

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112078.D
 Acq On : 17 Jan 2019 9:59
 Operator : JU/SJ
 Sample : K1147-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

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	168236	228110	2.60%	0.311%
2	5.087	506	510	518	rVB	314522	398907	4.54%	0.544%
3	5.498	576	580	600	rBV	6263053	6354363	72.35%	8.669%
4	6.510	746	752	769	rVB	6033438	6840843	77.89%	9.333%
5	6.640	769	774	777	rBV	7142527	6905231	78.62%	9.420%
6	6.687	779	782	792	rVB	114477	128490	1.46%	0.175%
7	6.857	808	811	815	rBV	1854469	1622693	18.48%	2.214%
8	7.016	834	838	842	rBV	5859251	5502956	62.66%	7.507%
9	7.422	901	907	910	rBV	4463580	4296754	48.92%	5.862%
10	8.139	1025	1029	1033	rBV	2416984	2142471	24.39%	2.923%
11	9.216	1207	1212	1215	rBV	8365496	8237653	93.79%	11.238%
12	9.604	1274	1278	1282	rBV	1872529	1708978	19.46%	2.331%
13	9.828	1308	1316	1320	rBV2	89937	122595	1.40%	0.167%
14	9.898	1324	1328	1332	rVB	2965737	2529817	28.80%	3.451%
15	10.692	1456	1463	1466	rBV	5407898	5552959	63.23%	7.576%
16	10.798	1478	1481	1488	rVB	131327	158819	1.81%	0.217%
17	11.245	1554	1557	1560	rBV	95866	87844	1.00%	0.120%
18	11.380	1576	1580	1584	rBV	2897601	2711377	30.87%	3.699%
19	11.904	1667	1669	1672	rBV2	85816	89086	1.01%	0.122%
