

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103877.D
 Acq On : 23 Mar 2018 13:54
 Operator : JU/SJ
 Sample : J1997-25
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLAB-CONCRETE-B

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.310	33	38	49	rVB	121596	168283	2.29%	0.379%
2	3.793	284	290	297	rBV	95320	134072	1.82%	0.302%
3	4.628	423	432	435	rBV	3515239	5617437	76.40%	12.663%
4	5.245	525	537	540	rBV	3210014	7352588	100.00%	16.575%
5	5.598	593	597	601	rBV	1992528	1992012	27.09%	4.491%
6	6.598	761	767	770	rBV	2859509	3111479	42.32%	7.014%
7	6.745	787	792	795	rBV	2577473	2320949	31.57%	5.232%
8	6.869	809	813	820	rBV	79178	95771	1.30%	0.216%
9	6.975	827	831	834	rVB	1212871	960878	13.07%	2.166%
10	7.134	853	858	861	rVB	2853994	2644054	35.96%	5.960%
11	7.292	882	885	889	rVB2	140407	136568	1.86%	0.308%
12	7.498	913	920	922	rBV5	46072	79693	1.08%	0.180%
13	7.539	922	927	934	rVB	2162241	2213652	30.11%	4.990%
14	7.616	934	940	943	rBV5	98311	142744	1.94%	0.322%
15	7.757	962	964	966	rVV2	99525	84351	1.15%	0.190%
16	7.851	975	980	984	rBV3	55218	99924	1.36%	0.225%
17	7.892	984	987	993	rVV5	69064	89955	1.22%	0.203%
18	7.951	993	997	1000	rVV	533009	429330	5.84%	0.968%
19	8.257	1045	1049	1054	rBV	1576756	1276339	17.36%	2.877%
20	9.198	1205	1209	1212	rBV	807606	663189	9.02%	1.495%
21	9.333	1224	1232	1235	rBV2	4018839	4731736	64.35%	10.667%
22	9.433	1245	1249	1254	rVB	108336	96458	1.31%	0.217%
23	9.716	1294	1297	1301	rBV	282728	280765	3.82%	0.633%
24	9.927	1329	1333	1337	rVB	161118	121524	1.65%	0.274%
25	10.016	1344	1348	1355	rVB2	1601257	1387513	18.87%	3.128%
26	10.404	1411	1414	1416	rBV	164781	134404	1.83%	0.303%
