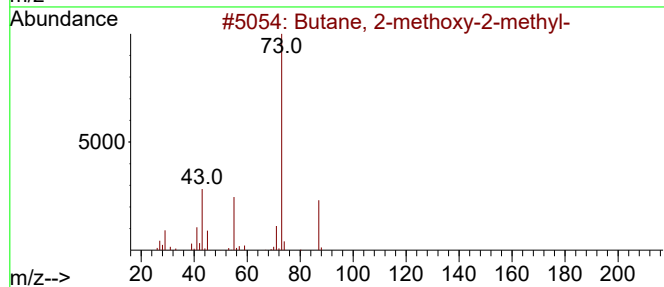
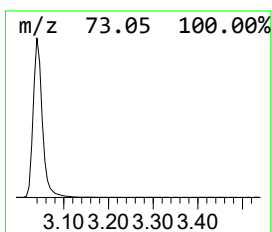
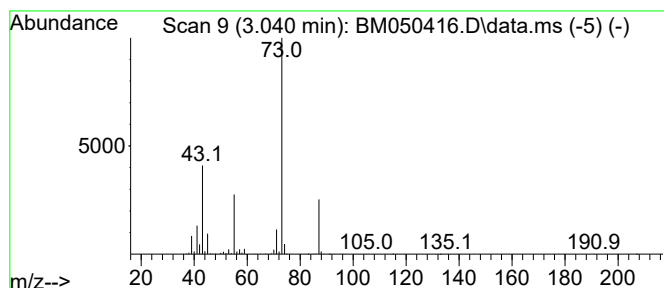
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	12.72 ng	1401340	1,4-Dichlorobenzene-d4	7.863

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	32
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
5			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23



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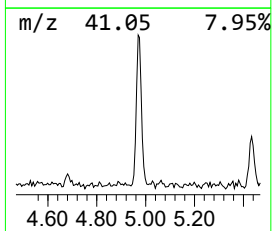
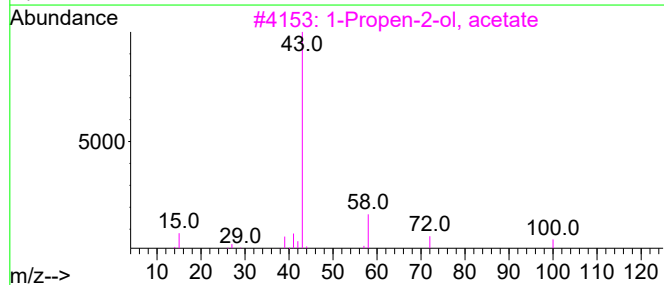
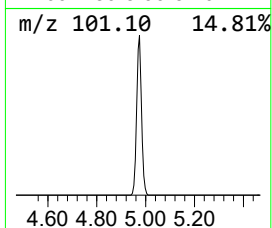
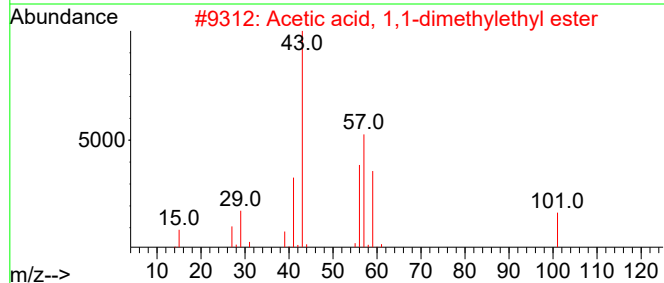
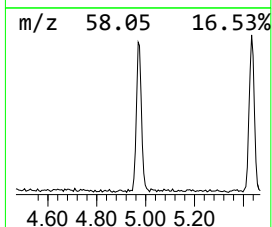
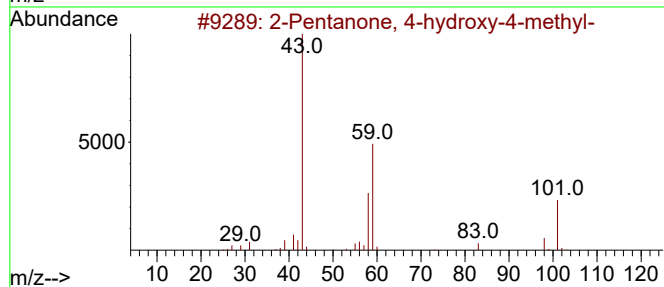
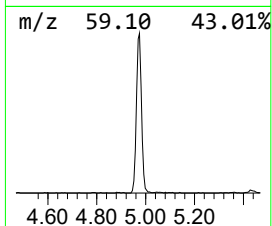
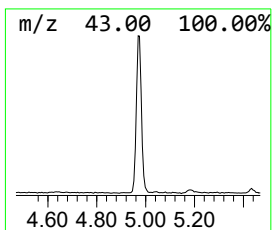
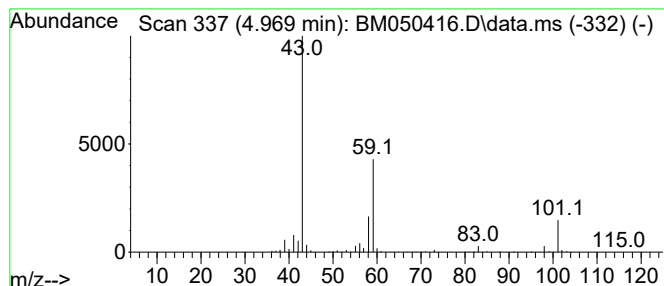