20	12.080	1695	1699	1703	rVB	110925	109933	1.25%	0.150%
21	12.598	1784	1787	1791	rVB	100012	95250	1.08%	0.130%
22	12.822	1821	1825	1827	rBV	80070	97883	1.11%	0.134%
23	12.969	1845	1850	1853	rBV	8415159	8782736	100.00%	11.982%
24	13.533	1938	1946	1964	rVB4	487738	1797856	20.47%	2.453%
25	13.857	1998	2001	2009	rBV2	371063	471483	5.37%	0.643%
26	13.998	2022	2025	2026	rBV	99992	93726	1.07%	0.128%
27	14.021	2026	2029	2033	rVB	2397780	2189237	24.93%	2.987%
28	14.180	2053	2056	2059	rBV	183004	156284	1.78%	0.213%
29	14.486	2104	2108	2113	rBV	224681	233762	2.66%	0.319%
30	14.792	2156	2160	2164	rVB	263382	246336	2.80%	0.336%
31	14.868	2170	2173	2177	rVB	149419	143527	1.63%	0.196%
32	15.133	2214	2218	2222	rVB	307834	334156	3.80%	0.456%
33	15.498	2274	2280	2291	rBV	1540209	2243398	25.54%	3.061%
34	15.951	2352	2357	2362	rVB	254785	364883	4.15%	0.498%

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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	16.457	2438	2443	2450	rVB	129857	219458	2.50%	0.299%
36	17.045	2540	2543	2552	rVB3	52701	101157	1.15%	0.138%

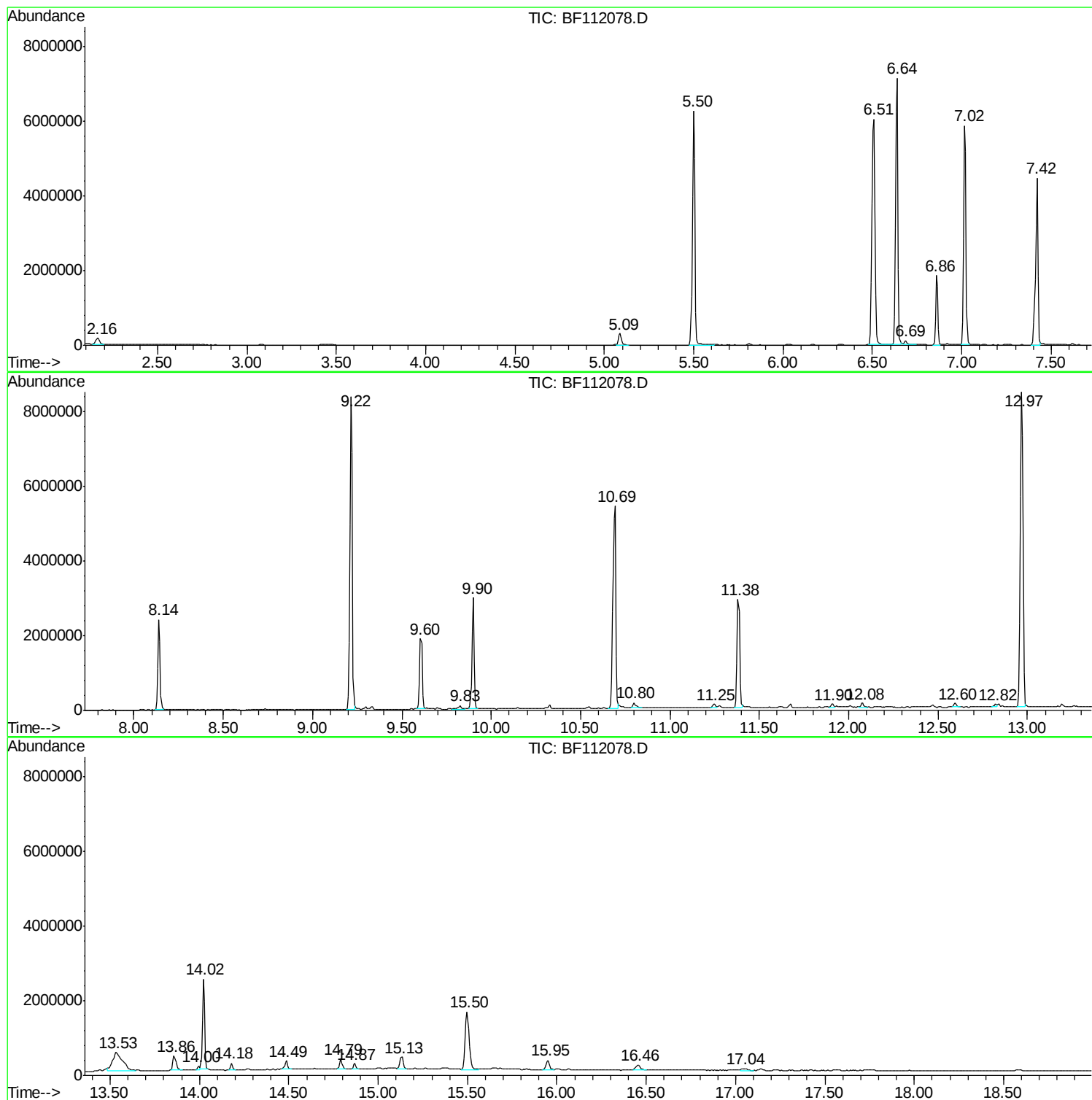
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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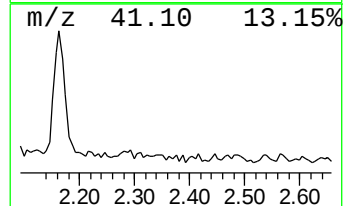
