

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112123.D
 Acq On : 18 Jan 2019 13:19
 Operator : JU/SJ
 Sample : K1157-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-06-011519

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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	2.163	8	13	19	rVB	155061	223485	2.85%	0.337%
2	5.087	505	510	519	rVB	317012	429531	5.47%	0.649%
3	5.498	575	580	583	rBV	6548527	6321466	80.57%	9.546%
4	6.404	730	734	740	rBV	81937	80412	1.02%	0.121%
5	6.504	746	751	769	rBV	5837061	6730098	85.78%	10.163%
6	6.633	769	773	777	rBV	6992584	6934747	88.39%	10.472%
7	6.857	807	811	818	rBV	1845718	1506461	19.20%	2.275%
8	7.016	834	838	841	rBV	6487603	5684190	72.45%	8.583%
9	7.416	901	906	910	rBV	4045991	4362649	55.61%	6.588%
10	8.139	1025	1029	1032	rBV	2098992	1825368	23.27%	2.756%
11	9.216	1207	1212	1215	rBV	8295699	7845761	100.00%	11.847%
12	9.604	1274	1278	1282	rBV	624146	522475	6.66%	0.789%
13	9.892	1323	1327	1331	rBV	2280168	1894830	24.15%	2.861%
14	10.686	1457	1462	1465	rBV	4047893	4098101	52.23%	6.188%
15	11.380	1576	1580	1582	rBV	1823087	1633840	20.82%	2.467%
16	11.404	1582	1584	1587	rVB	296652	245915	3.13%	0.371%
17	11.904	1666	1669	1673	rVB2	306545	253802	3.23%	0.383%
18	11.992	1681	1684	1686	rBV	78063	80482	1.03%	0.122%
19	12.592	1782	1786	1790	rBV	540998	442219	5.64%	0.668%