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TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.969	4.92 ng	541873	1,4-Dichlorobenzene-d4	7.863	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	9



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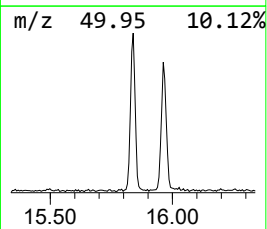
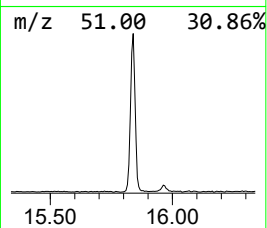
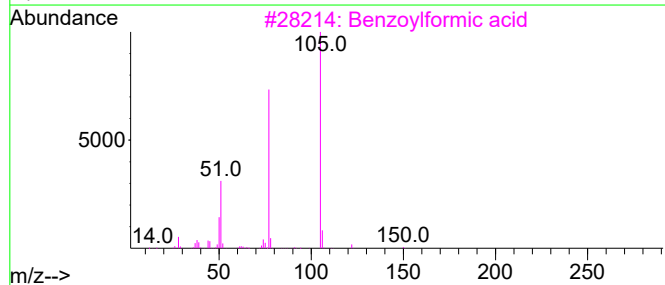
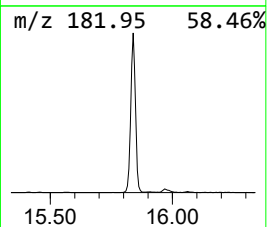
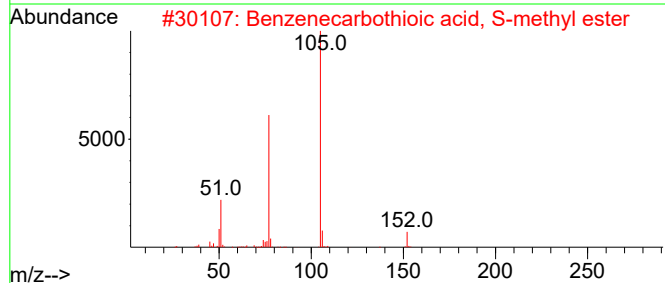
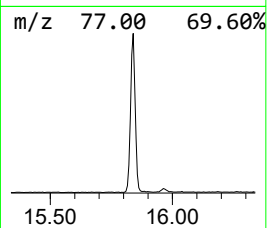
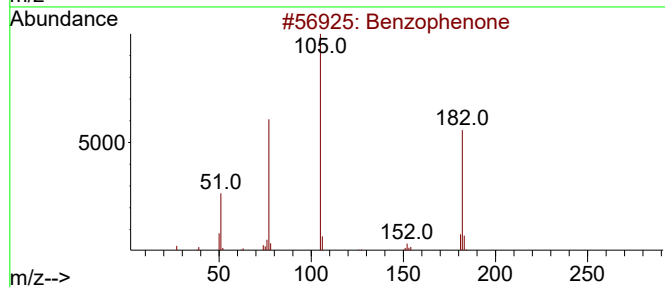
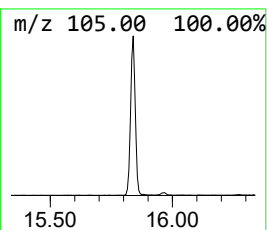
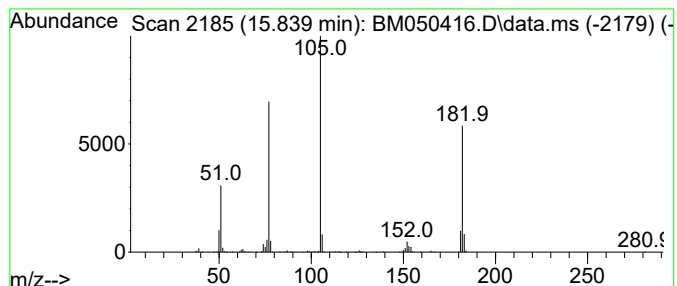
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Peak Number 3 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.839	6.24 ng	1116510	Acenaphthene-d10	14.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	52