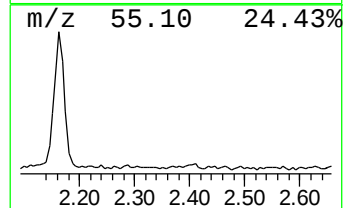
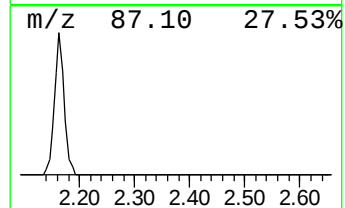
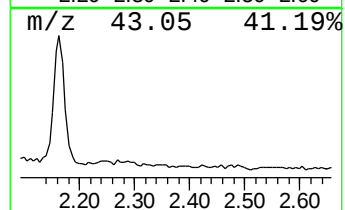
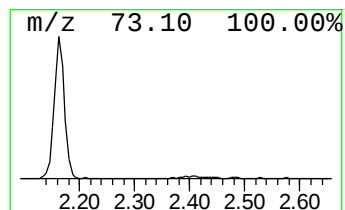
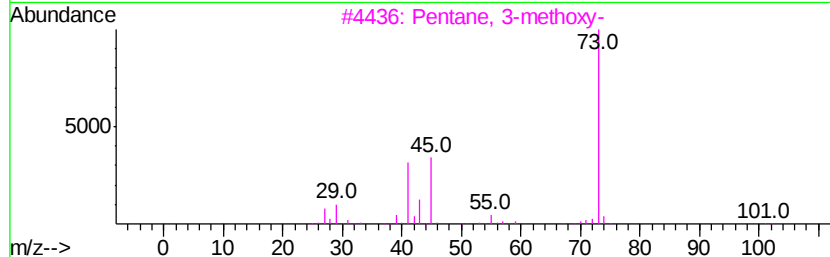
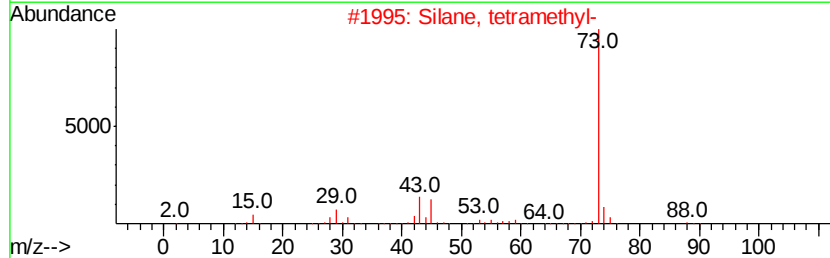
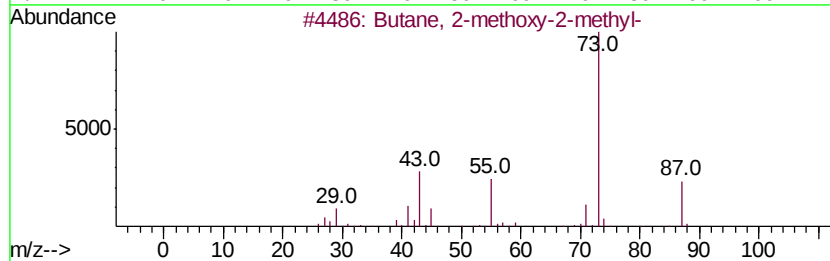
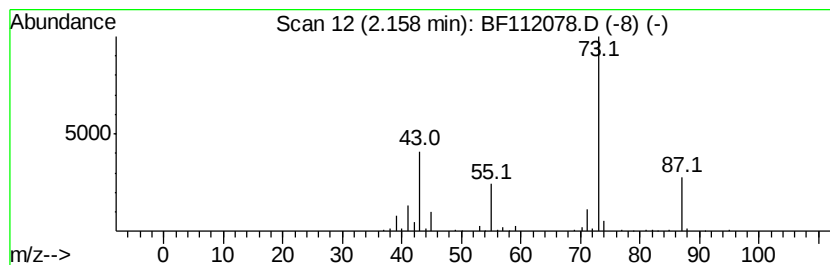
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	2.81 ng	228110	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5			Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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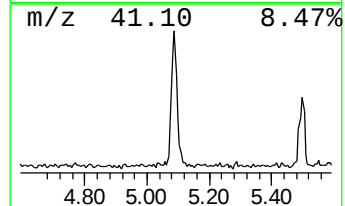
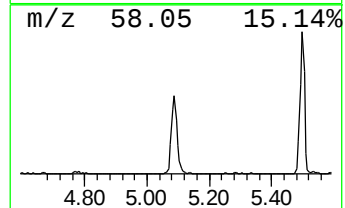
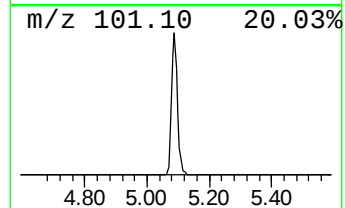
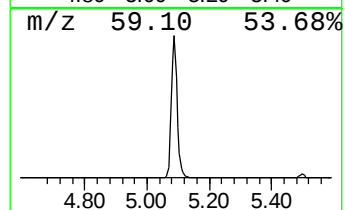
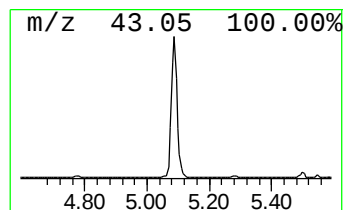
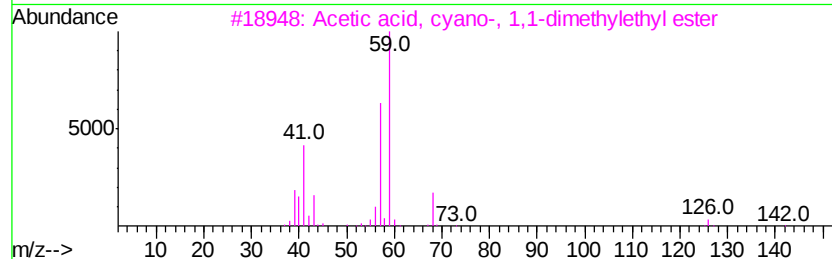
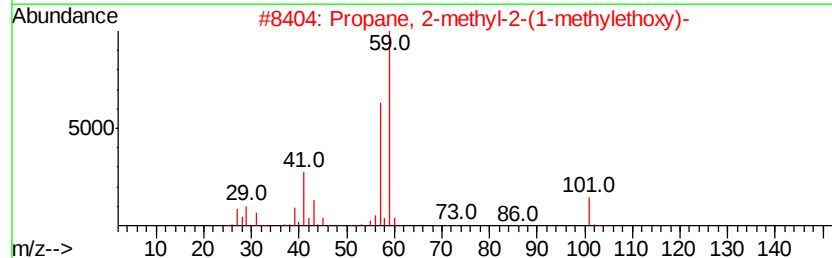
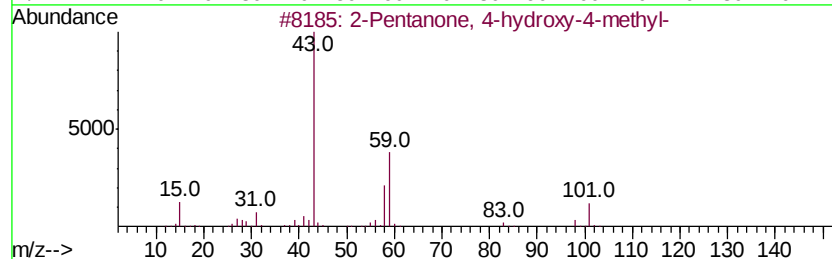
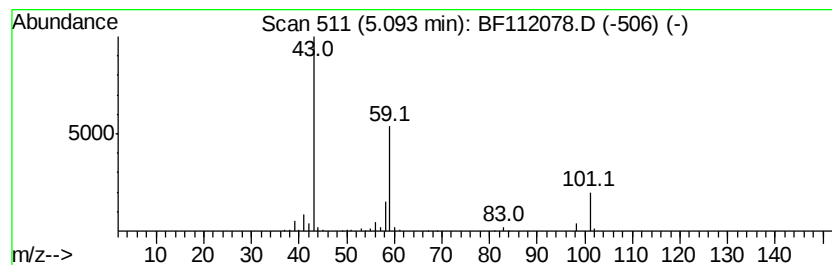
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	4.92 ng	398907	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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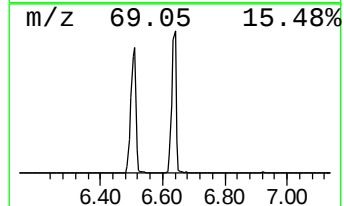
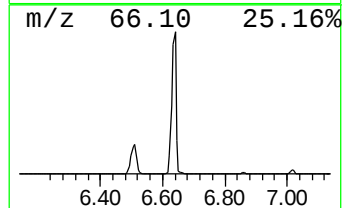
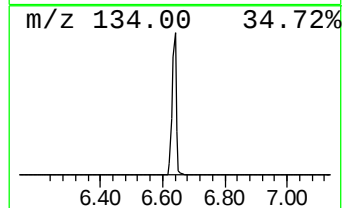
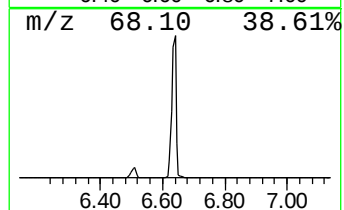