27	10.427	1416	1418	1421	rVB2	193597	150594	2.05%	0.339%
28	10.804	1478	1482	1487	rBV	1193122	1056997	14.38%	2.383%
29	10.904	1496	1499	1504	rBV	195674	246057	3.35%	0.555%
30	11.351	1573	1575	1578	rBV	110379	96833	1.32%	0.218%
31	11.380	1578	1580	1583	rVB2	125436	113375	1.54%	0.256%
32	11.510	1598	1602	1605	rBV	1458733	1250106	17.00%	2.818%
33	11.780	1646	1648	1651	rVB	92230	75030	1.02%	0.169%
34	13.098	1868	1872	1875	rVB	2837257	2696011	36.67%	6.077%

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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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35	13.974	2019	2021	2026	rVB	290623	268125	3.65%	0.604%
36	14.121	2043	2046	2049	rBV	241513	214173	2.91%	0.483%
37	14.163	2050	2053	2058	rVB	983577	899233	12.23%	2.027%
38	15.709	2311	2316	2324	rVB2	692255	928337	12.63%	2.093%

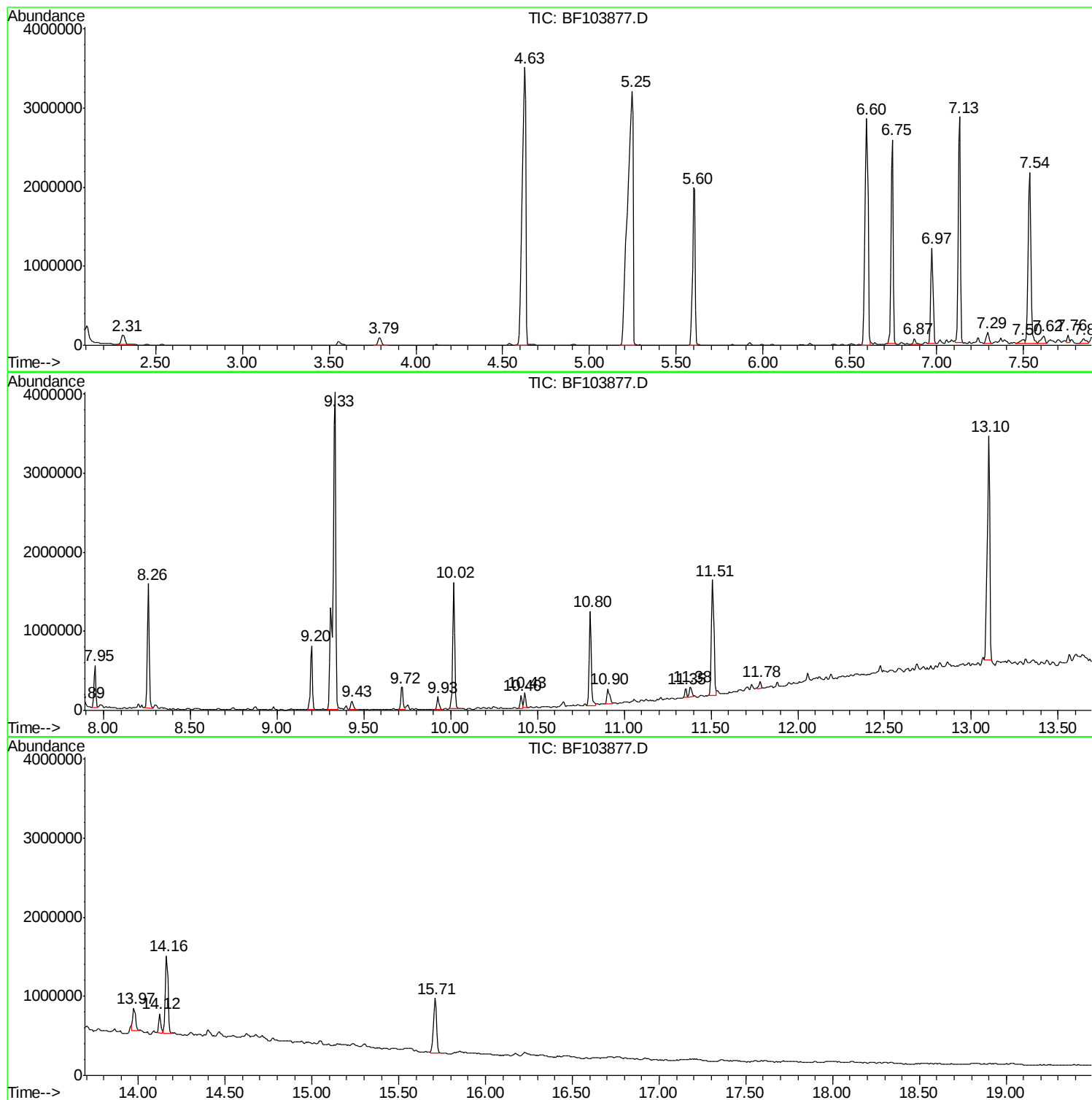
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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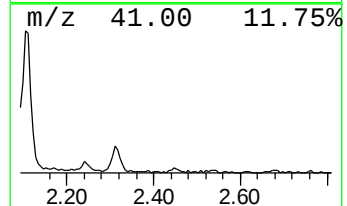
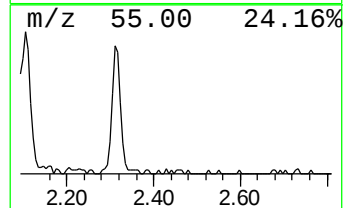
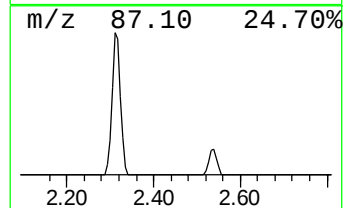
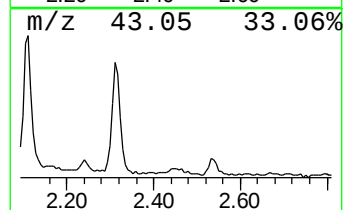
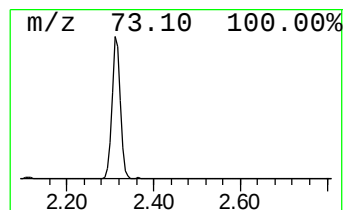
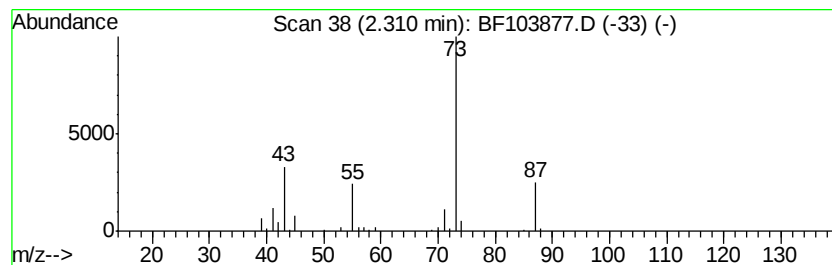
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.31	3.50 ng	168283	1,4-Dichlorobenzene-d4	6.97

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	39
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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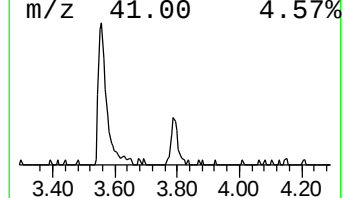
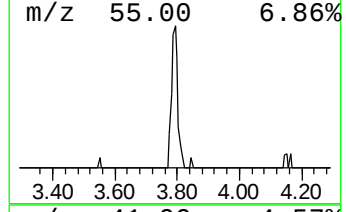
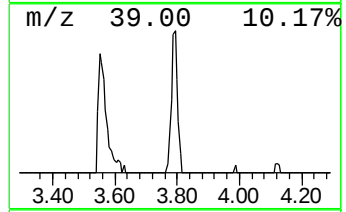