3			Benzoylformic acid	150	C8H6O3	000611-73-4	49
4			Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
5			N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47



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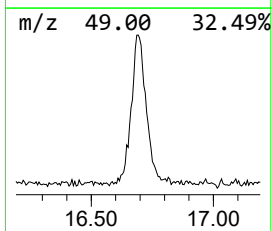
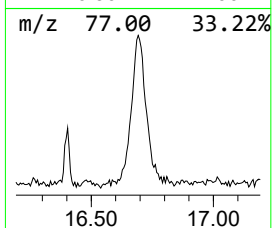
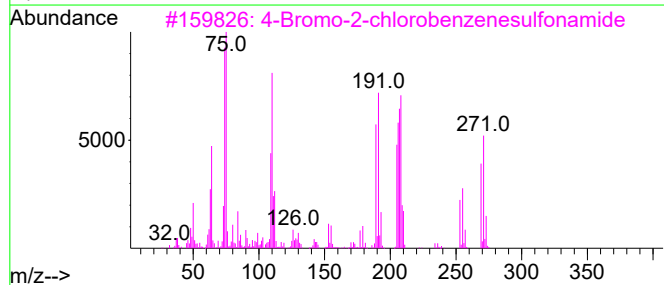
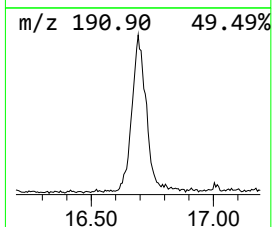
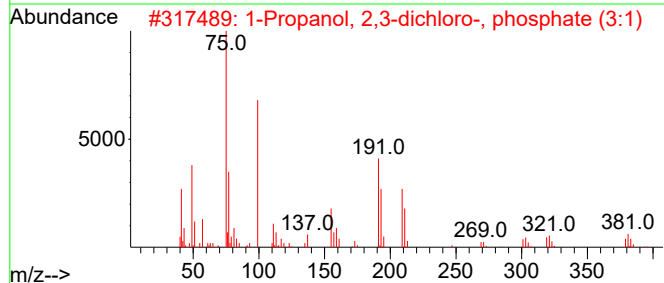
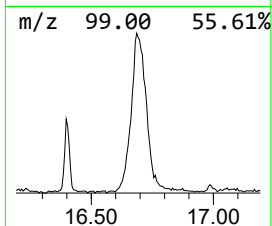
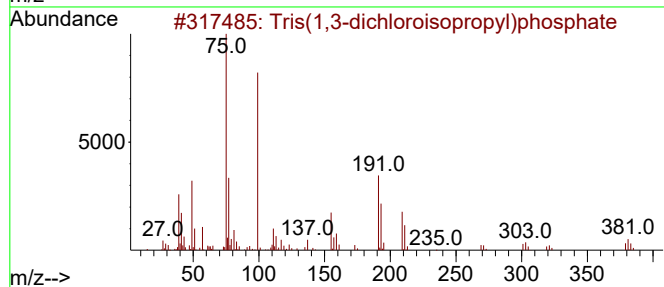
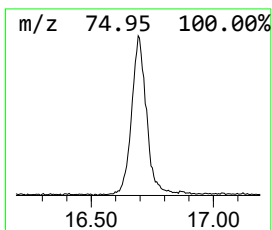
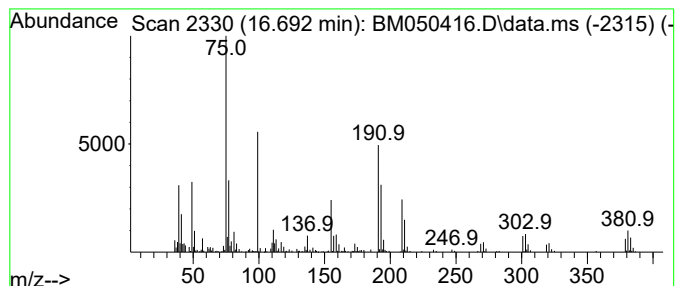
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Peak Number 4 Tris(1,3-dichloroisopropyl)... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.692	5.80 ng	1173390	Phenanthrene-d10	17.221