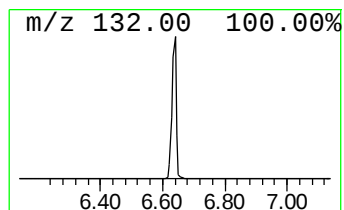
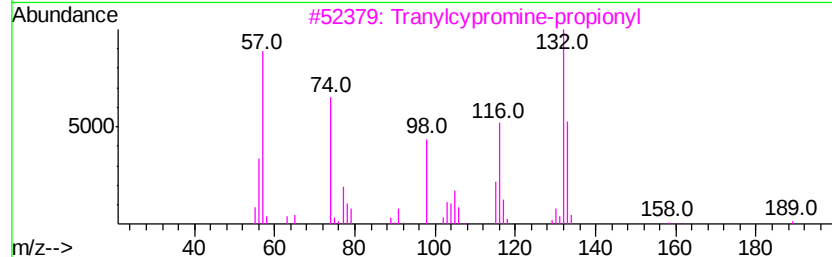
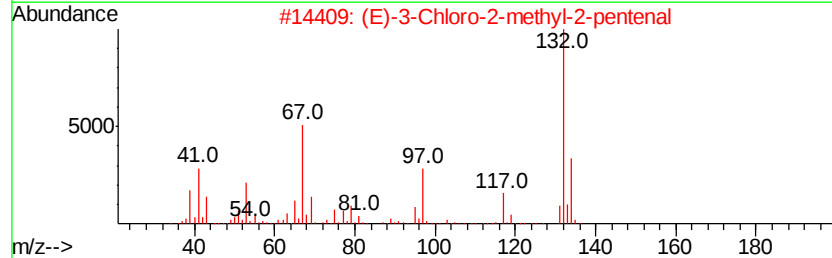
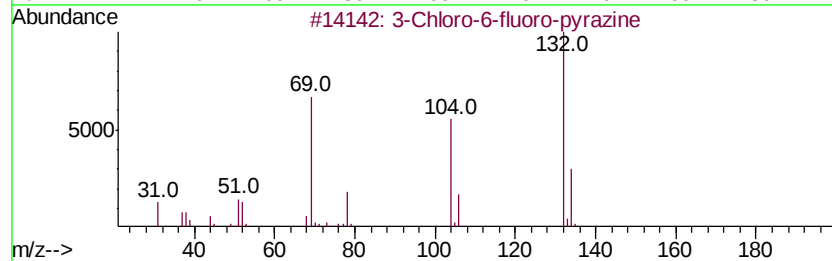
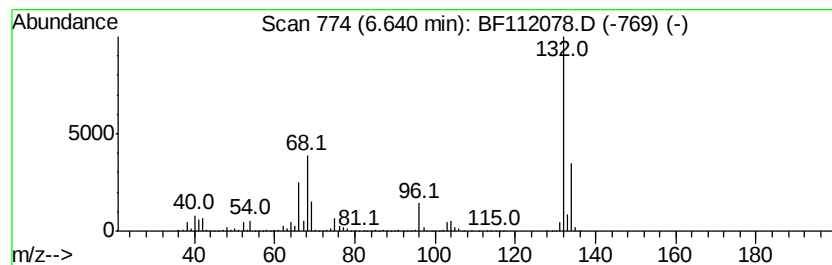
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	85.11 ng	6905230	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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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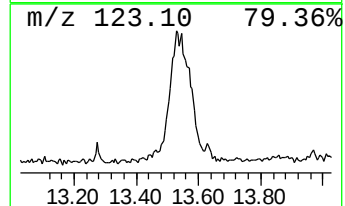
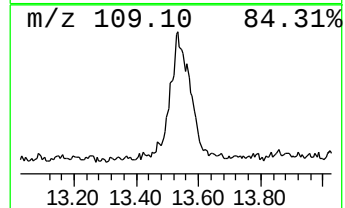
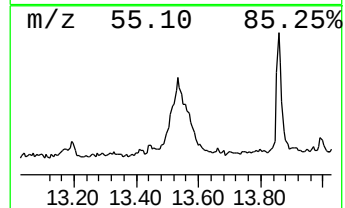
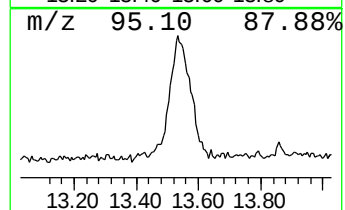
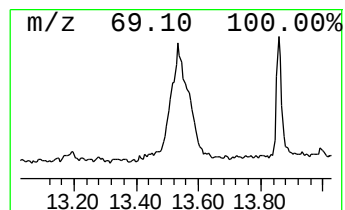
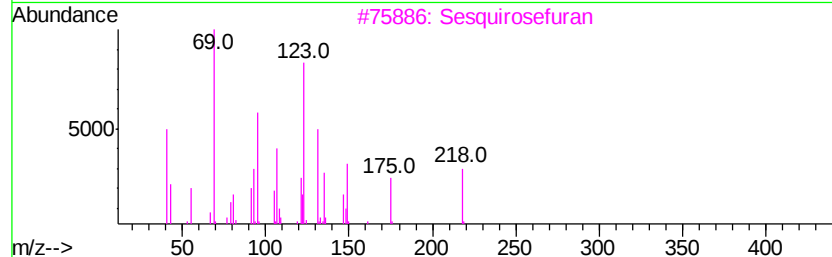
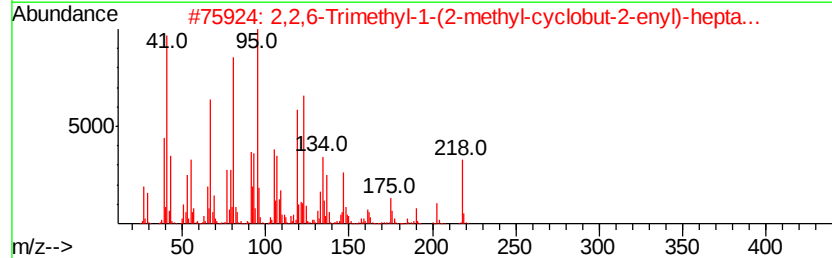
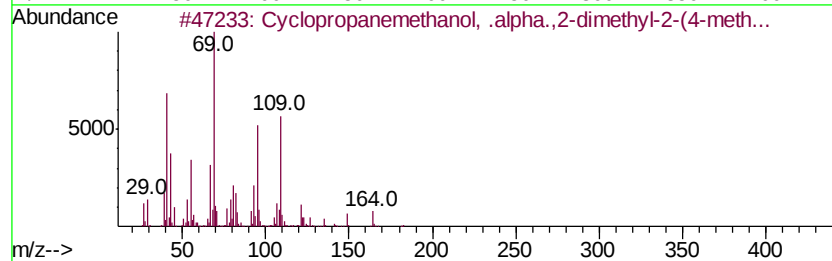
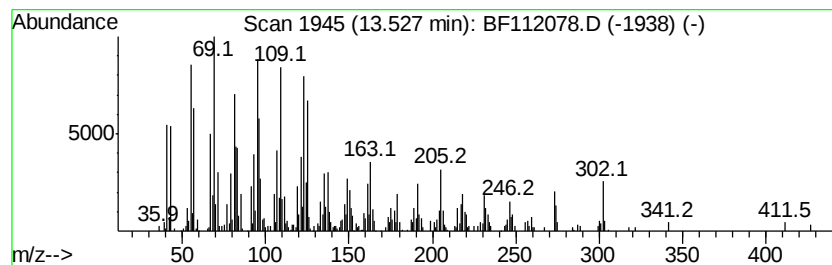
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 unknown13.53 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	16.42 ng	1797860	Chrysene-d12	14.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopropanemethanol, .alpha.,2-...	182	C12H22O	121959-70-4	46
2		2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	44
3		Sesquirosefuran	218	C15H22O	039007-93-7	41
4		Vinyltris(cyclopropyl)silane	178	C11H18Si	1000109-97-3	38
