

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
 Data File : BF112623.D
 Acq On : 19 Feb 2019 16:14
 Operator : JU/SJ
 Sample : K1515-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-10

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-BF012519.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	5.045	499	503	513	rBV	64932	99842	3.65%	0.441%
2	5.457	570	573	601	rBV	1833191	2065245	75.55%	9.116%
3	6.475	742	746	763	rBV	2095228	2236984	81.83%	9.875%
4	6.598	763	767	780	rVB	2598870	2361032	86.37%	10.422%
5	6.822	801	805	813	rBV	553769	509955	18.65%	2.251%
6	6.975	827	831	841	rBV	1804290	1796934	65.73%	7.932%
7	7.386	897	901	923	rBV	1371223	1421049	51.98%	6.273%
8	8.104	1019	1023	1038	rBV	616528	635625	23.25%	2.806%
9	9.175	1201	1205	1216	rBV	2864270	2733712	100.00%	12.067%
10	9.574	1269	1273	1285	rVB	117678	128033	4.68%	0.565%
11	9.857	1317	1321	1330	rBV	811786	741070	27.11%	3.271%
12	10.651	1452	1456	1471	rBV	1683434	1876650	68.65%	8.284%
13	11.351	1571	1575	1584	rBV	766569	773106	28.28%	3.413%
14	11.868	1659	1663	1673	rBV2	151987	194804	7.13%	0.860%
15	12.651	1793	1796	1803	rBV3	41996	53715	1.96%	0.237%
16	12.804	1816	1822	1827	rVB3	16241	29025	1.06%	0.128%
17	12.927	1839	1843	1846	rBV	2942021	2620241	95.85%	11.566%
18	13.486	1933	1938	1940	rBV2	31768	30516	1.12%	0.135%
19	13.815	1990	1994	2002	rBV	104302	152191	5.57%	0.672%
20	13.998	2021	2025	2033	rBV	645845	647614	23.69%	2.859%
21	14.127	2044	2047	2050	rBV	78087	65146	2.38%	0.288%
22	14.433	2095	2099	2102	rBV	115026	112218	4.10%	0.495%
23	14.733	2146	2150	2156	rVB	137400	141111	5.16%	0.623%
24	14.804	2159	2162	2166	rVB	66548	64942	2.38%	0.287%
25	15.062	2201	2206	2211	rBV2	141392	166001	6.07%	0.733%
26	15.433	2264	2269	2271	rBV2	106638	134249	4.91%	0.593%