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tris(1,3-dichloroisopropyl)phosp...	428	C9H15Cl6O4P	013674-87-8	91
2			1-Propanol, 2,3-dichloro-, phosp...	428	C9H15Cl6O4P	000078-43-3	90
3			4-Bromo-2-chlorobenzenesulfonamide	269	C6H5BrClNO2S	351003-59-3	10
4			1-Propene, 3,3-dichloro-	110	C3H4Cl2	000563-57-5	10
5			1-Propene, 1,3-dichloro-	110	C3H4Cl2	000542-75-6	9



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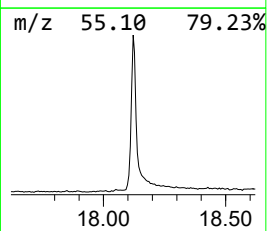
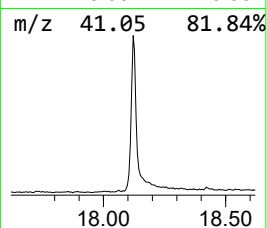
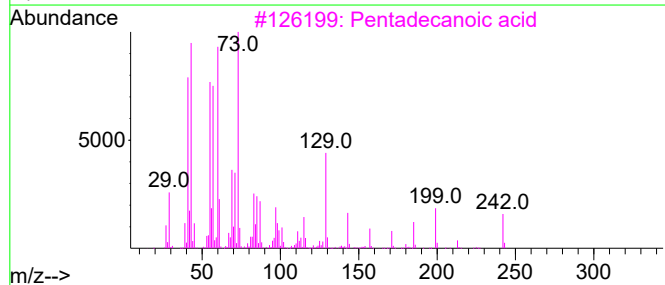
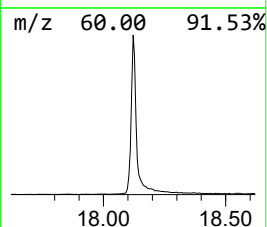
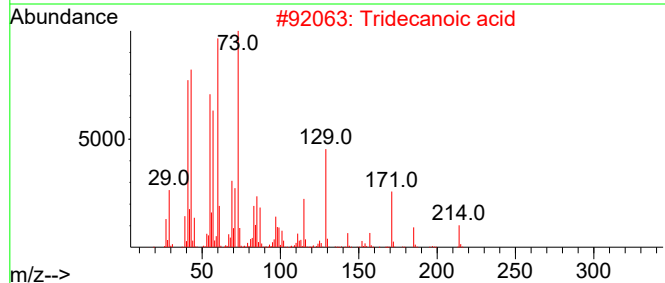
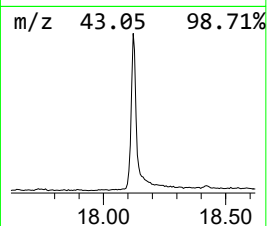
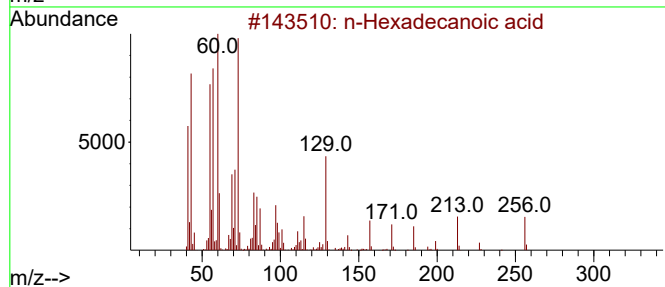
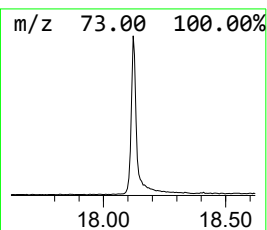