5		2-Propen-1-one, 1-cyclopropyl-	96	C6H8O	059819-62-4	30



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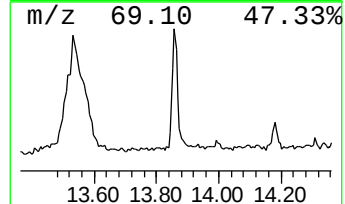
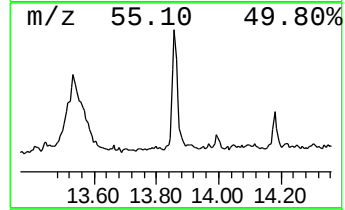
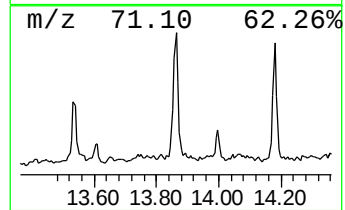
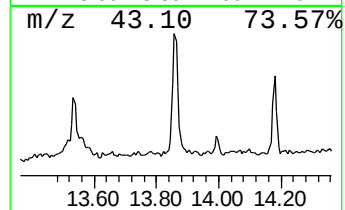
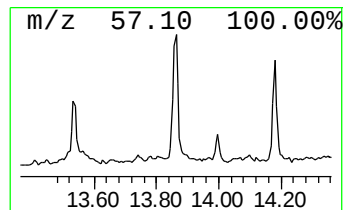
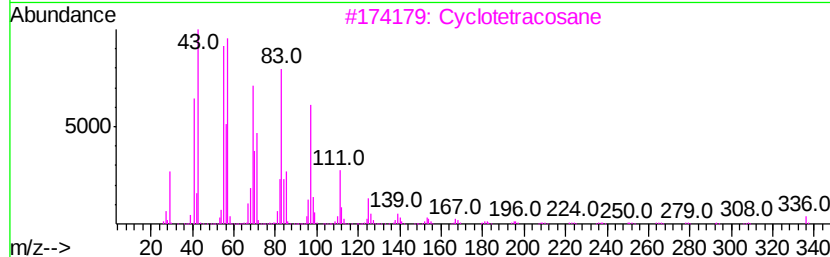
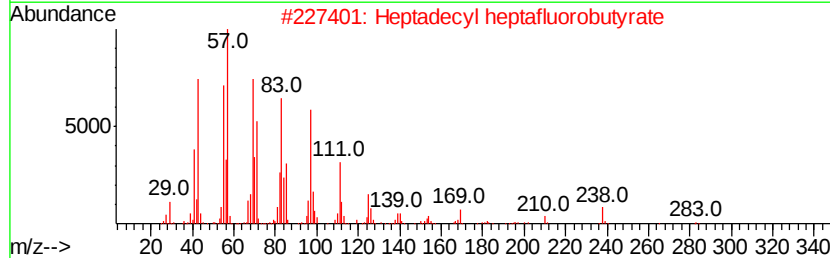
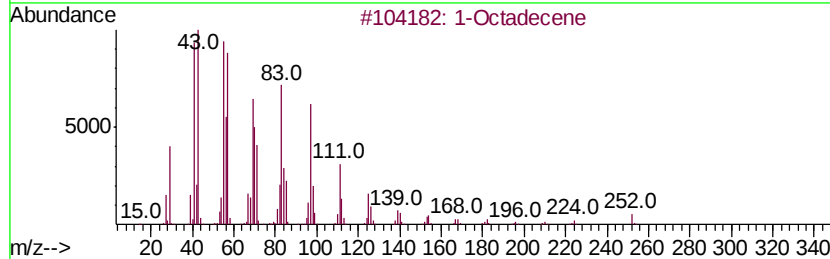
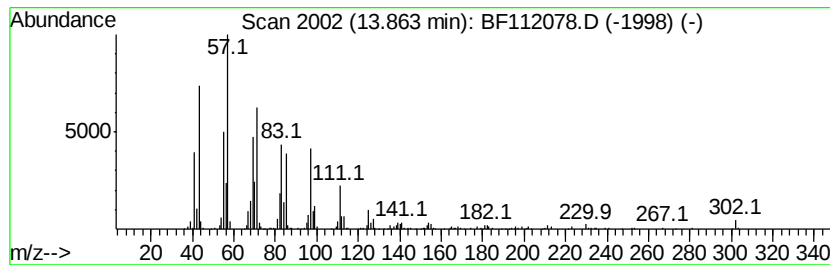
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Octadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	4.31 ng	471483	Chrysene-d12	14.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Octadecene	252 C18H36	000112-88-9	95
2	Heptadecyl heptafluorobutyrate	452 C21H35F7O2	959085-66-6	94
3	Cyclotetracosane	336 C24H48	000297-03-0	94
4	Pentafluoropropionic acid, octad...	416 C21H37F5O2	959261-25-7	91
5	Heptafluorobutyric acid, n-octad...	466 C22H37F7O2	000400-57-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112078.D
Acq On : 17 Jan 2019 9:59
Operator : JU/SJ
Sample : K1147-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

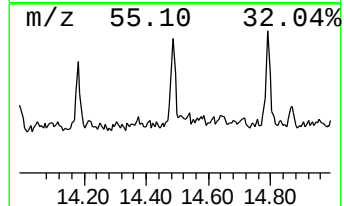
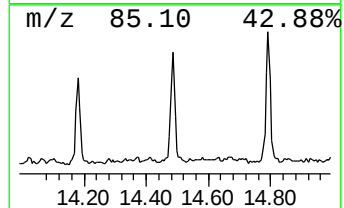
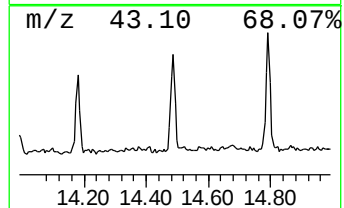