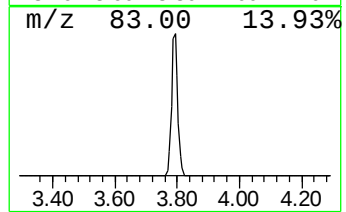
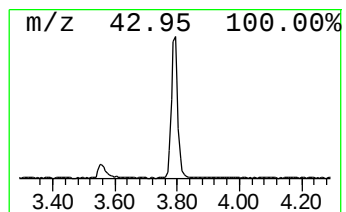
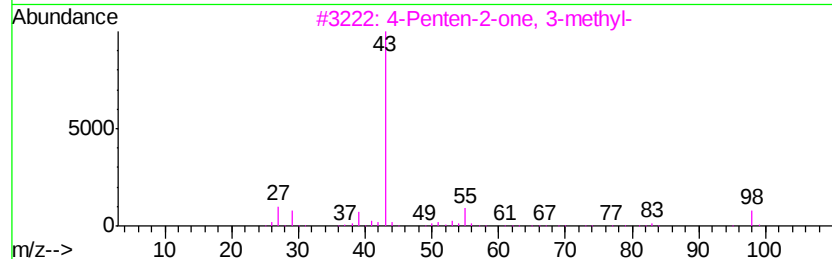
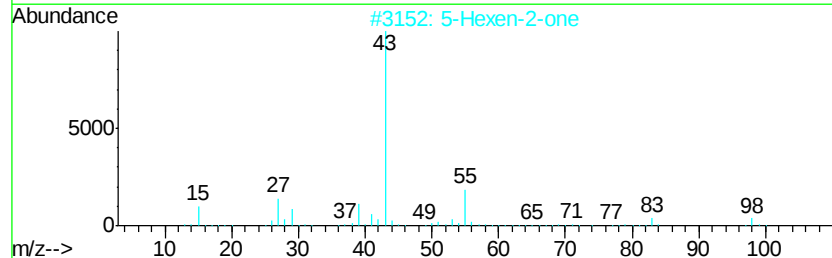
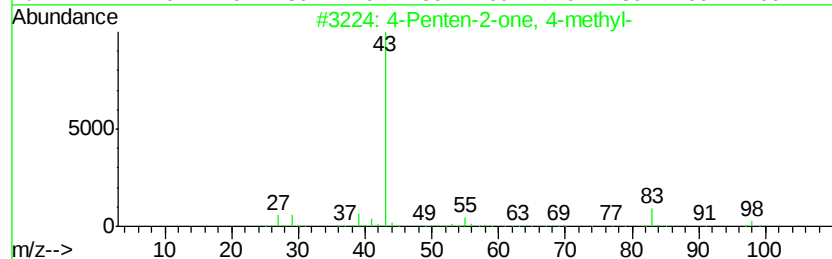
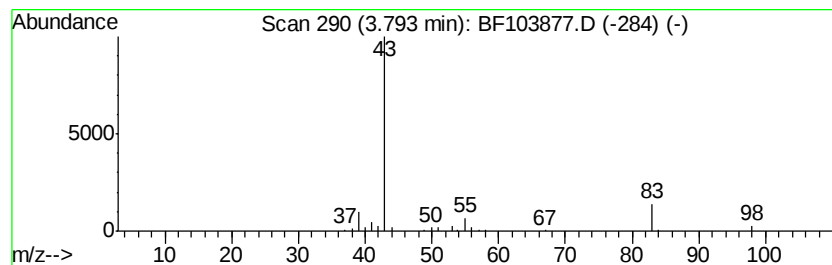
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 4-Penten-2-one, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	2.79 ng	134072	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	80
2			5-Hexen-2-one	98	C6H10O	000109-49-9	50
3			4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	38
4			4-Hexen-2-one	98	C6H10O	025659-22-7	9
5			3,5-Hexadien-2-ol	98	C6H10O	003280-51-1	7



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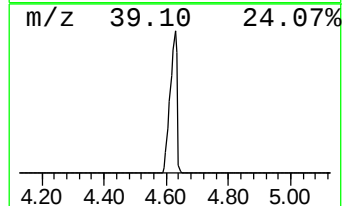
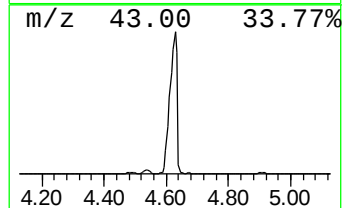
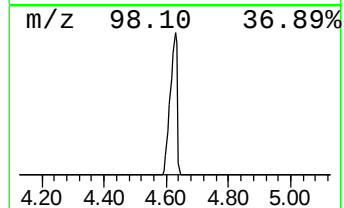
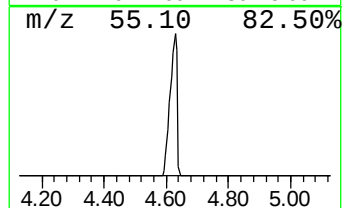
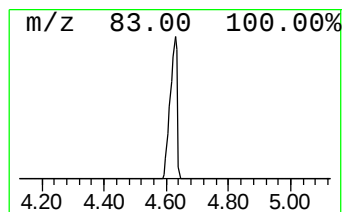
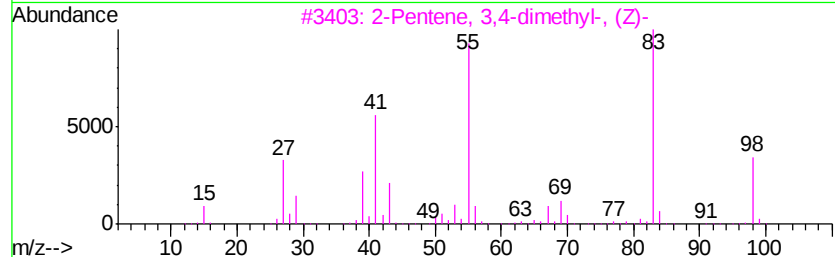
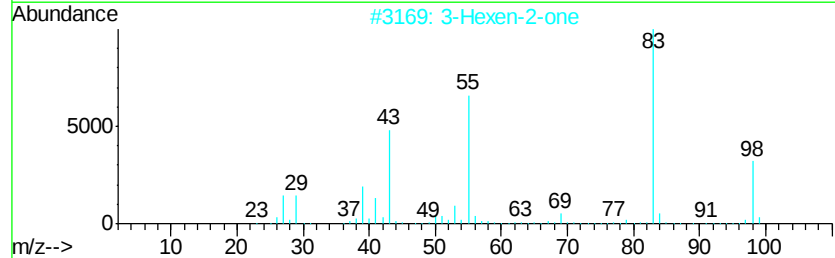
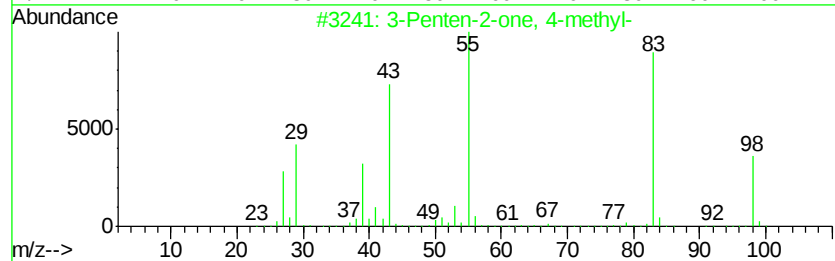
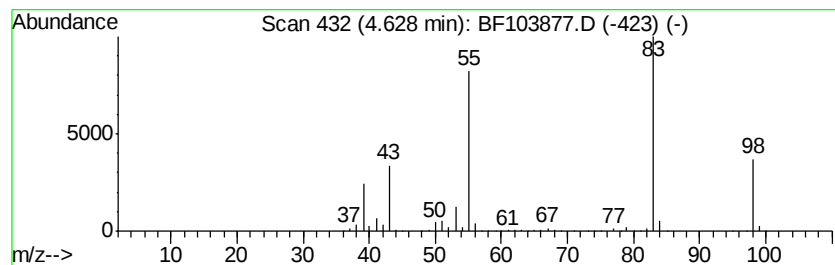
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	116.92 ng	5617440	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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-, (Z)-	98	C7H14	004914-91-4	86
4		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
5		Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78



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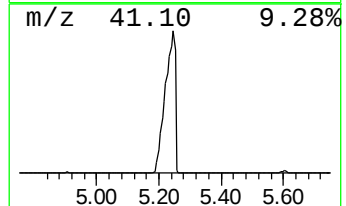
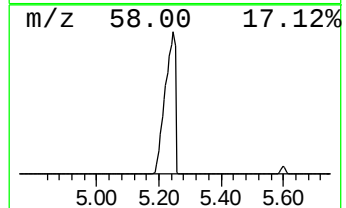
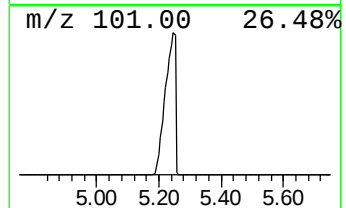
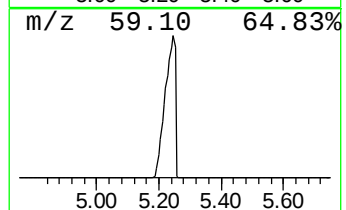
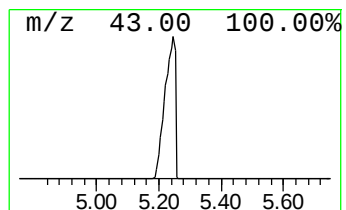