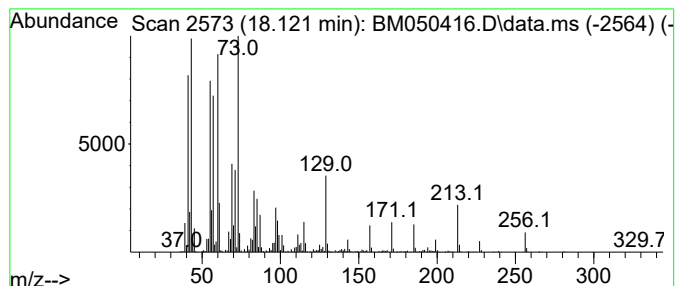
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	18.24 ng	3690150	Phenanthrene-d10	17.221

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	90
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5			Octanoic acid	144	C8H16O2	000124-07-2	55



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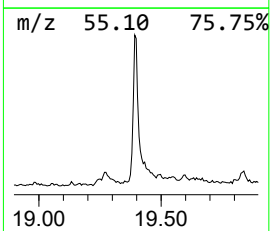
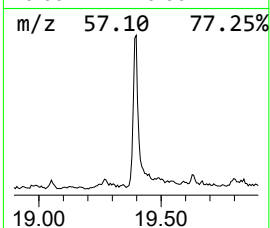
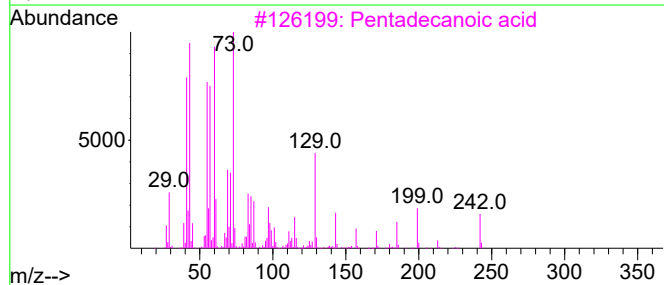
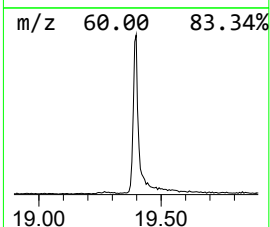
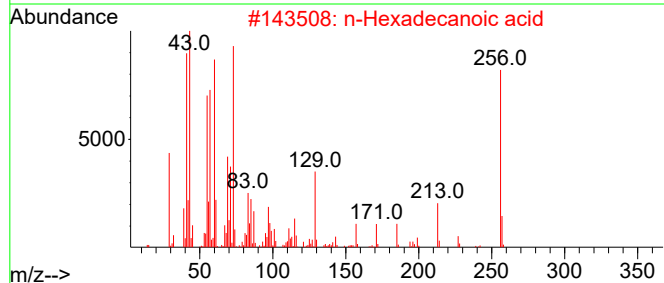
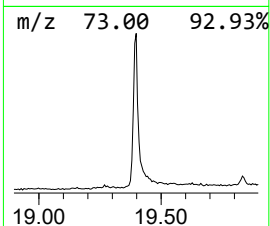
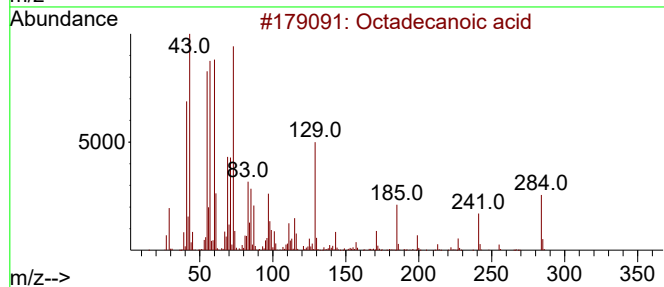
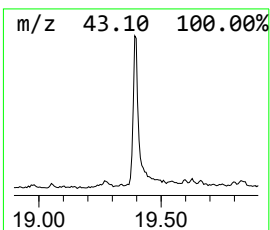
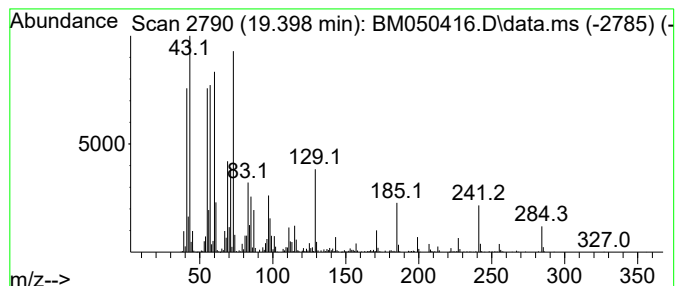
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	5.92 ng	1687640	Chrysene-d12	21.445