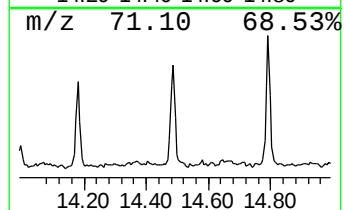
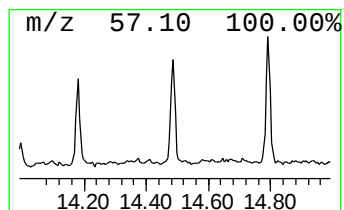
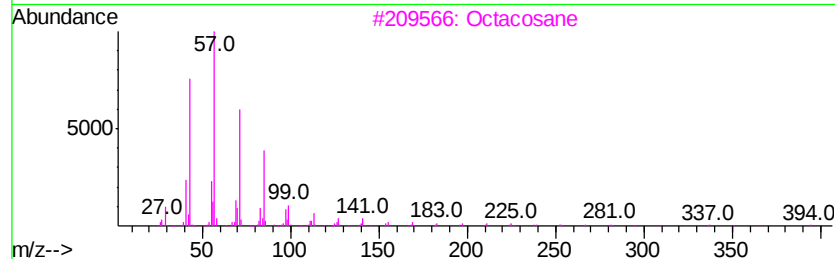
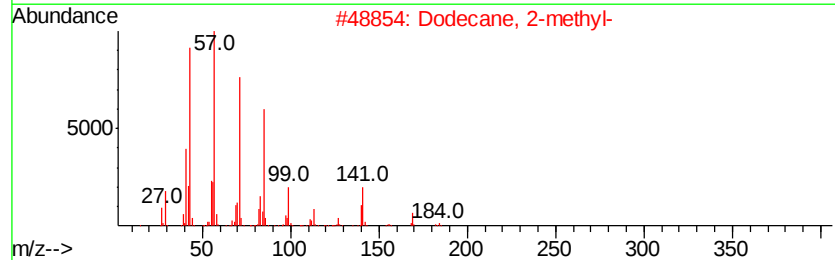
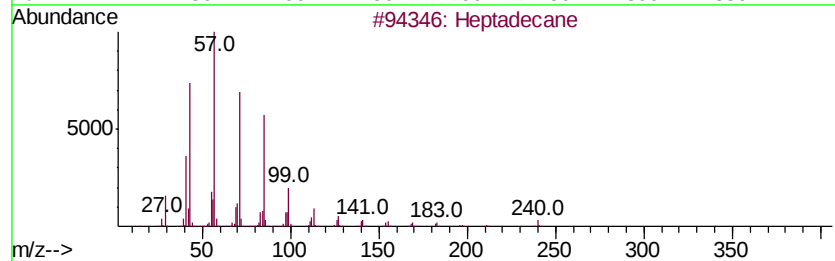
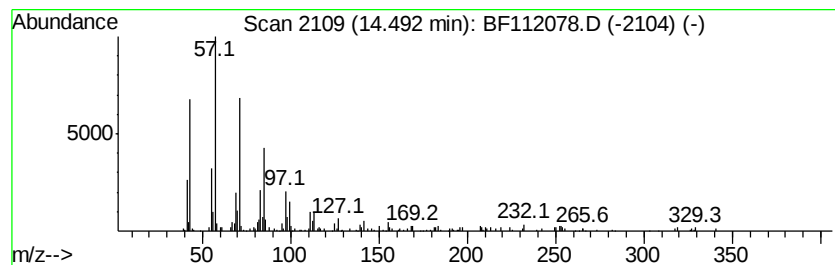
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ClientSampleId :
TP-3

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 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.14 ng	233762	Chrysene-d12	14.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	93
2	Dodecane, 2-methyl-	184 C13H28	001560-97-0	90
3	Octacosane	394 C28H58	000630-02-4	87
4	Hexacosane	366 C26H54	000630-01-3	87
5	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112078.D
 Acq On : 17 Jan 2019 9:59
 Operator : JU/SJ
 Sample : K1147-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 TP-3

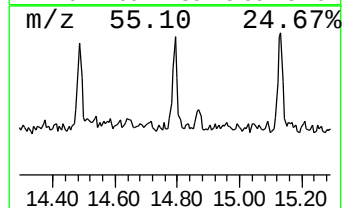
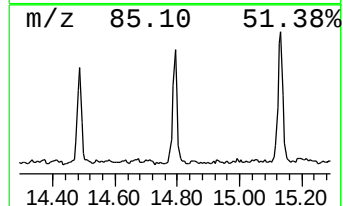
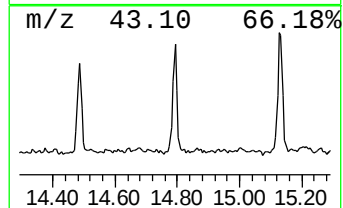
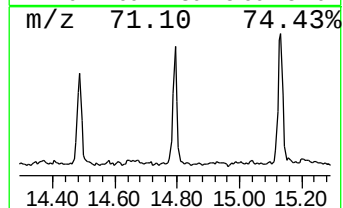
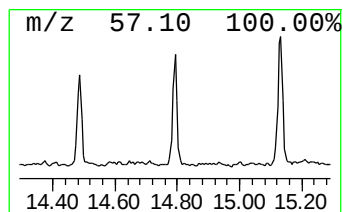
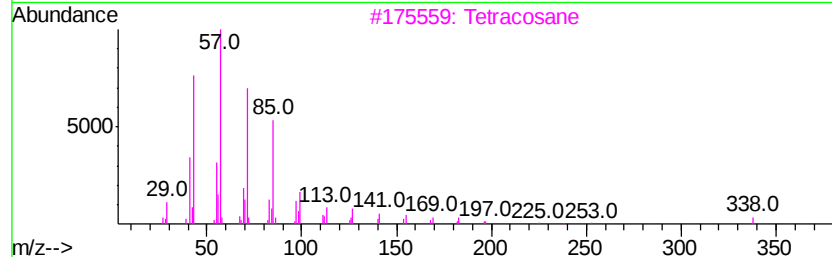
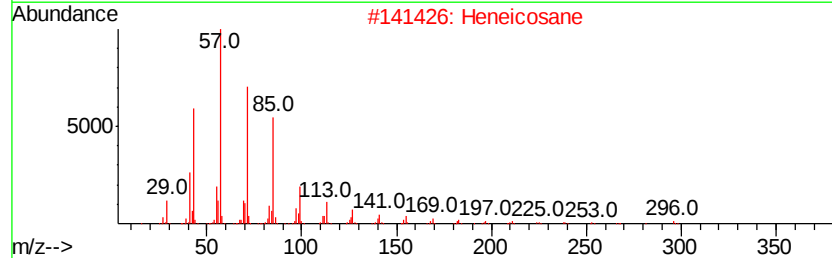
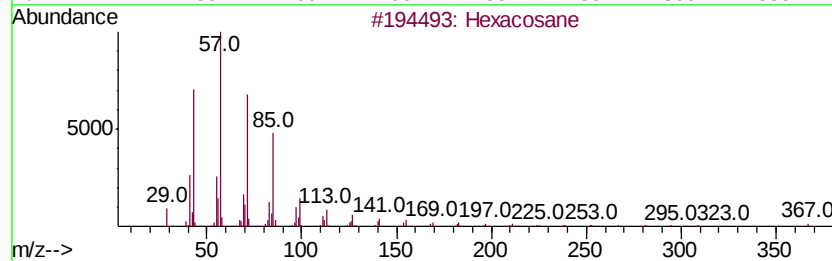
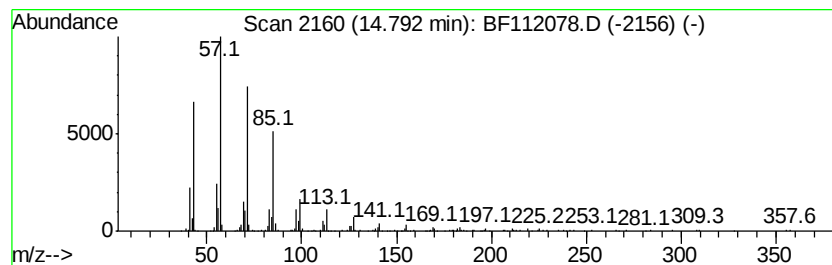