27	15.468	2271	2275	2283	rVB	473487	613988	22.46%	2.710%
28	15.856	2336	2341	2348	rBV	94673	143853	5.26%	0.635%
29	16.351	2421	2425	2430	rBV2	45943	62858	2.30%	0.277%
30	16.927	2520	2523	2528	rVB5	26251	42398	1.55%	0.187%

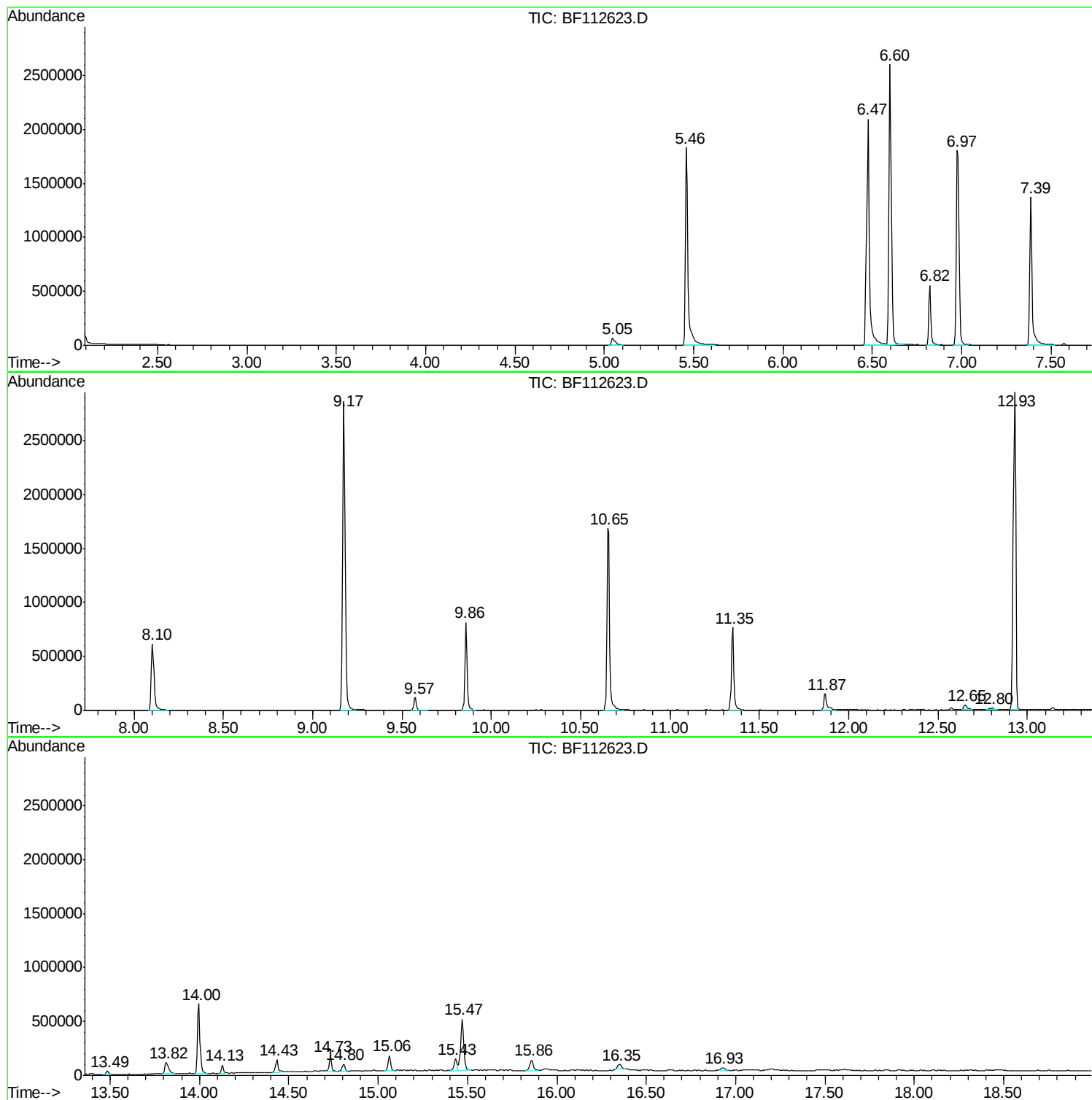
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Instrument :
BNA_F
ClientSampled :
TS-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.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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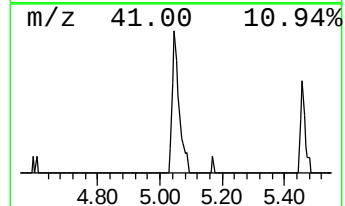
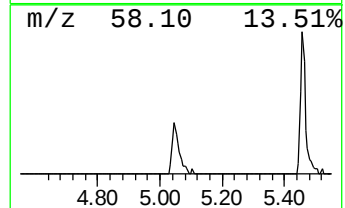
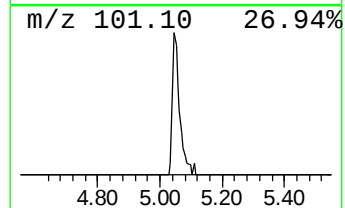
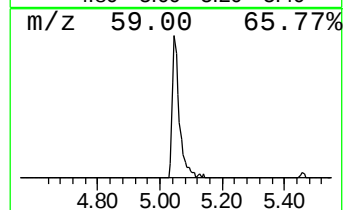
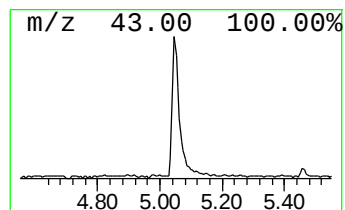
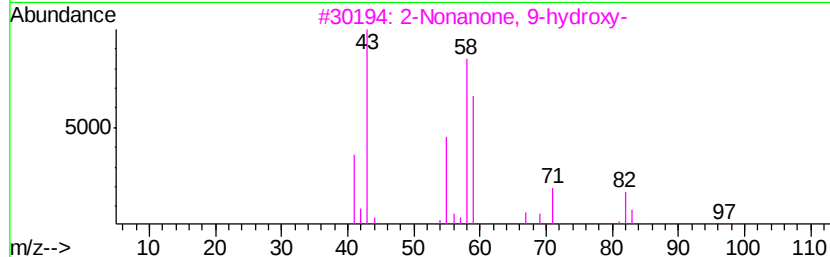
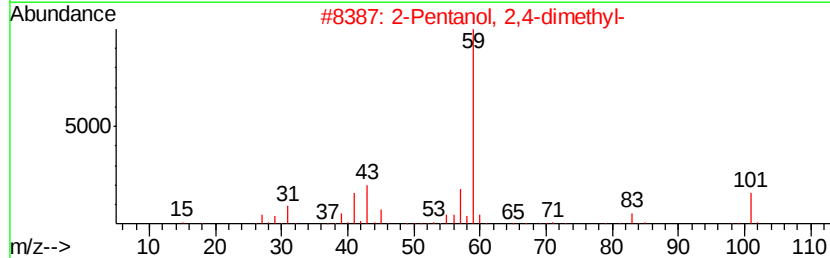
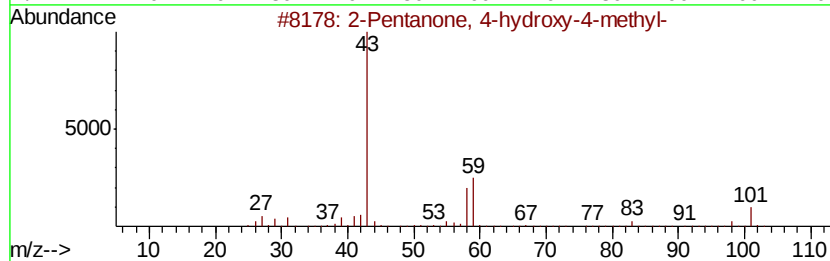