20	12.821	1820	1825	1832	rBV	466807	485660	6.19%	0.733%
21	12.963	1845	1849	1852	rBV	6292873	5853435	74.61%	8.839%
22	13.533	1940	1946	1948	rBV3	67897	86254	1.10%	0.130%
23	13.657	1964	1967	1971	rVB	73016	79940	1.02%	0.121%
24	13.851	1997	2000	2009	rVB2	667016	750932	9.57%	1.134%
25	14.021	2021	2029	2031	rBV2	1833528	1967023	25.07%	2.970%
26	14.045	2031	2033	2040	rVB	293887	274069	3.49%	0.414%
27	14.174	2052	2055	2060	rBV	169215	183387	2.34%	0.277%
28	14.486	2104	2108	2113	rBV	403606	473035	6.03%	0.714%
29	14.786	2156	2159	2164	rBV	309569	322207	4.11%	0.487%
30	14.862	2169	2172	2176	rBV	82889	91712	1.17%	0.138%
31	15.062	2202	2206	2213	rBV	248009	447571	5.70%	0.676%
32	15.127	2213	2217	2219	rBV	394850	426988	5.44%	0.645%
33	15.368	2254	2258	2264	rVB	146249	211420	2.69%	0.319%
34	15.427	2264	2268	2274	rVB	204164	248103	3.16%	0.375%

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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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.492	2274	2279	2290	rBV	1435259	2172447	27.69%	3.280%
36	15.945	2351	2356	2360	rBV	339064	471905	6.01%	0.713%
37	15.992	2361	2364	2372	rVB3	80786	149462	1.91%	0.226%
38	16.451	2437	2442	2447	rBV2	141194	238691	3.04%	0.360%
39	17.039	2539	2542	2549	rVB3	96887	173586	2.21%	0.262%

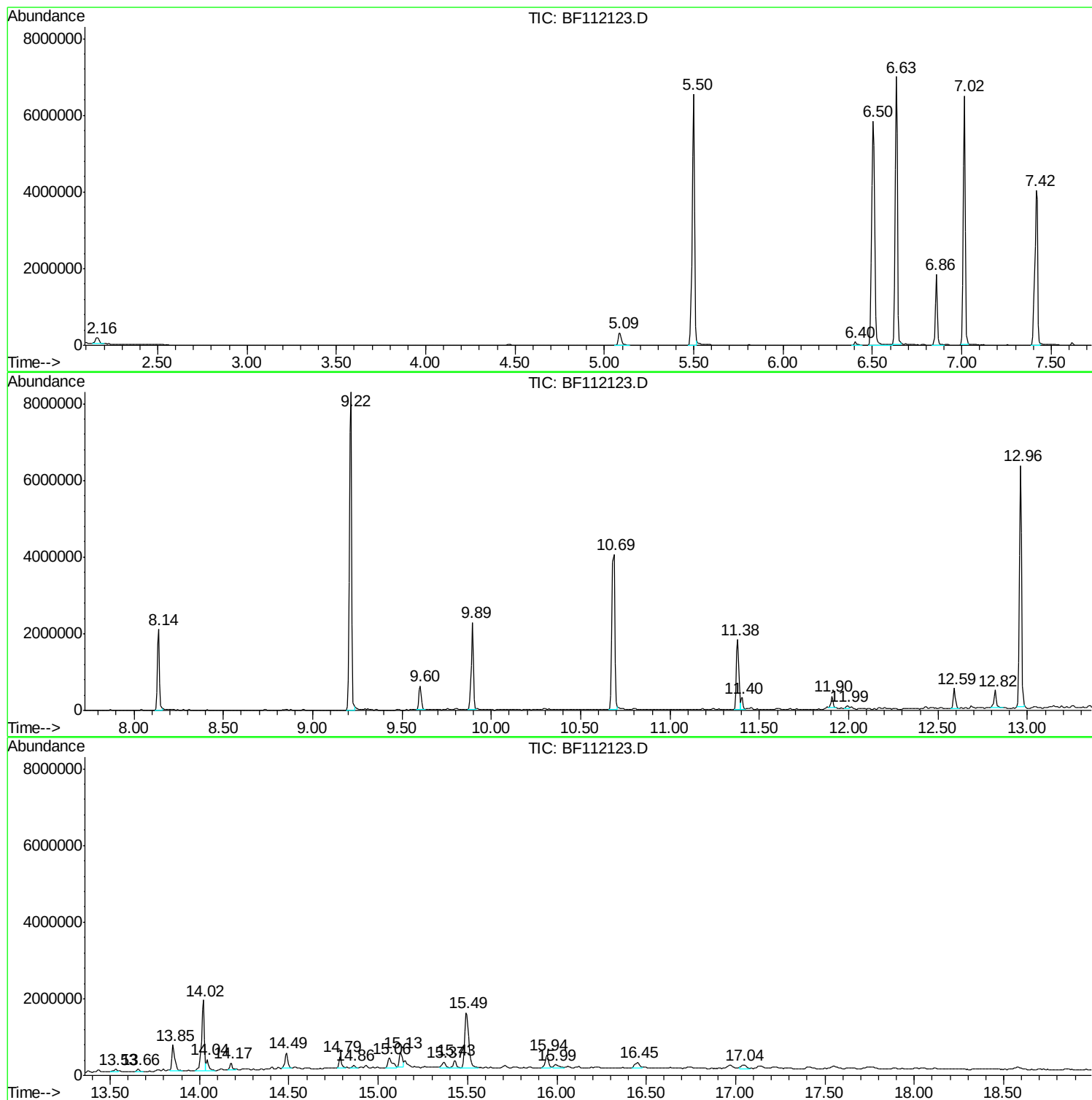