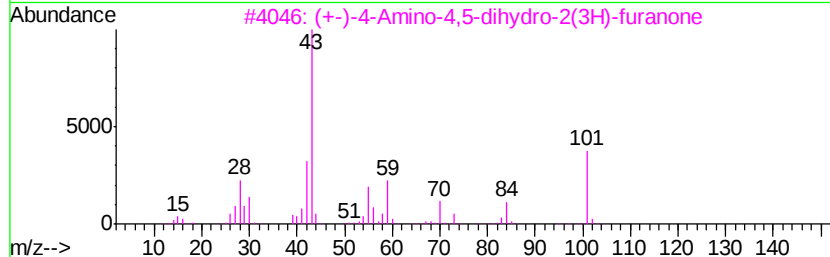
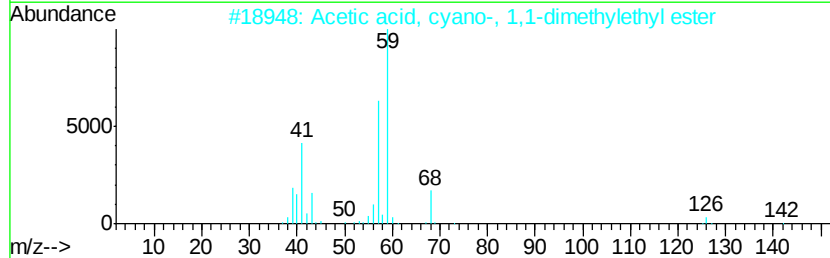
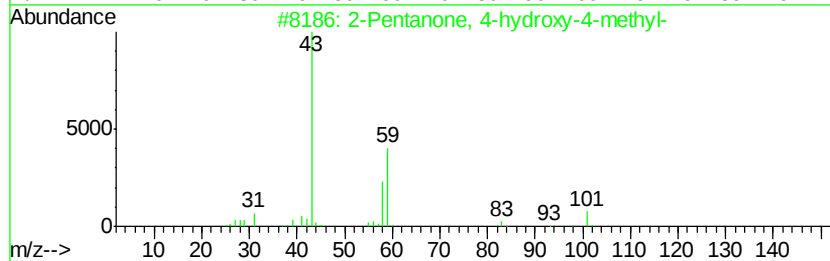
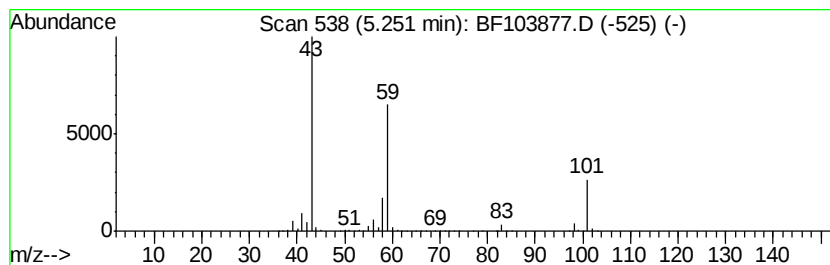
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	153.04 ng	7352590	1,4-Dichlorobenzene-d4	6.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2		000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2		001116-98-9	25
3	(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2		016504-58-8	9
4	Butane, 1-ethoxy-	102	C6H14O		000628-81-9	9
5	5-Hexen-2-one	98	C6H10O		000109-49-9	9



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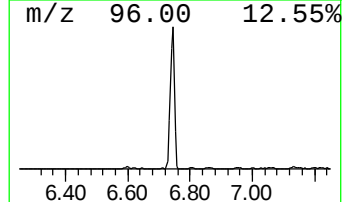
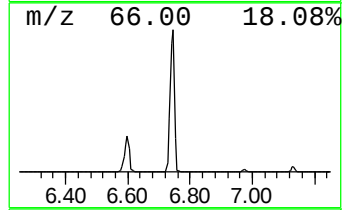
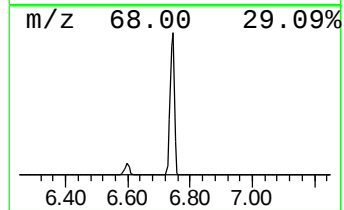
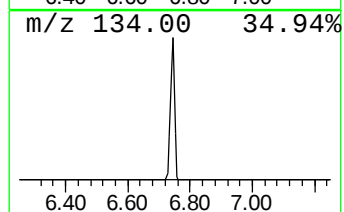
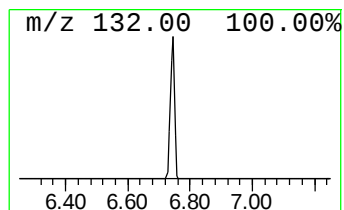
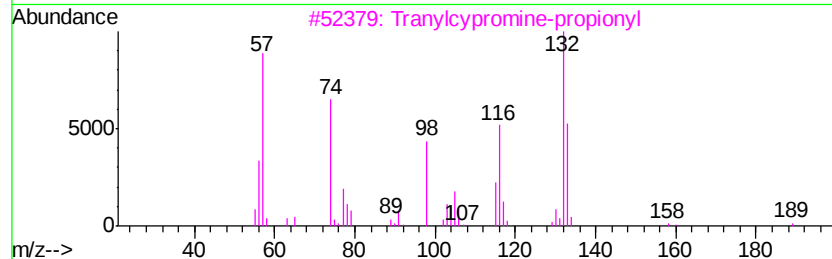
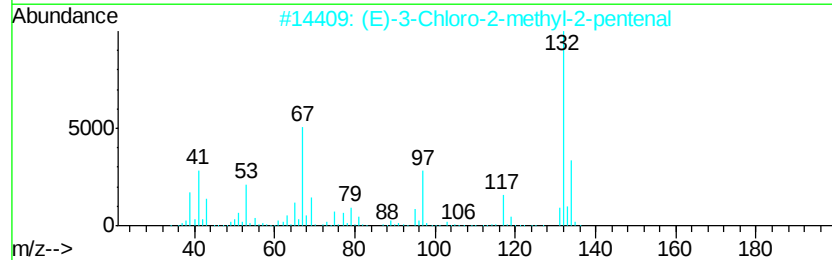
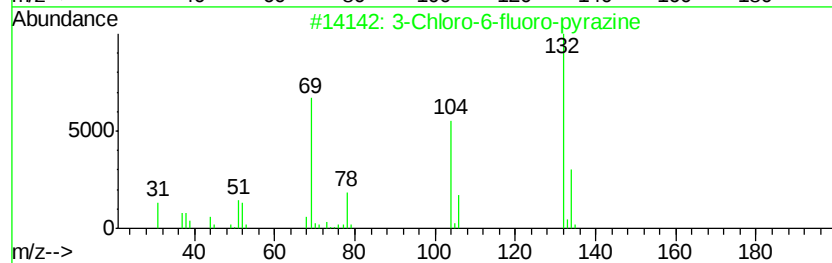
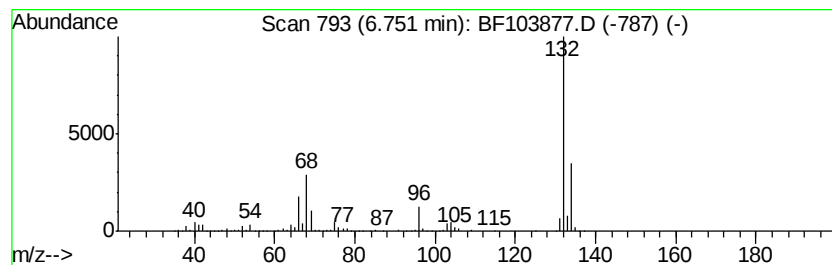
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown6.75 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	48.31 ng	2320950	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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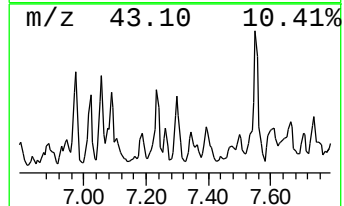
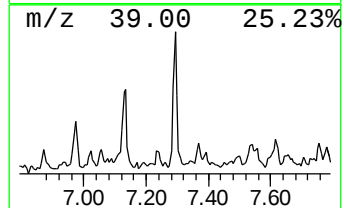
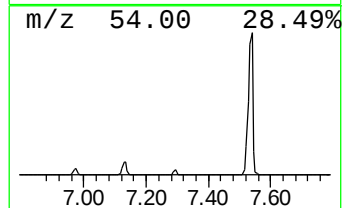
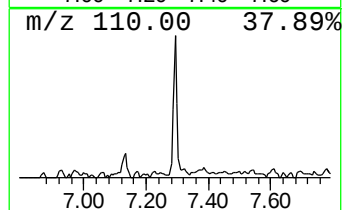
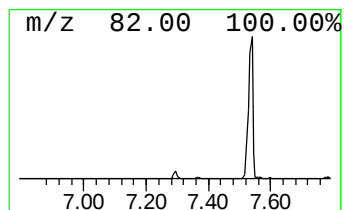
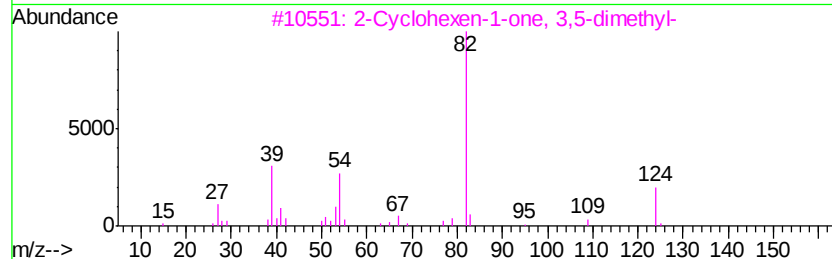
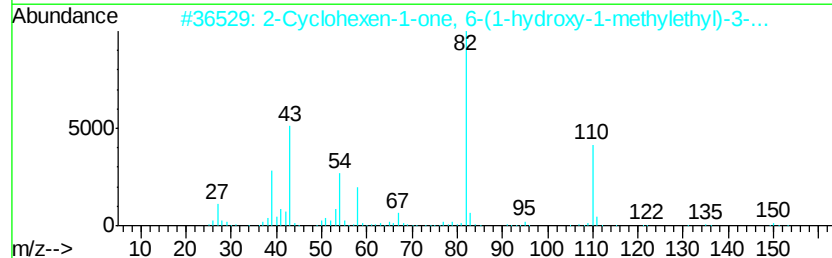
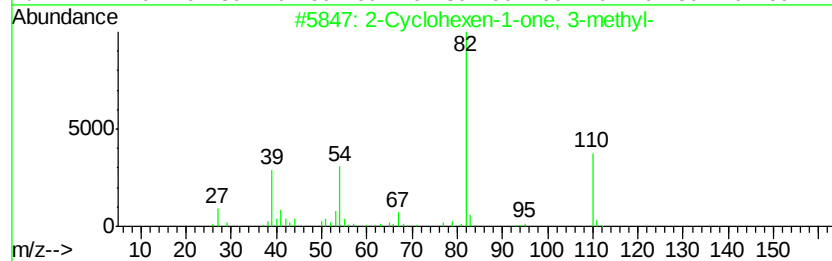
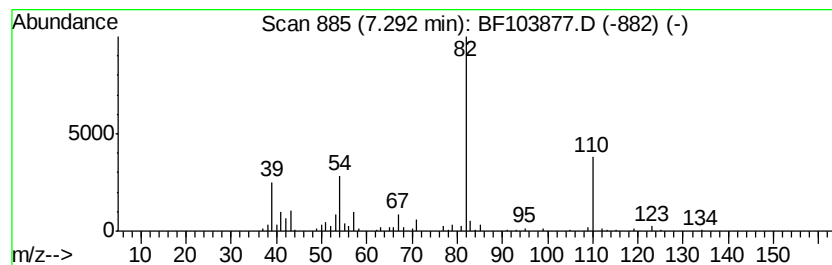