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071125\
Data File : BM050416.D
Acq On : 11 Jul 2025 17:08
Operator : RC/JU
Sample : Q2542-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-245

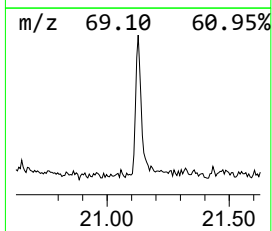
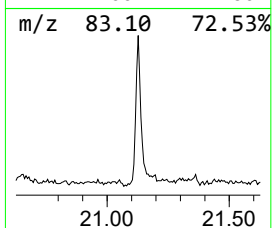
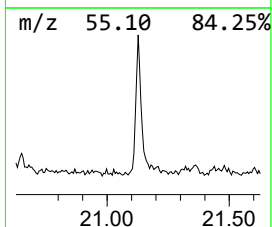
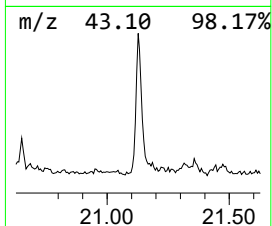
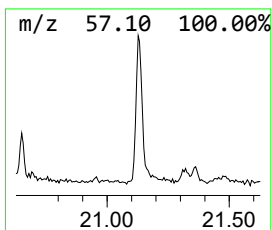
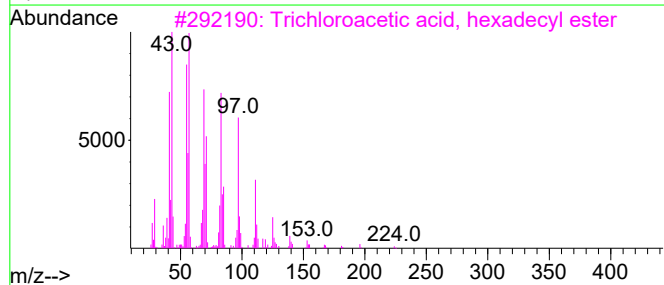
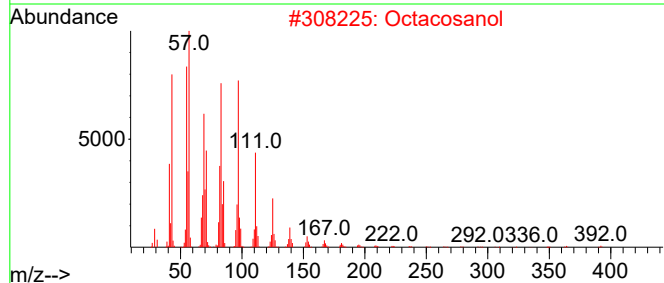
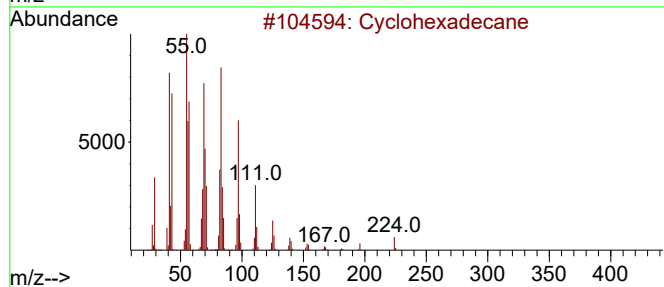
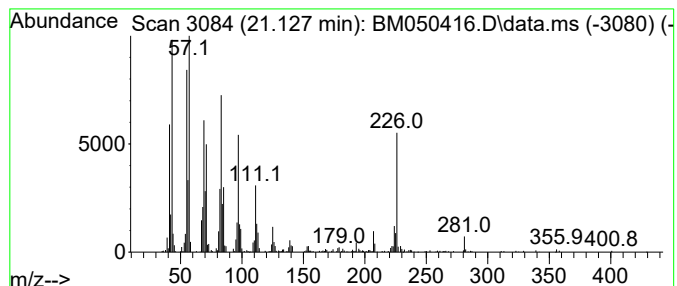
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.127	2.22 ng	632586	Chrysene-d12	21.445

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	90
2			Octacosanol	410	C28H58O	000557-61-9	89
3			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	89
4			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	89
5			Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071125\
Data File : BM050416.D
Acq On : 11 Jul 2025 17:08
Operator : RC/JU
Sample : Q2542-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-245

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.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...	3.040	12.7	ng	1401340	1	7.863	2203710	20.0
2-Pentanone, 4-...	4.969	4.9	ng	541873	1	7.863	2203710	20.0
Benzophenone	15.839	6.2	ng	1116510	3	14.486	3579010	20.0
Tris(1,3-dichlo...	16.692	5.8	ng	1173390	4	17.221	4045960	20.0
n-Hexadecanoic ...	18.121	18.2	ng	3690150	4	17.221	4045960	20.0
Octadecanoic acid	19.398	5.9	ng	1687640	5	21.445	5703130	20.0
Cyclohexadecane	21.127	2.2	ng	632586	5	21.445	5703130	20.0