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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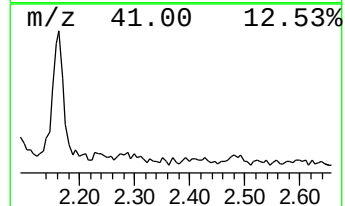
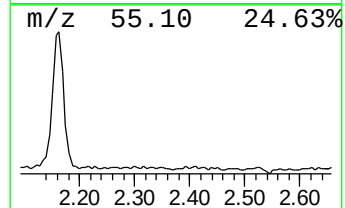
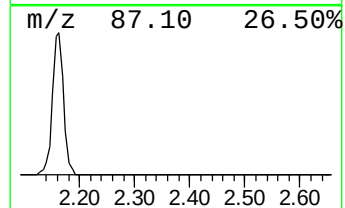
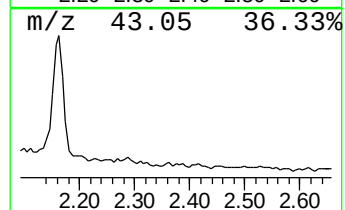
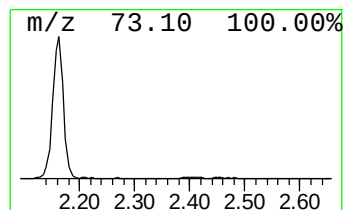
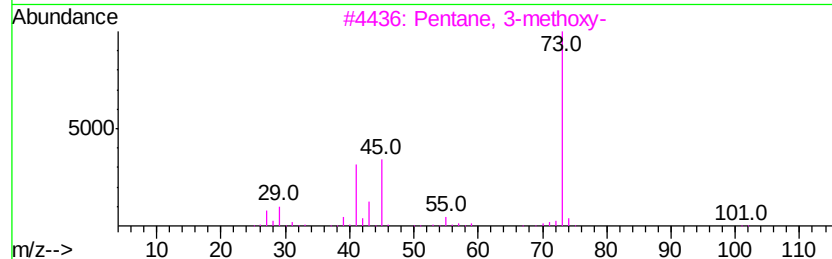
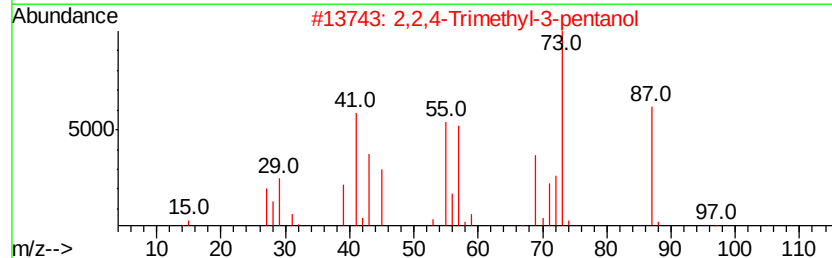
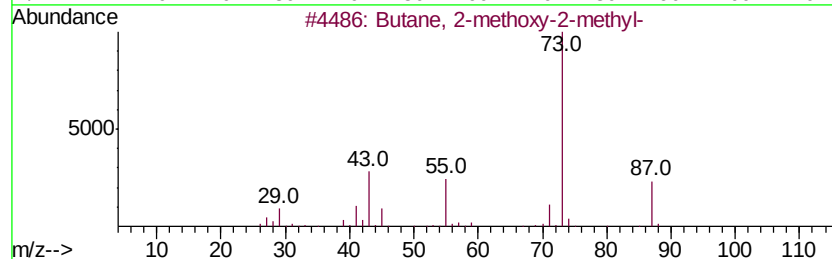
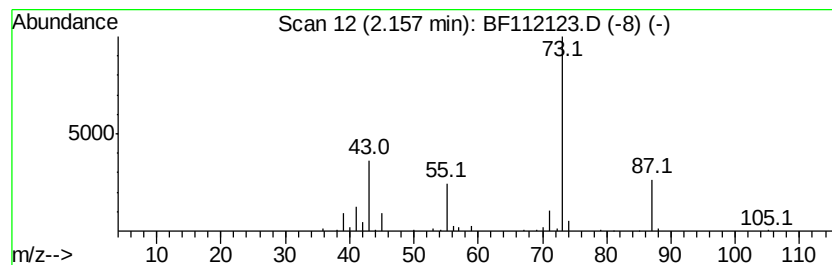
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.16	2.97 ng	223485	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10



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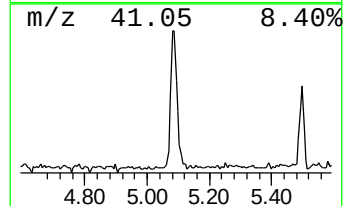
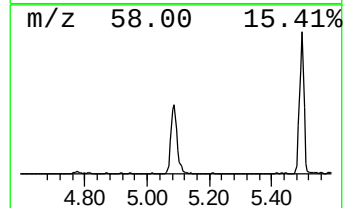
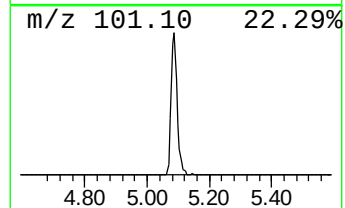
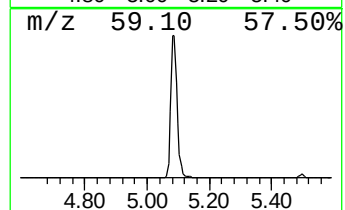
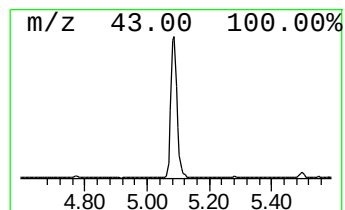
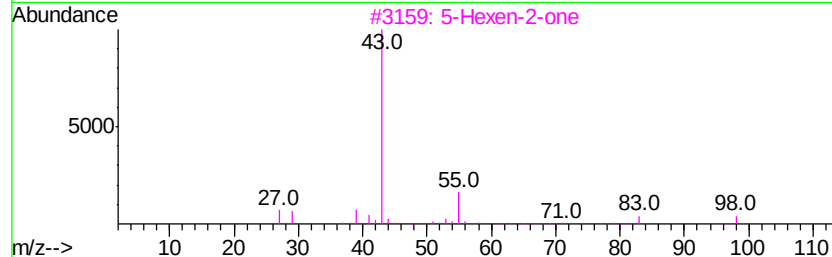
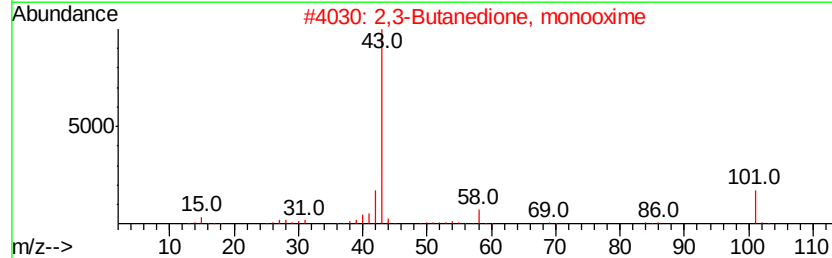
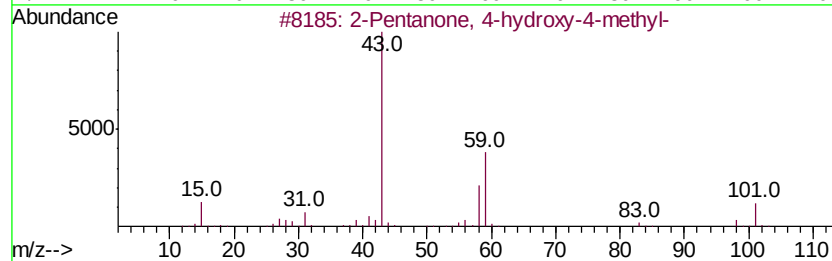
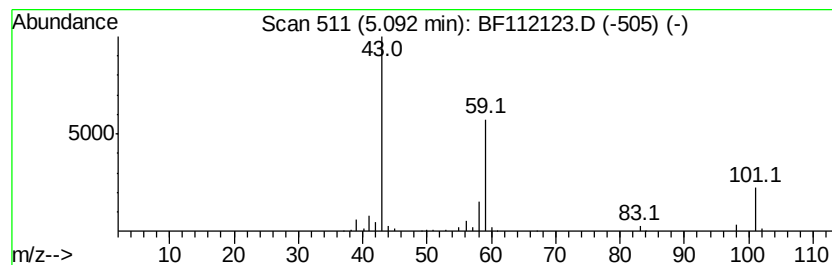
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	5.70 ng	429531	1,4-Dichlorobenzene-d4	6.86

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	25
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5			2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9



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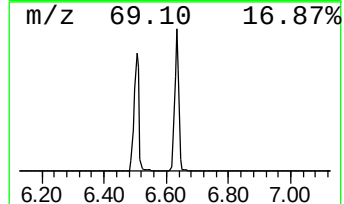