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	2.84 ng	136568	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	81
2			2-Cyclohexen-1-one, 6-(1-hydroxy...	168	C10H16O2	087791-00-2	56
3			2-Cyclohexen-1-one, 3,5-dimethyl-	124	C8H12O	001123-09-7	53
4			1H-Pyrazole, 1-methyl-	82	C4H6N2	000930-36-9	47
5			1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103877.D
Acq On : 23 Mar 2018 13:54
Operator : JU/SJ
Sample : J1997-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLAB-CONCRETE-B

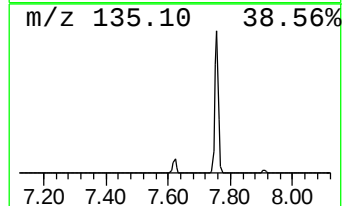
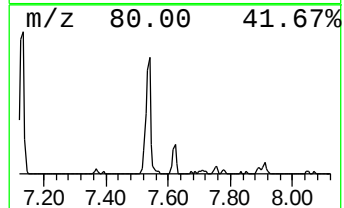
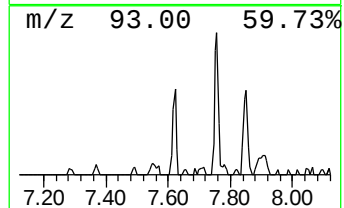
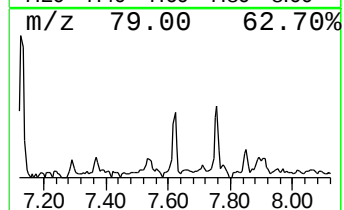
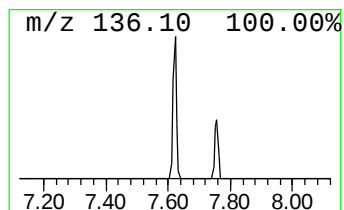
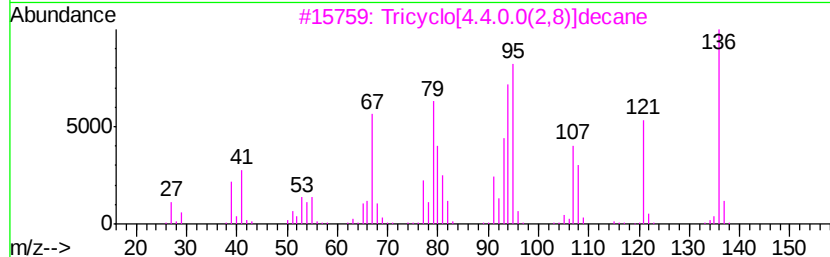
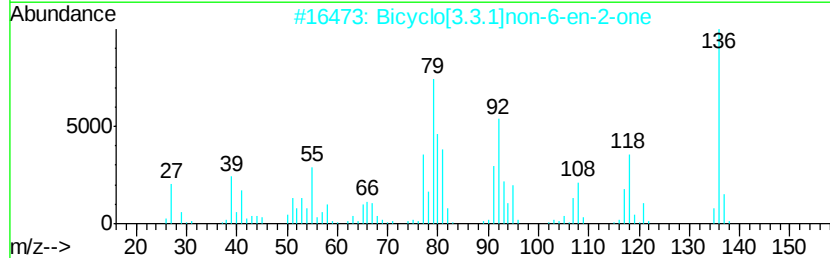
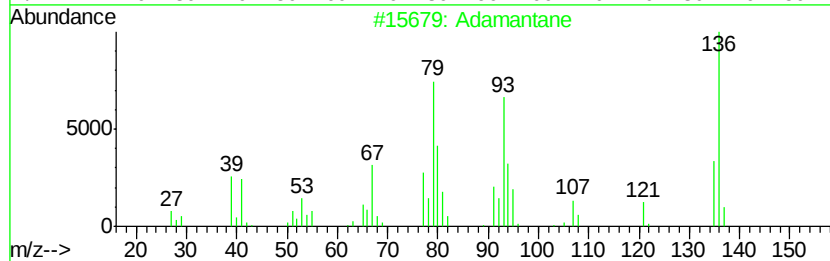
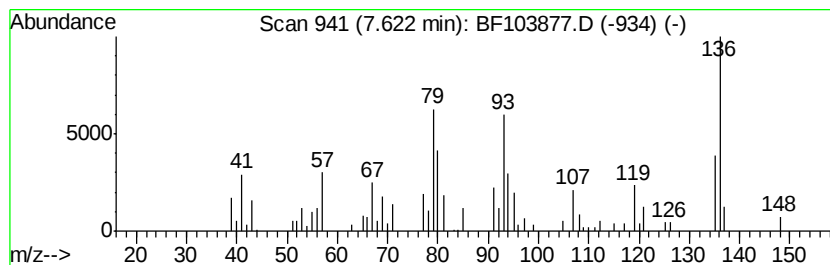
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Adamantane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	2.24 ng	142744	Naphthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane	136	C10H16	000281-23-2	89
2		Bicyclo[3.3.1]non-6-en-2-one	136	C9H12O	022482-58-2	42
3		Tricyclo[4.4.0.0(2,8)]decane	136	C10H16	049700-59-6	30
4		Bicyclo[3.3.1]non-2-en-9-one	136	C9H12O	004844-11-5	30
5		2,4-Decadien-1-ol, (E,Z)-	154	C10H18O	016195-71-4	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103877.D
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Sample : J1997-25
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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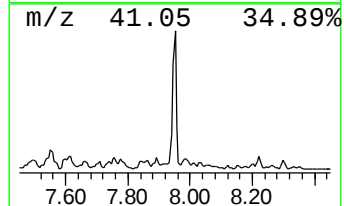
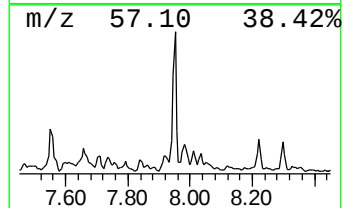
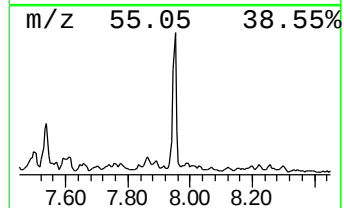