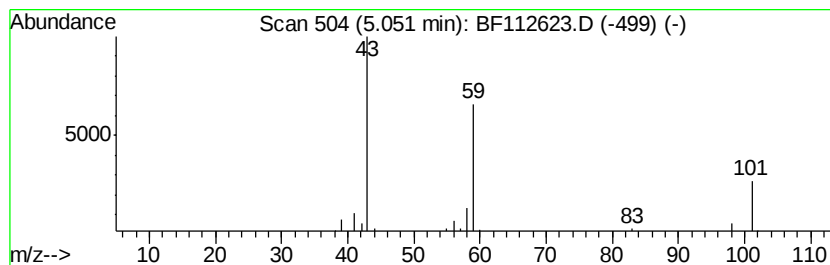
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	3.92 ng	99842	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	42
3			2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
5			Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17



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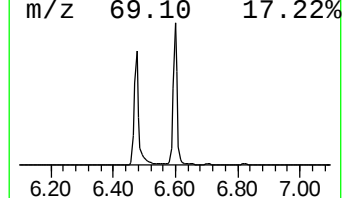
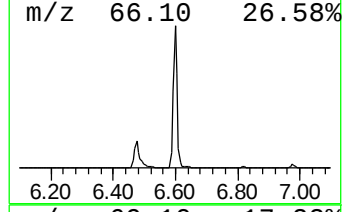
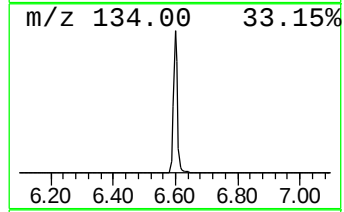
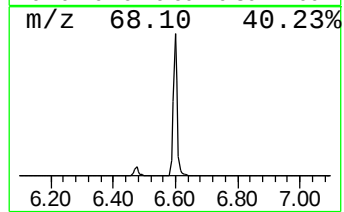
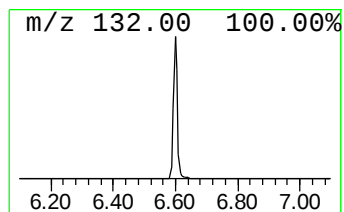
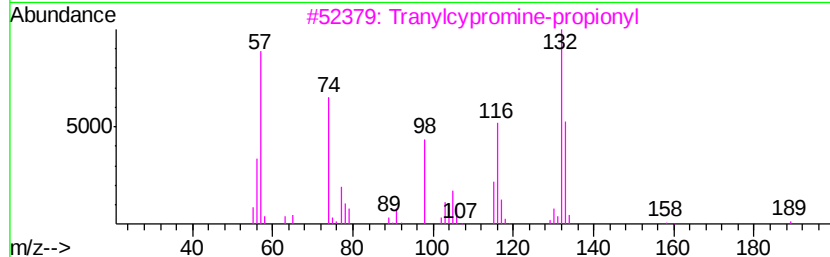
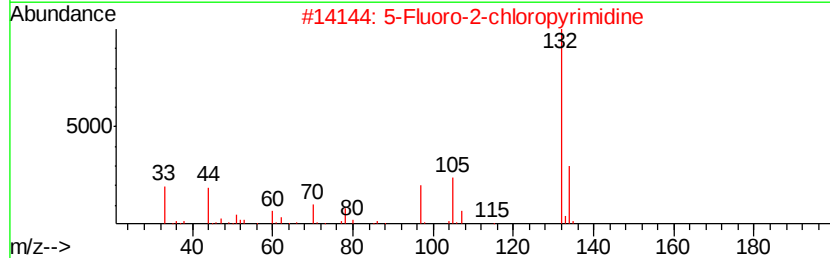
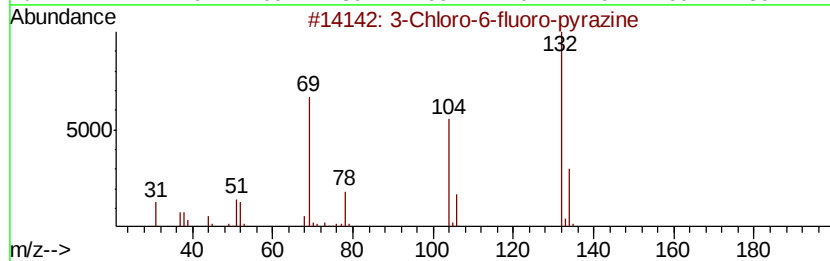
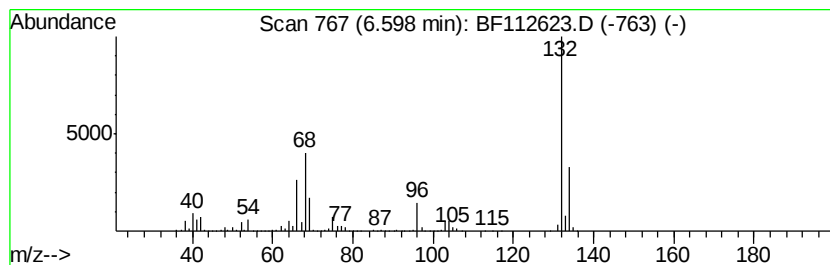
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Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	92.60 ng	2361030	