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 8 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.20 ng	246336	Perylene-d12	15.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	94
2	Heneicosane		296	C21H44	000629-94-7	91
3	Tetracosane		338	C24H50	000646-31-1	91
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
5	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
 Data File : BF112078.D
 Acq On : 17 Jan 2019 9:59
 Operator : JU/SJ
 Sample : K1147-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

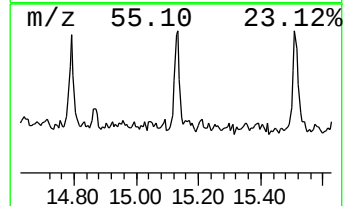
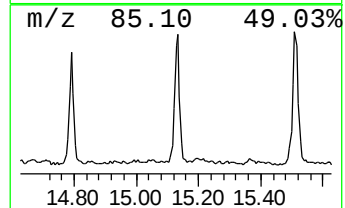
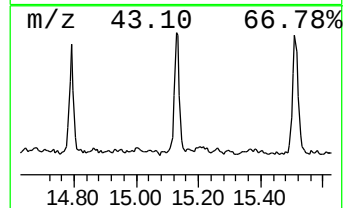
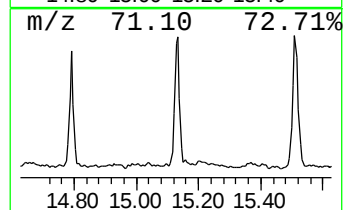
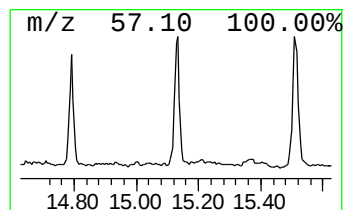
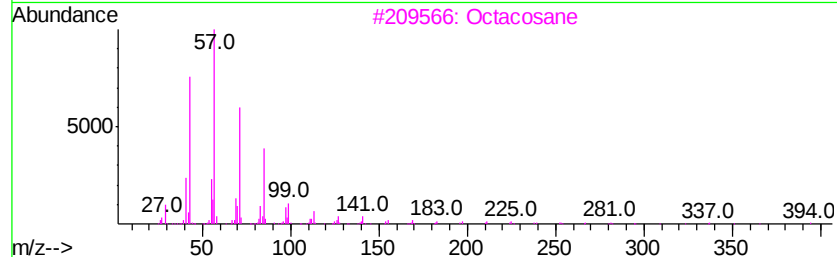
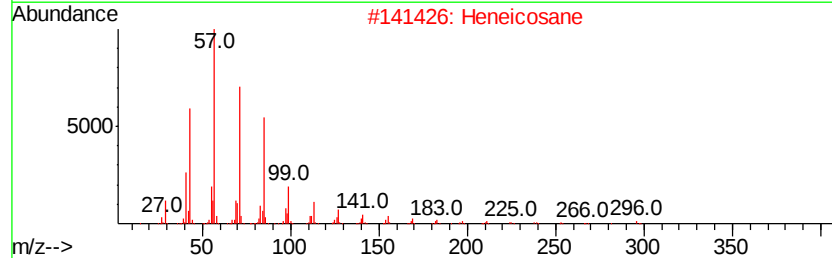
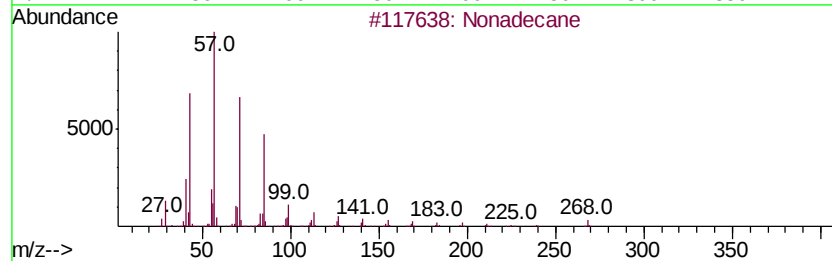
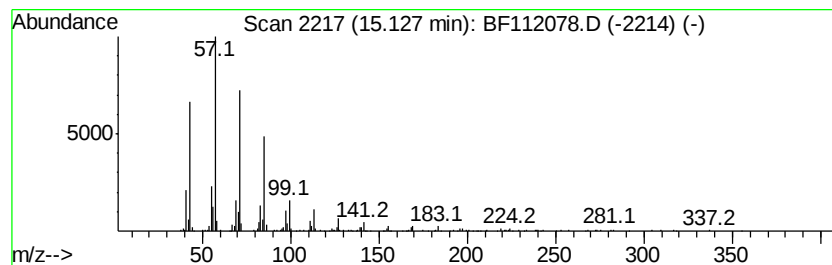
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	2.98 ng	334156	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	90
4		Octadecane	254	C18H38	000593-45-3	87
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011719\
Data File : BF112078.D
Acq On : 17 Jan 2019 9:59
Operator : JU/SJ
Sample : K1147-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

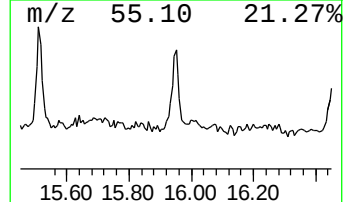