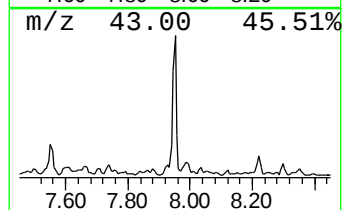
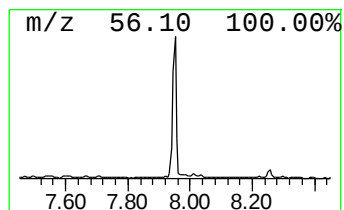
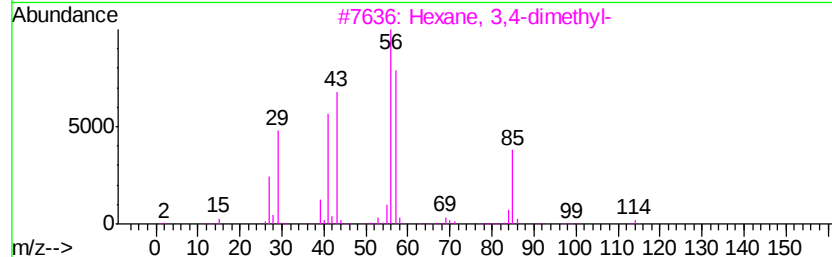
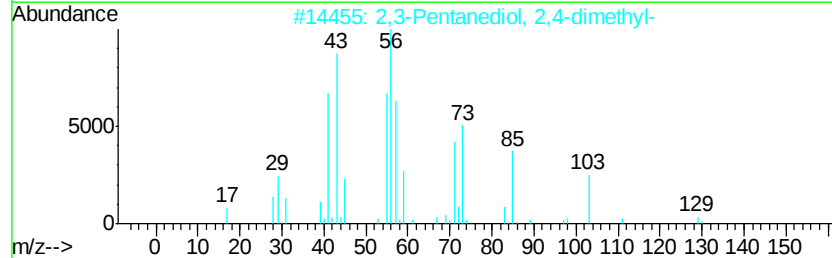
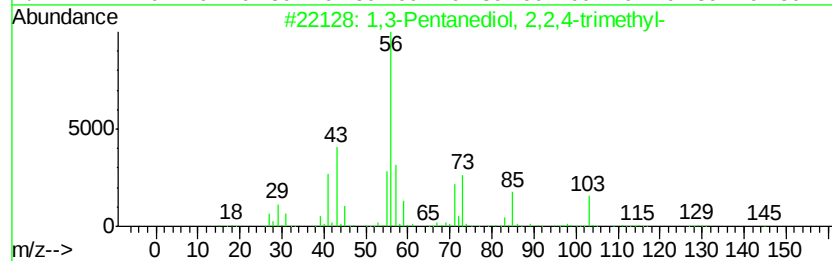
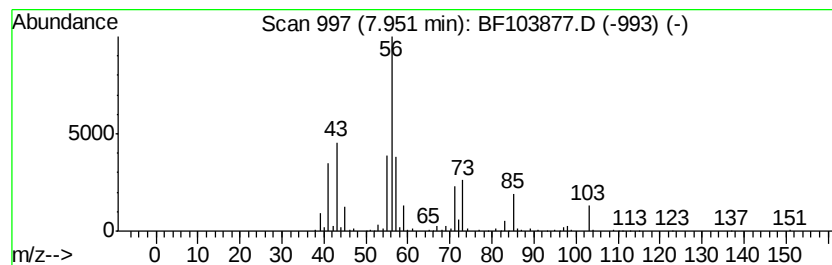
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 1,3-Pentanediol, 2,2,4-trim... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	6.73 ng	429330	Napthalene-d8	8.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	90
2			2,3-Pentanediol, 2,4-dimethyl-	132	C7H16O2	066225-53-4	59
3			Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	43
4			1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	38
5			1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103877.D
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ALS Vial : 13 Sample Multiplier: 1

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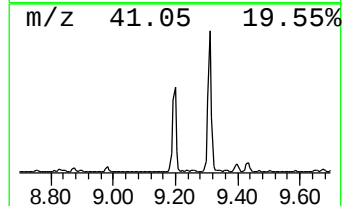
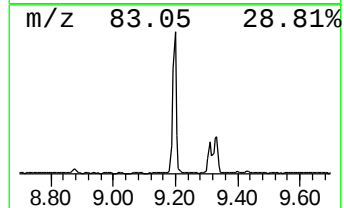
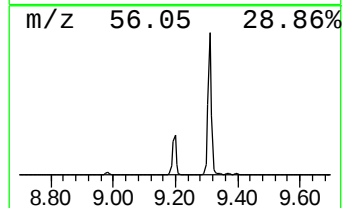
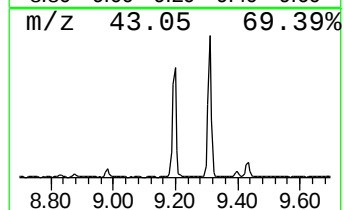
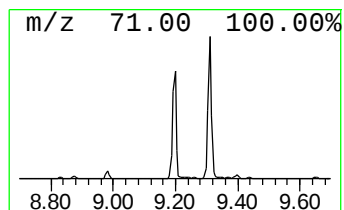
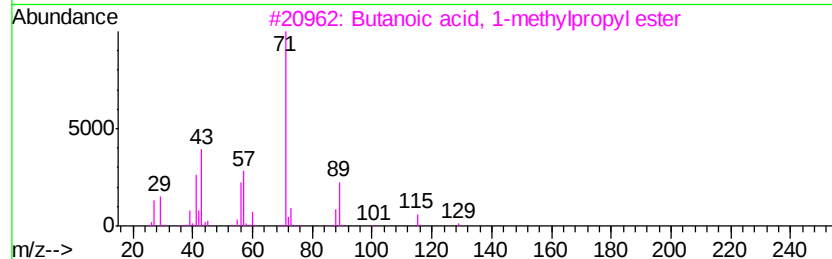
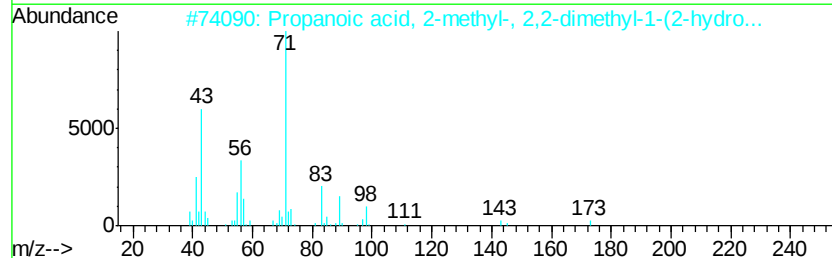
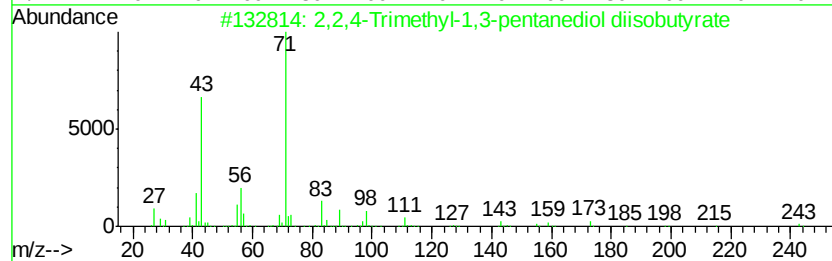
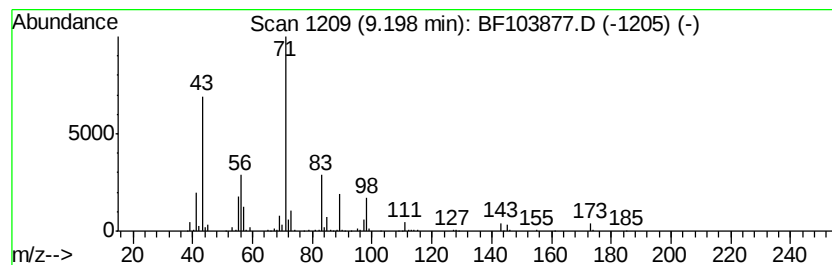
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 2,2,4-Trimethyl-1,3-pentane... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	9.56 ng	663189	Acenaphthene-d10	10.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	72
2			Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	72
3			Butanoic acid, 1-methylpropyl ester	144	C8H16O2	000819-97-6	42
4			Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	42