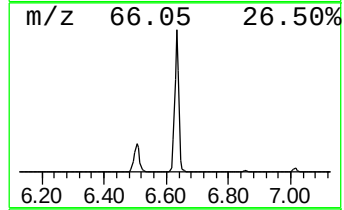
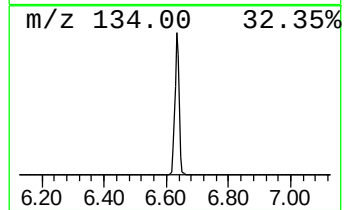
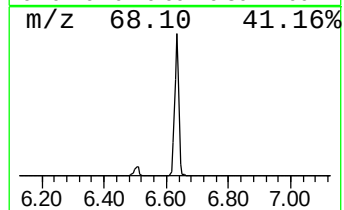
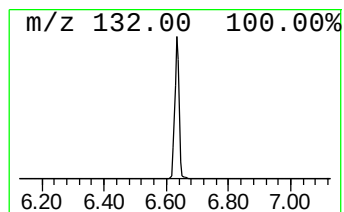
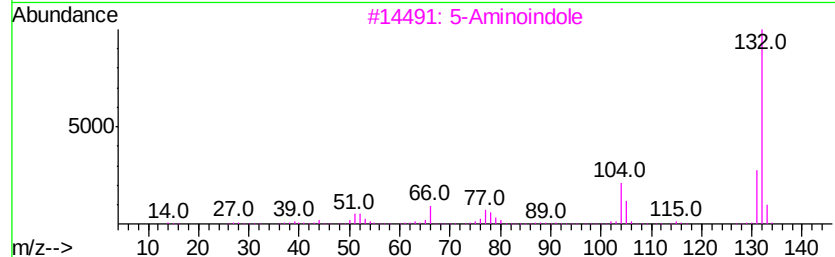
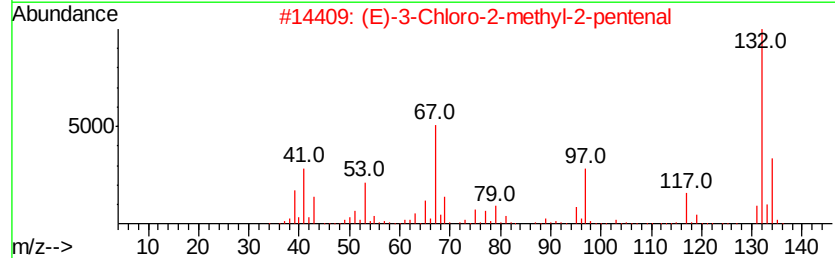
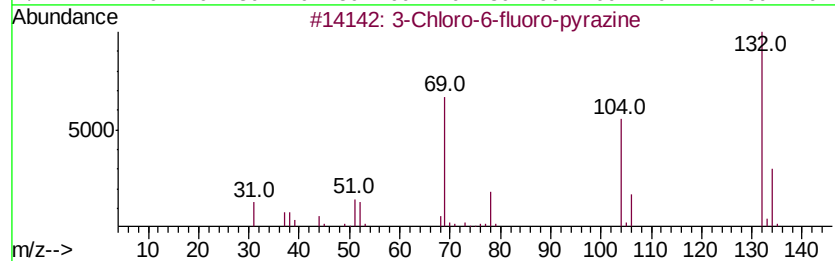
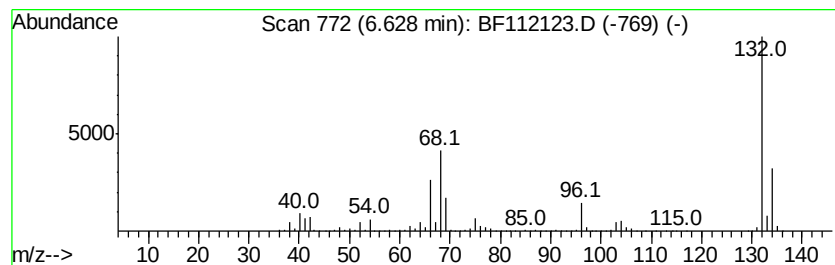
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	92.07 ng	6934750	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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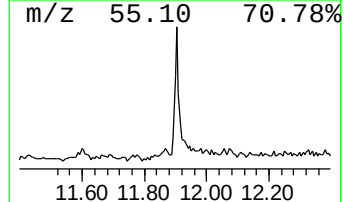
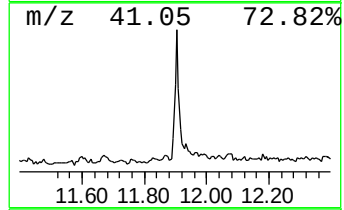
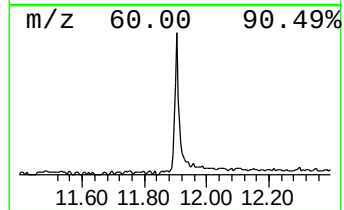
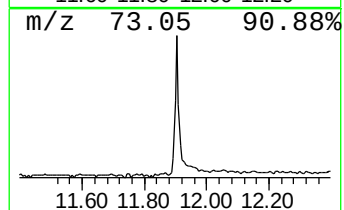
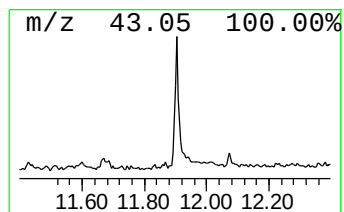
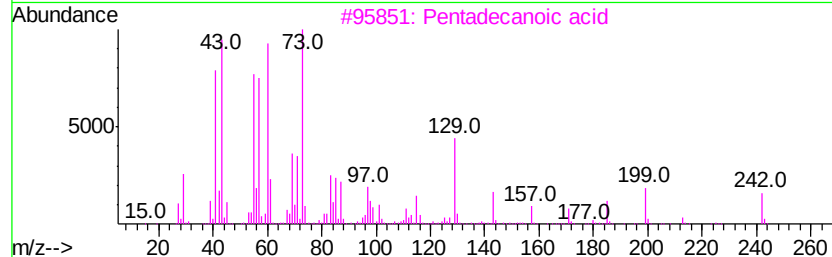
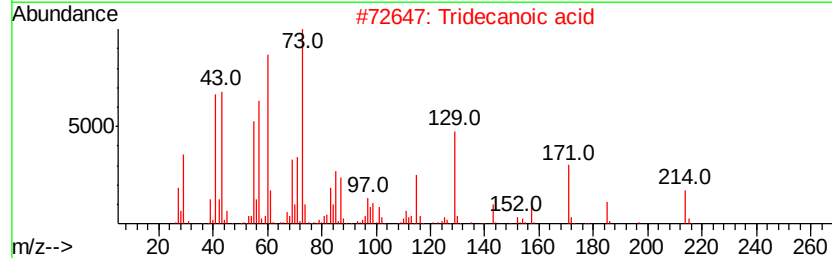
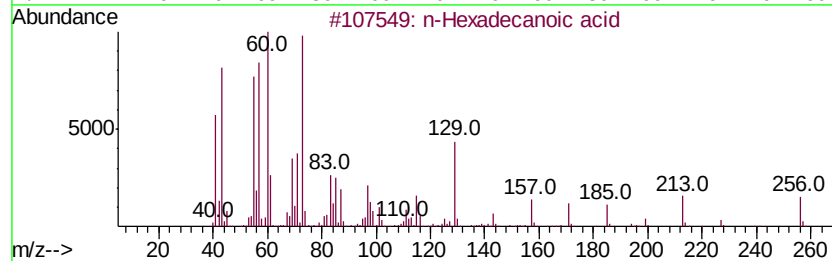
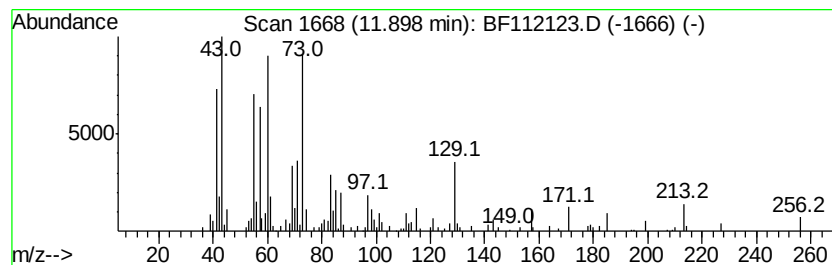
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 5 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.90	3.11 ng	253802	Phenanthrene-d10		11.38
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	20



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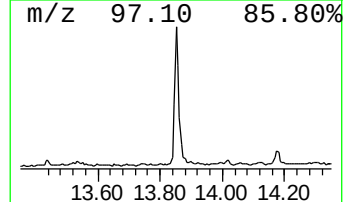
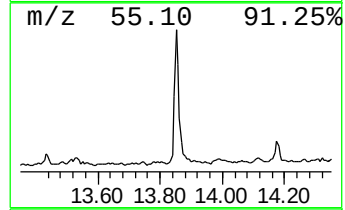
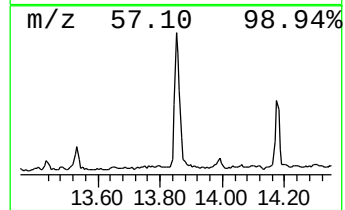
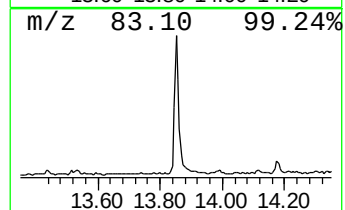