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcypramine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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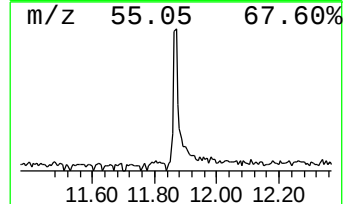
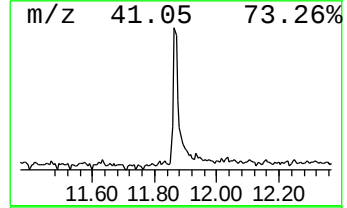
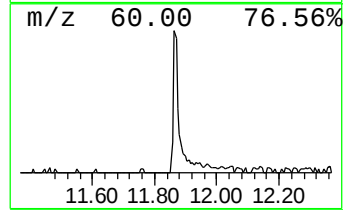
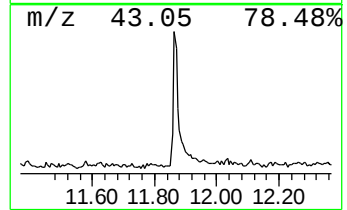
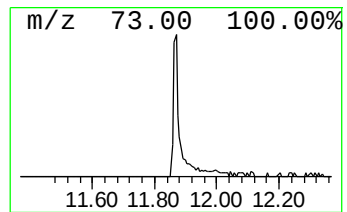
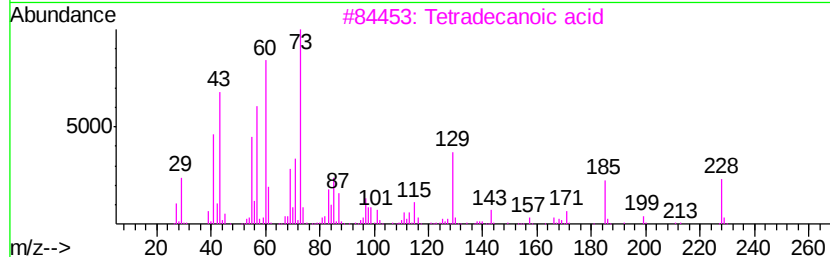
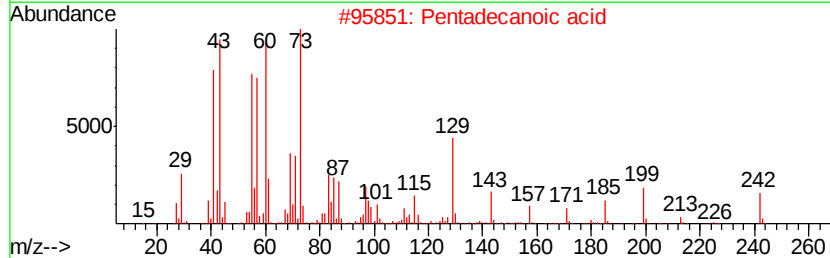
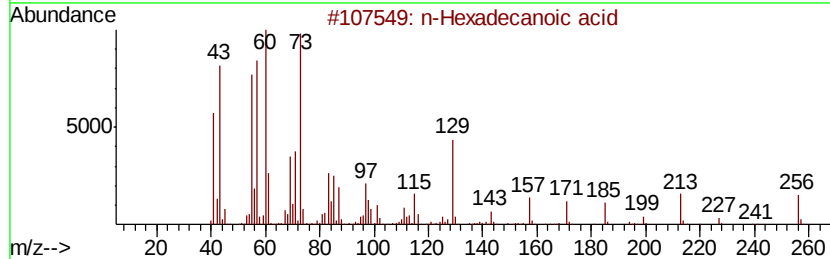
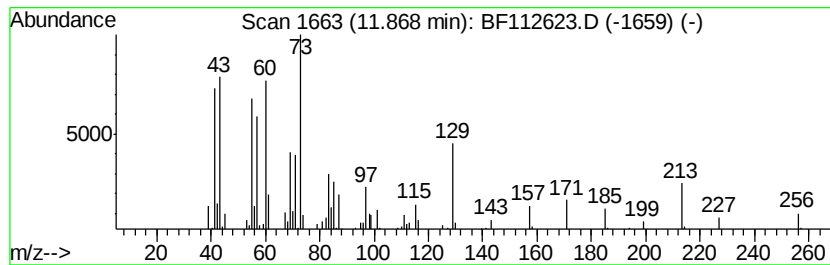
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	5.04 ng	194804	Phenanthrene-d10	11.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		Undecanoic acid	186	C11H22O2	000112-37-8	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



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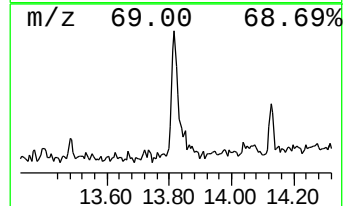
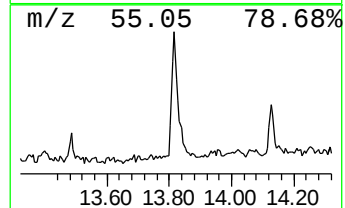