5			Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
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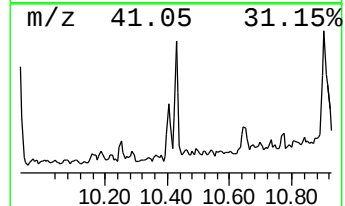
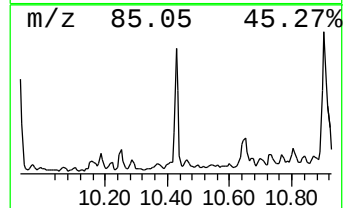
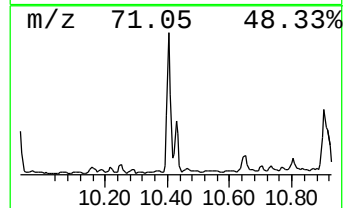
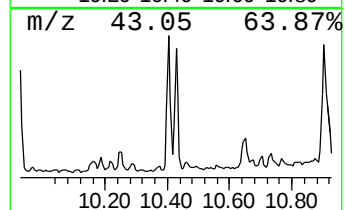
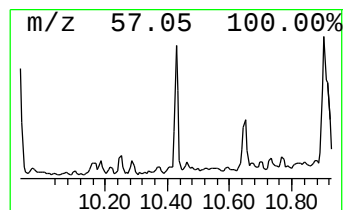
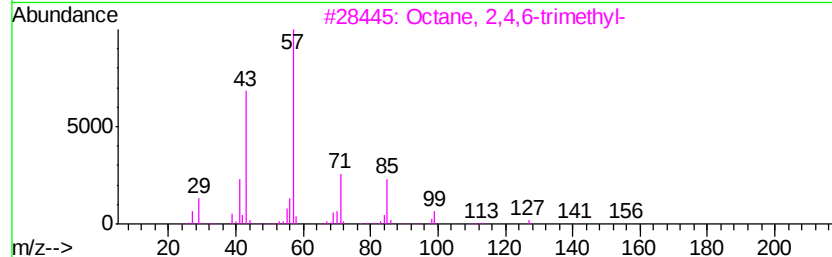
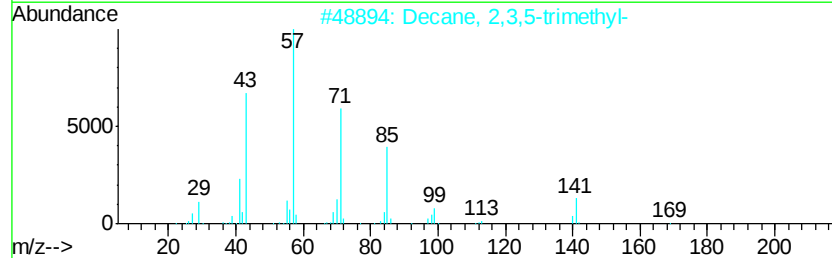
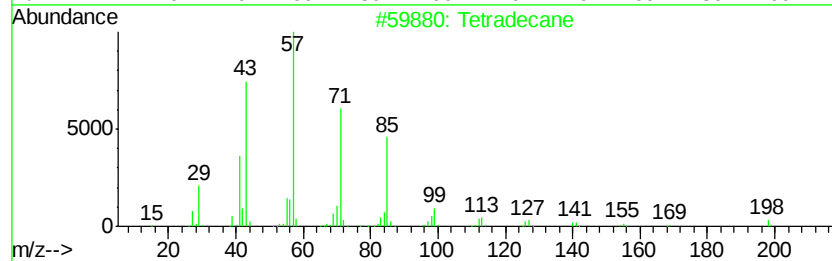
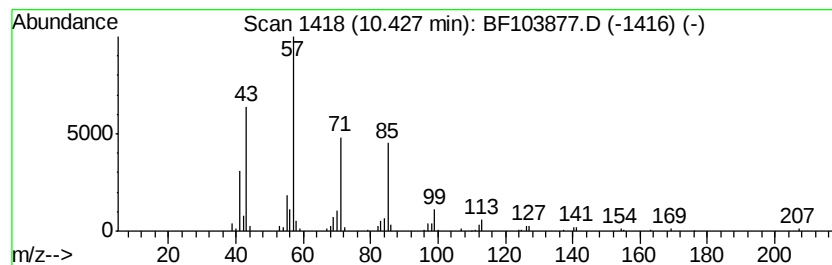
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 11 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	2.17 ng	150594	Acenaphthene-d10	10.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 91
2		Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3 90
3		Octane, 2,4,6-trimethyl-	156 C11H24	062016-37-9 78
4		Heptadecane	240 C17H36	000629-78-7 74
5		Hexadecane	226 C16H34	000544-76-3 72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032318\
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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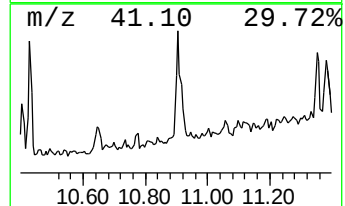
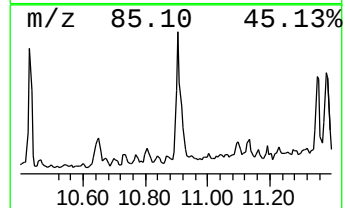
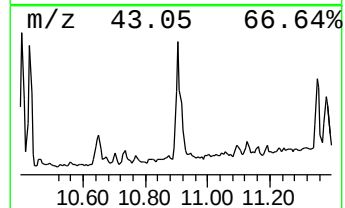
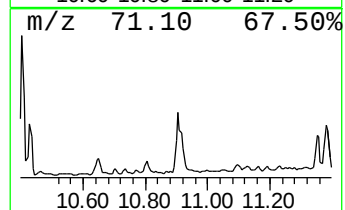
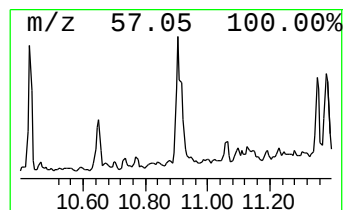
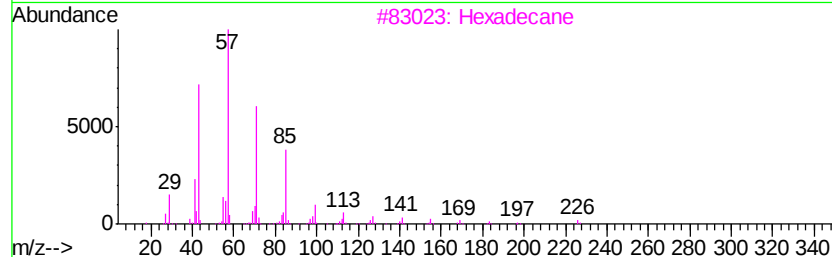
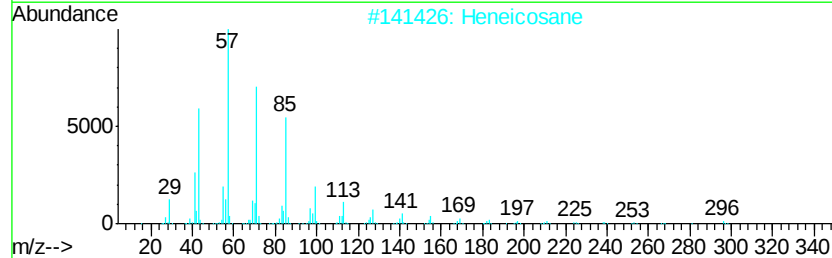
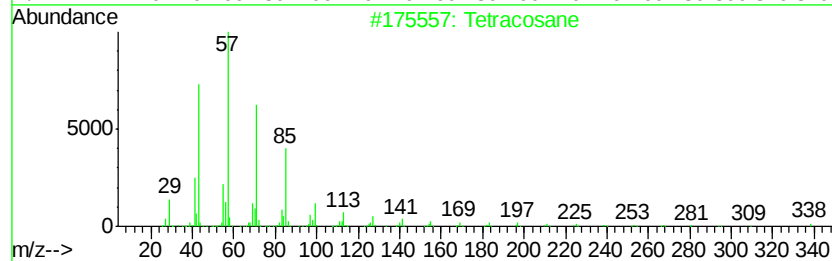
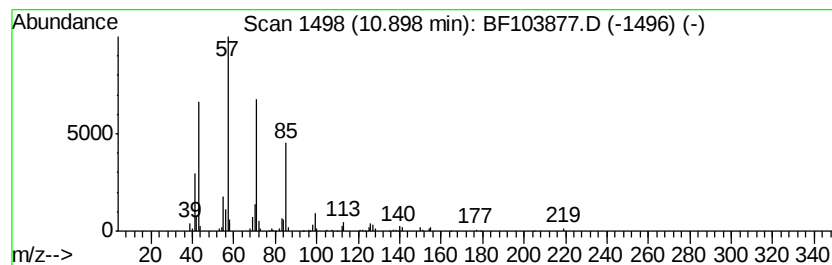
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	3.94 ng	246057	Phenanthrene-d10	11.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	90
2			Heneicosane	296	C21H44	000629-94-7	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	86