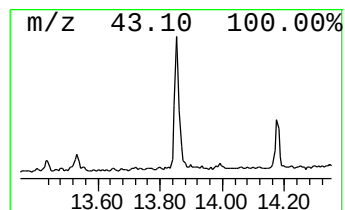
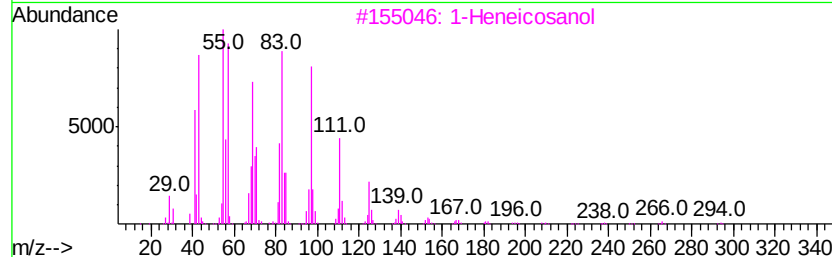
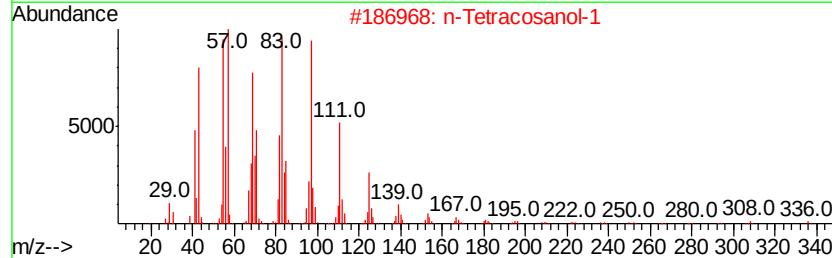
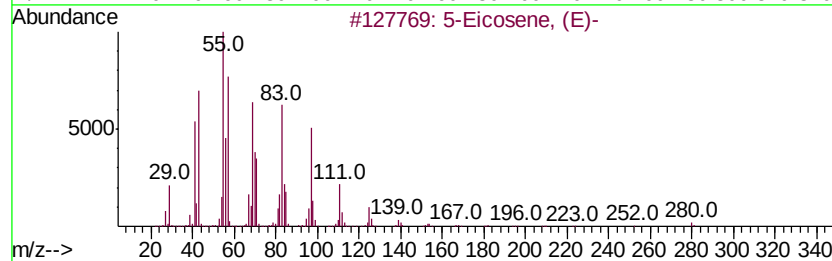
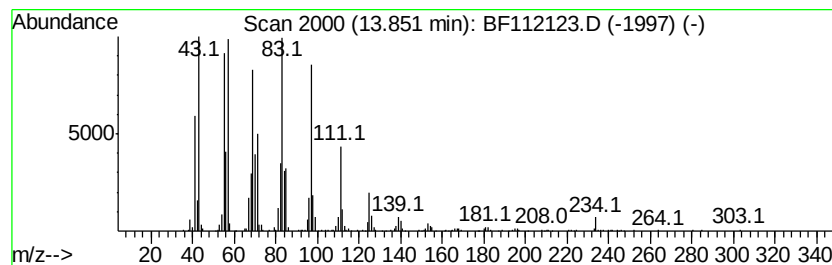
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.85	7.64 ng	750932	Chrysene-d12		14.02
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112123.D
Acq On : 18 Jan 2019 13:19
Operator : JU/SJ
Sample : K1157-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

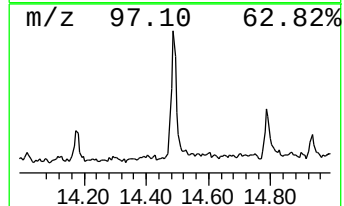
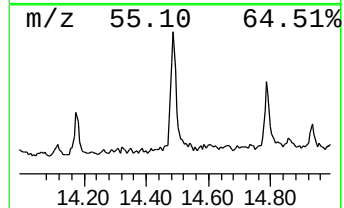
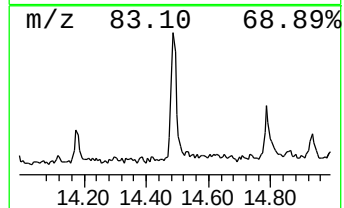
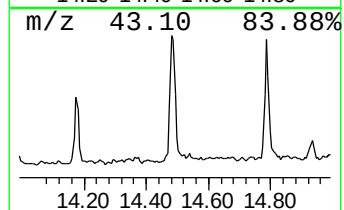
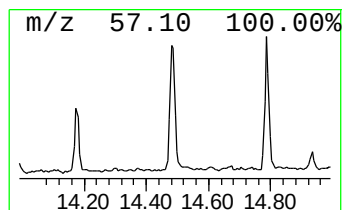
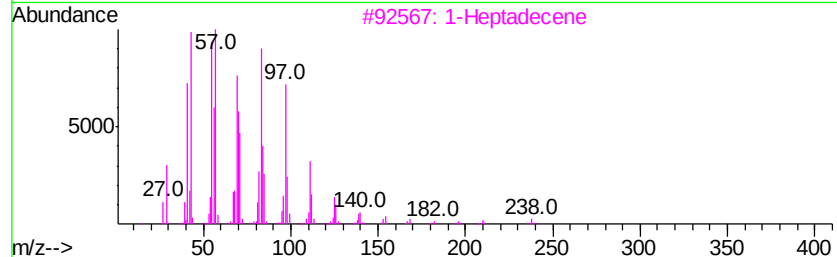
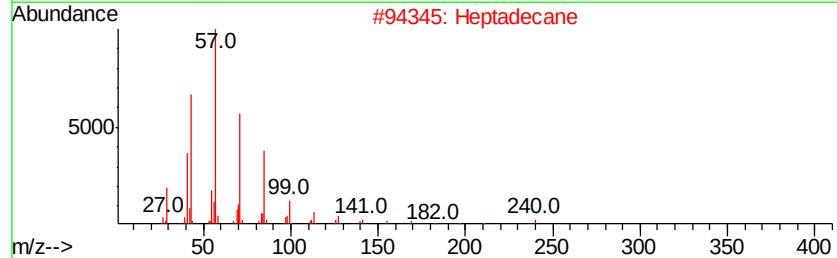
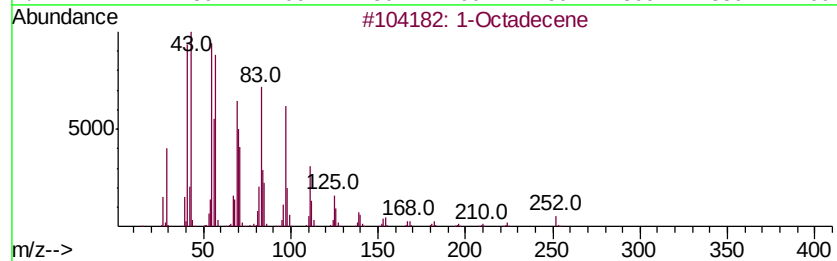
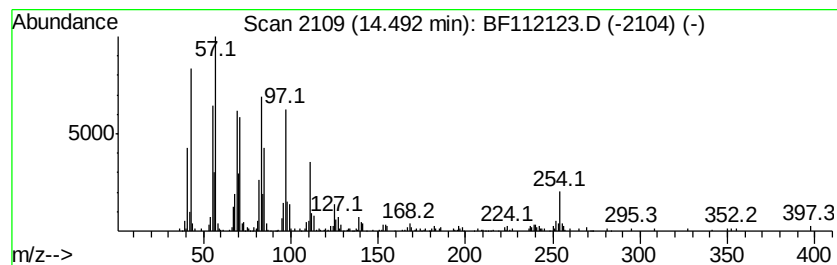
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ClientSampleId :
WC-06-011519

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Octadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.49	4.81 ng	473035	Chrysene-d12	14.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	94
2	Heptadecane	240	C17H36	000629-78-7	92
3	1-Heptadecene	238	C17H34	006765-39-5	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
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Acq On : 18 Jan 2019 13:19