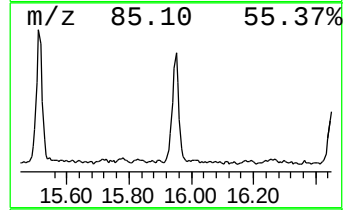
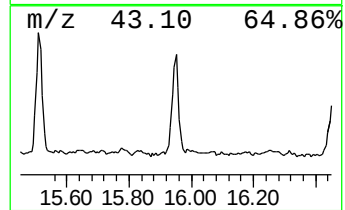
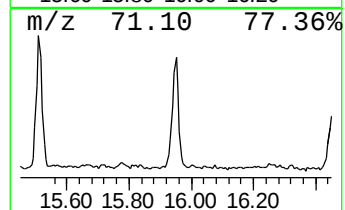
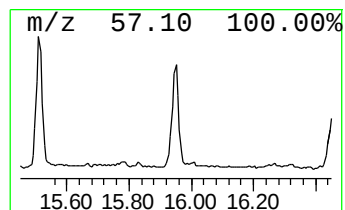
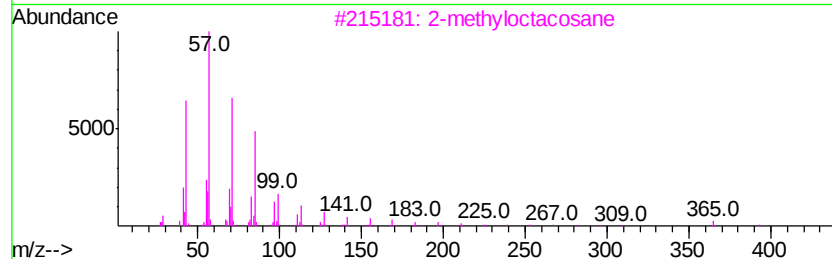
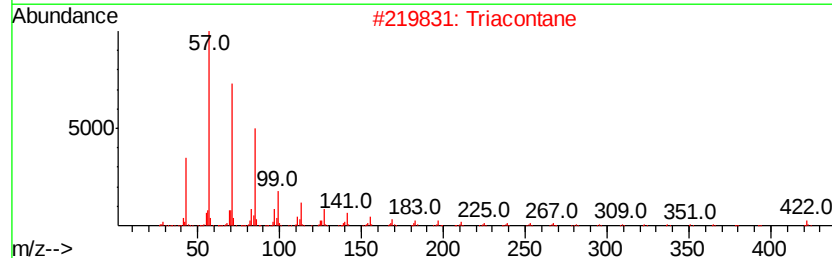
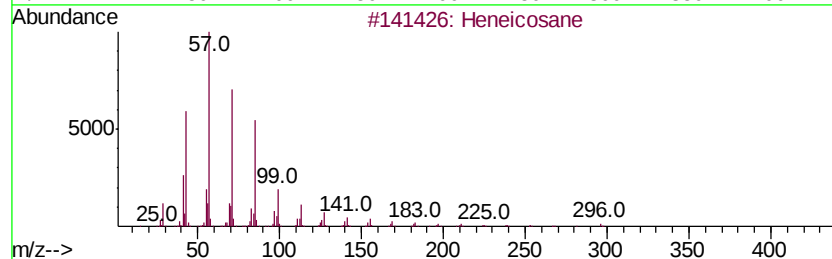
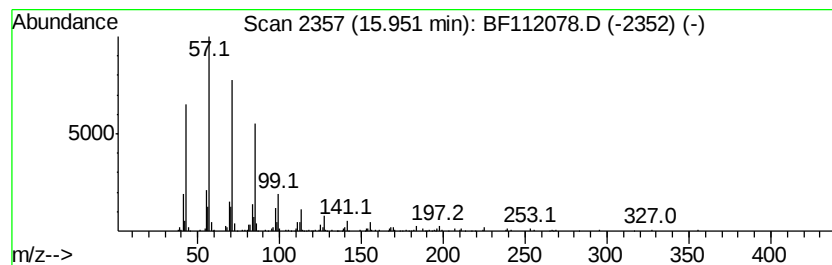
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.95	3.25 ng	364883	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Triacontane	422	C30H62	000638-68-6	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Octadecane	254	C18H38	000593-45-3	90
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011719\
Data File : BF112078.D
Acq On : 17 Jan 2019 9:59
Operator : JU/SJ
Sample : K1147-07
Misc :
ALS Vial : 5 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	2.8	ng	228110	1	6.86	1622690	20.0
2-Pentanone, 4-hy...	5.09	4.9	ng	398907	1	6.86	1622690	20.0
unknown6.64	6.64	85.1	ng	6905230	1	6.86	1622690	20.0
unknown13.53	13.53	16.4	ng	1797860	5	14.02	2189240	20.0
1-Octadecene	13.86	4.3	ng	471483	5	14.02	2189240	20.0
Heptadecane	14.49	2.1	ng	233762	5	14.02	2189240	20.0
Hexacosane	14.79	2.2	ng	246336	6	15.50	2243400	20.0
Nonadecane	15.13	3.0	ng	334156	6	15.50	2243400	20.0
Heneicosane	15.95	3.3	ng	364883	6	15.50	2243400	20.0