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
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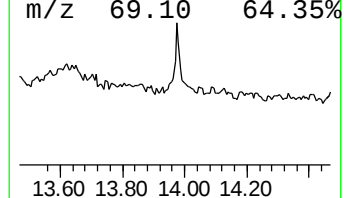
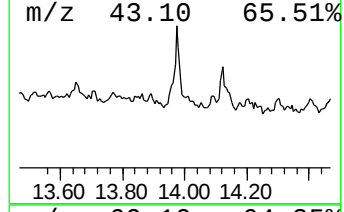
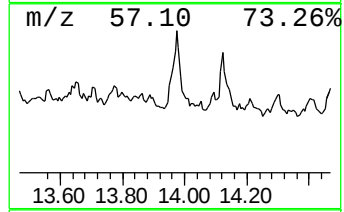
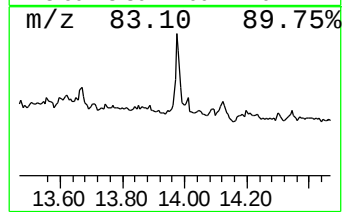
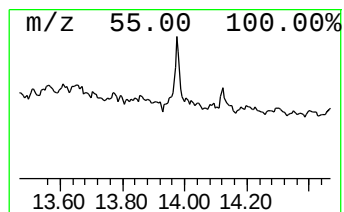
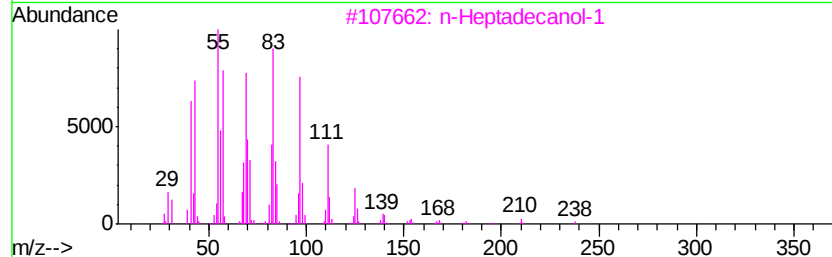
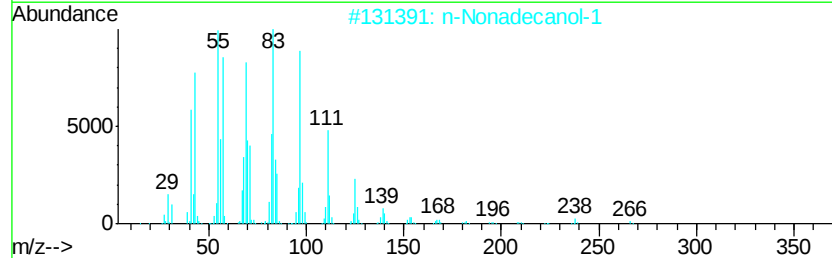
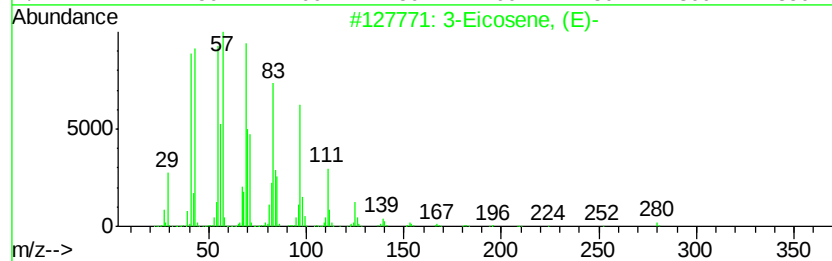
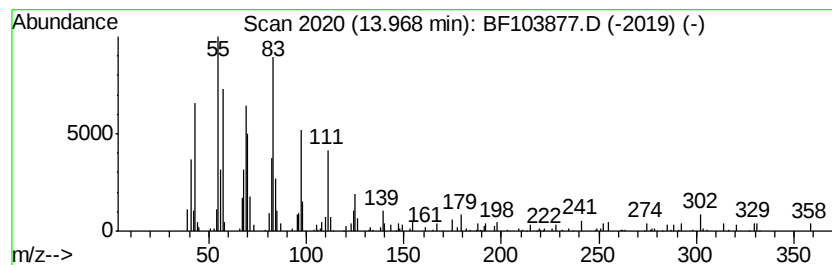
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TIC Integration Parameters: LSCINT.P

Peak Number 13 3-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.97	5.96 ng	268125	Chrysene-d12	14.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032318\
 Data File : BF103877.D
 Acq On : 23 Mar 2018 13:54
 Operator : JU/SJ
 Sample : J1997-25
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLAB-CONCRETE-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.31	3.5	ng	168283	1	6.97	960878	20.0
4-Penten-2-one, 4...	3.79	2.8	ng	134072	1	6.97	960878	20.0
3-Penten-2-one, 4...	4.63	116.9	ng	5617440	1	6.97	960878	20.0
2-Pentanone, 4-hy...	5.25	153.0	ng	7352590	1	6.97	960878	20.0
unknown6.75	6.75	48.3	ng	2320950	1	6.97	960878	20.0
2-Cyclohexen-1-on...	7.29	2.8	ng	136568	1	6.97	960878	20.0
Adamantane	7.62	2.2	ng	142744	2	8.26	1276340	20.0
1,3-Pentanediol, ...	7.95	6.7	ng	429330	2	8.26	1276340	20.0
2,2,4-Trimethyl-1...	9.20	9.6	ng	663189	3	10.02	1387510	20.0
Tetradecane	10.43	2.2	ng	150594	3	10.02	1387510	20.0
Tetracosane	10.90	3.9	ng	246057	4	11.51	1250110	20.0
3-Eicosene, (E)-	13.97	6.0	ng	268125	5	14.16	899233	20.0