Operator : JU/SJ
Sample : K1157-11
Misc :
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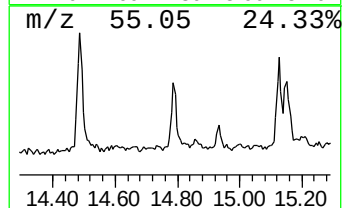
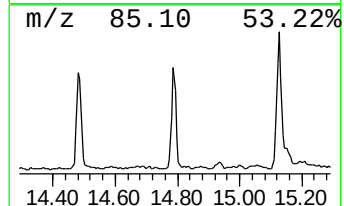
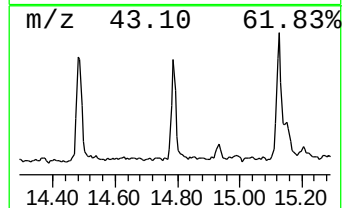
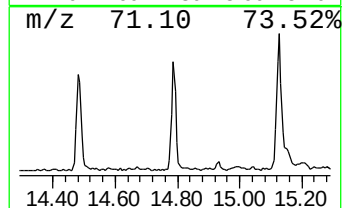
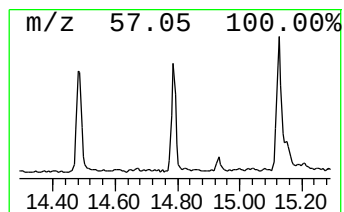
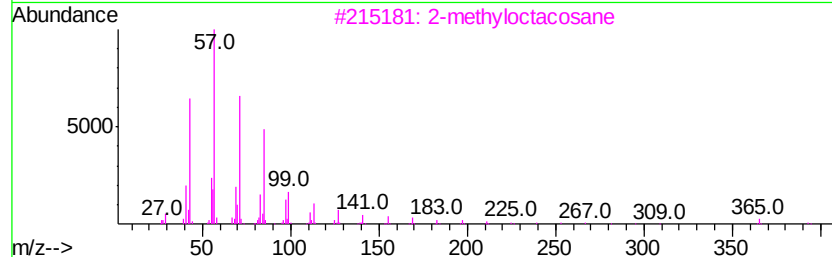
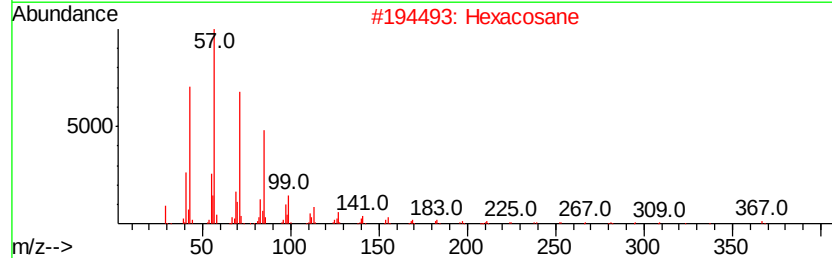
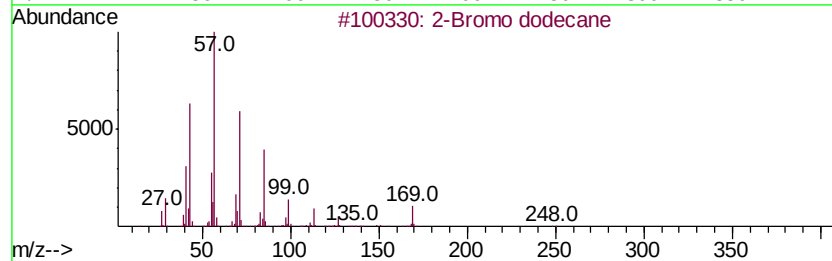
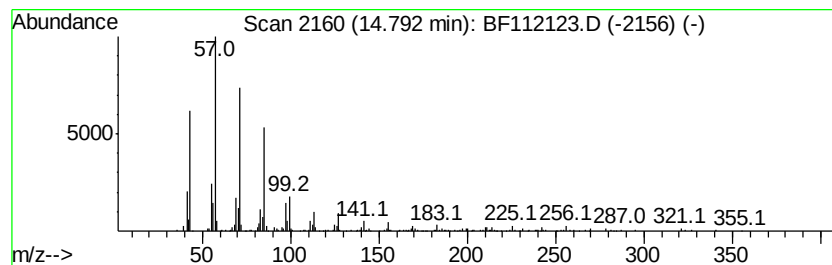
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Bromo dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.97 ng	322207	Perylene-d12	15.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Bromo dodecane	248 C12H25Br	013187-99-0	93
2	Hexacosane	366 C26H54	000630-01-3	91
3	2-methyloctacosane	408 C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	91
5	Octacosane	394 C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112123.D
Acq On : 18 Jan 2019 13:19
Operator : JU/SJ
Sample : K1157-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

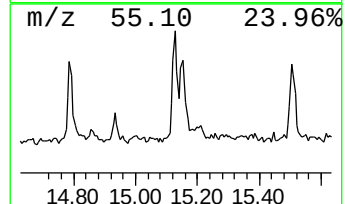
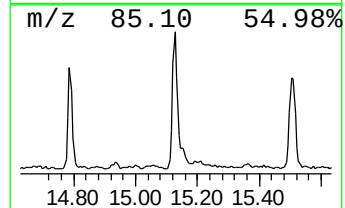
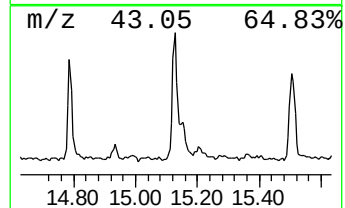
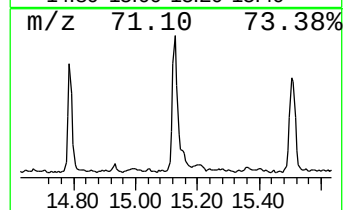
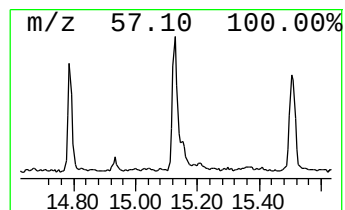
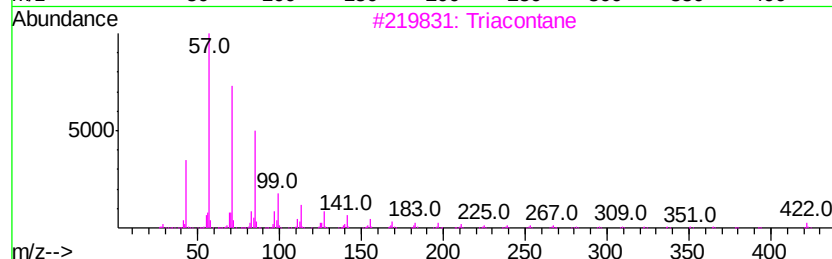
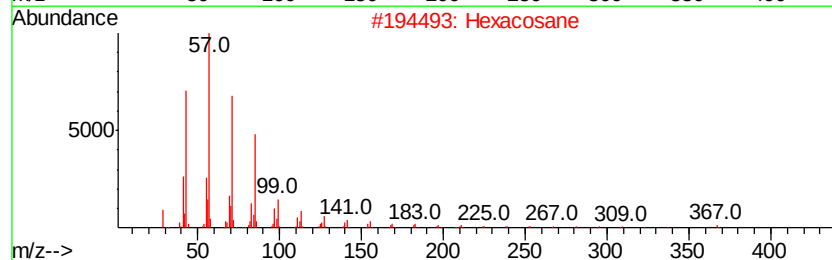
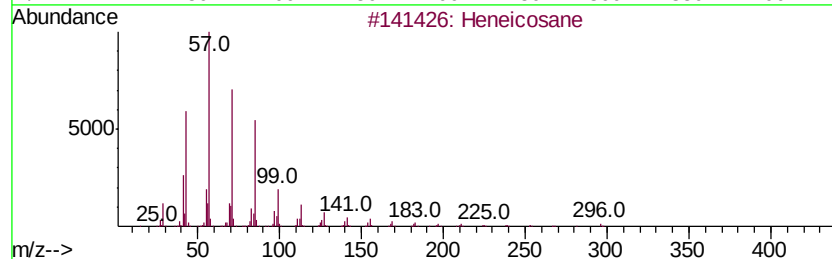
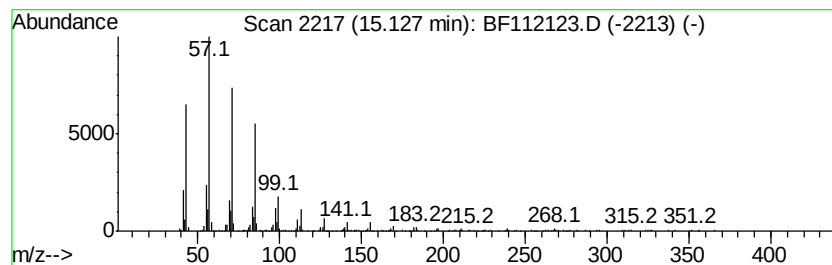
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	3.93 ng	426988	Perylene-d12	15.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Triacontane		422	C30H62	000638-68-6	91
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
5	Docosane		310	C22H46	000629-97-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112123.D
Acq On : 18 Jan 2019 13:19
Operator : JU/SJ
Sample : K1157-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-06-011519

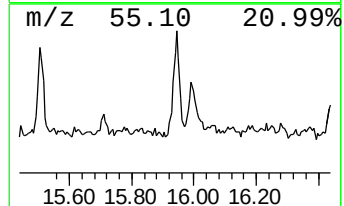
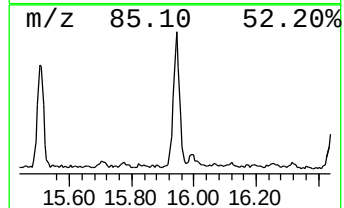
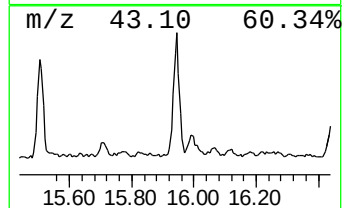
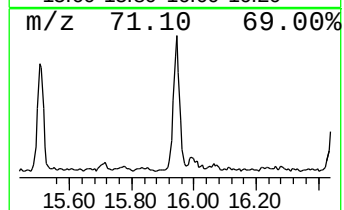
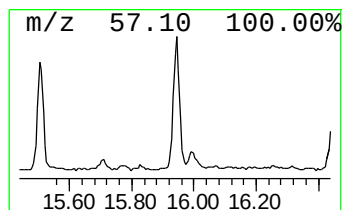
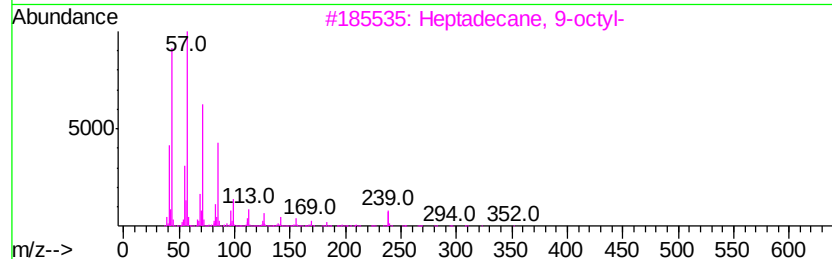
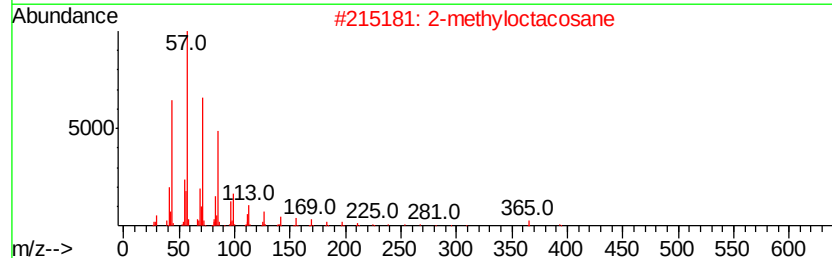
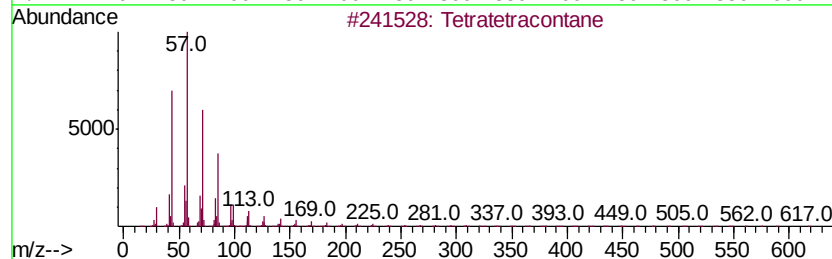
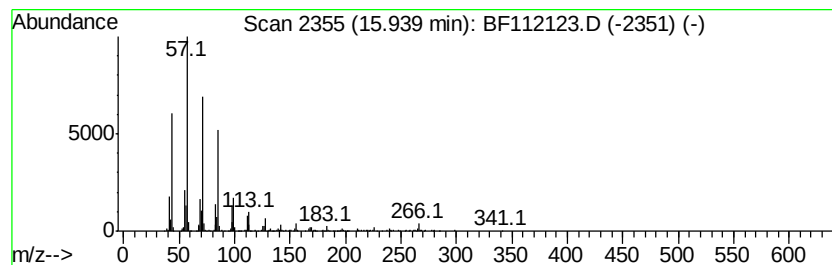
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetratetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	4.34 ng	471905	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Heneicosane	296	C21H44	000629-94-7	91
5			Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
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Acq On : 18 Jan 2019 13:19
Operator : JU/SJ
Sample : K1157-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

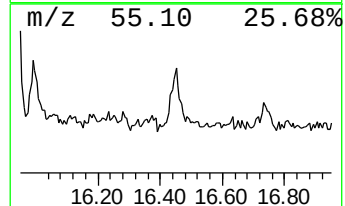
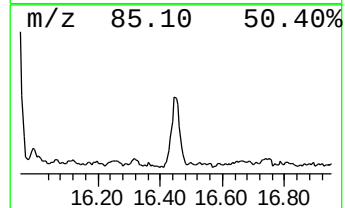
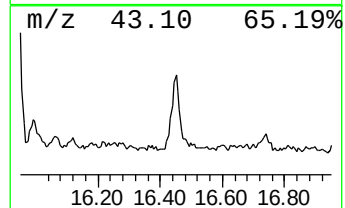
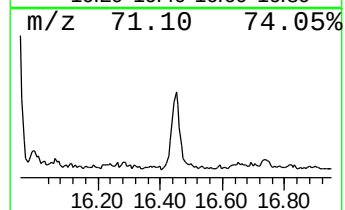
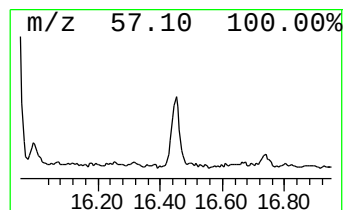
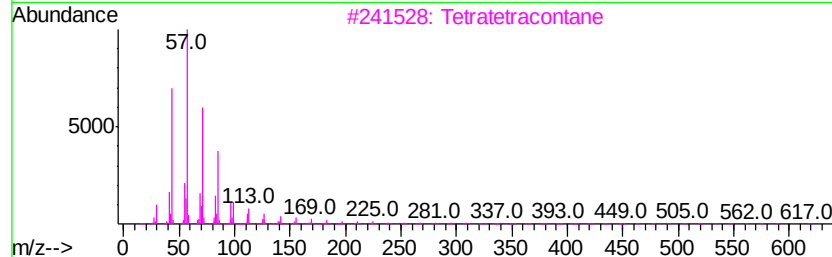
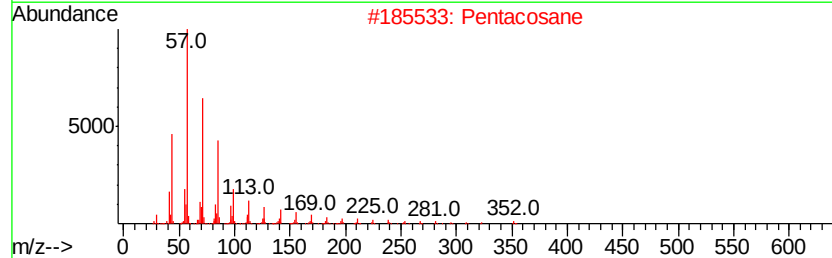
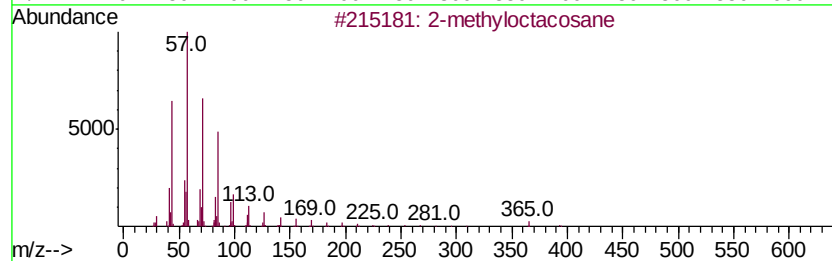
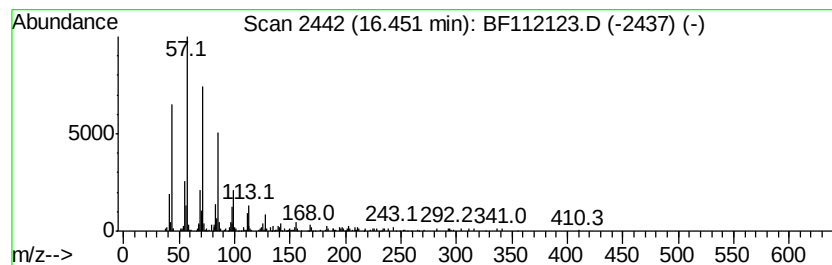
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-methyloctacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.45	2.20 ng	238691	Perylene-d12		15.49
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5	Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
Data File : BF112123.D
Acq On : 18 Jan 2019 13:19
Operator : JU/SJ
Sample : K1157-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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...	2.16	3.0	ng	223485	1	6.86	1506460	20.0
2-Pentanone, 4-hy...	5.09	5.7	ng	429531	1	6.86	1506460	20.0
unknown6.63	6.63	92.1	ng	6934750	1	6.86	1506460	20.0
n-Hexadecanoic acid	11.90	3.1	ng	253802	4	11.38	1633840	20.0
5-Eicosene, (E)-	13.85	7.6	ng	750932	5	14.02	1967020	20.0
1-Octadecene	14.49	4.8	ng	473035	5	14.02	1967020	20.0
2-Bromo dodecane	14.79	3.0	ng	322207	6	15.49	2172450	20.0
Heneicosane	15.13	3.9	ng	426988	6	15.49	2172450	20.0
Tetratetracontane	15.94	4.3	ng	471905	6	15.49	2172450	20.0
2-methyloctacosane	16.45	2.2	ng	238691	6	15.49	2172450	20.0