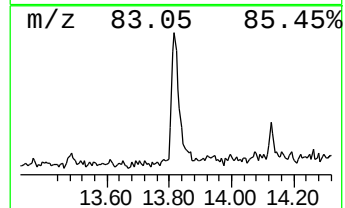
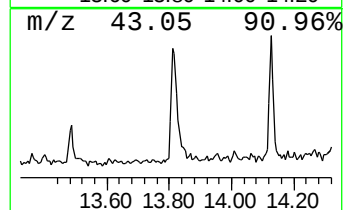
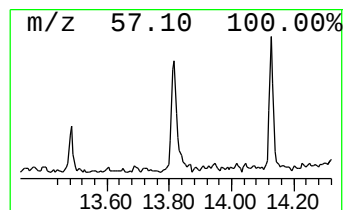
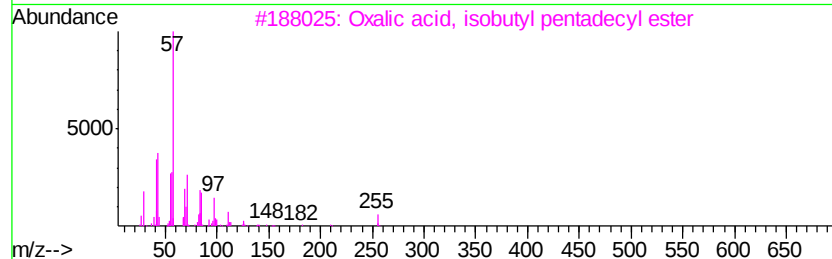
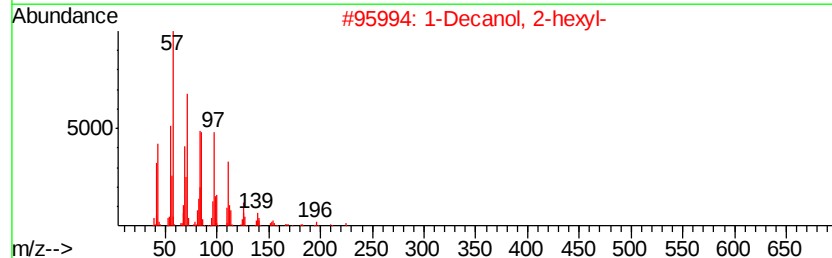
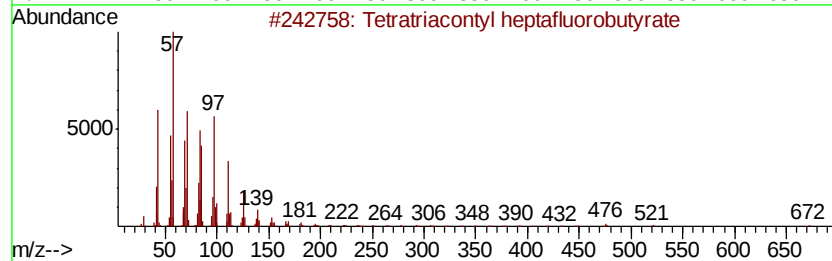
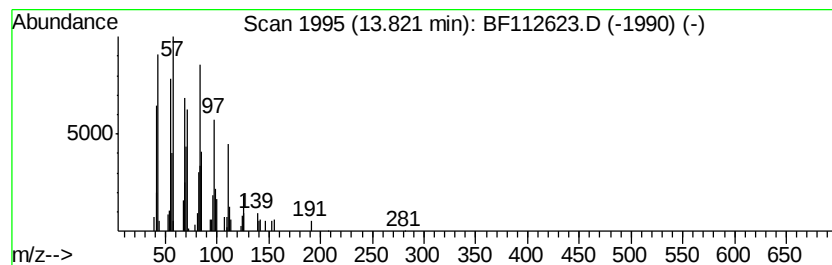
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Peak Number 5 Tetratriacontyl heptafluoro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	4.70 ng	152191	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	91
2		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
3		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
5		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	81



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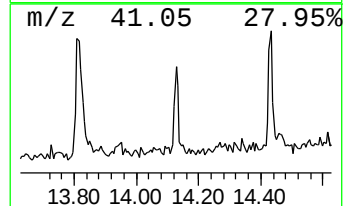
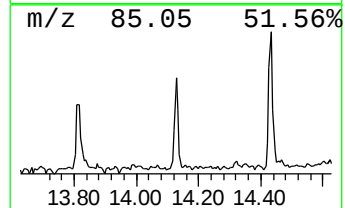
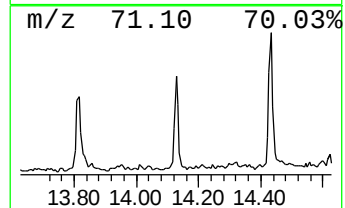
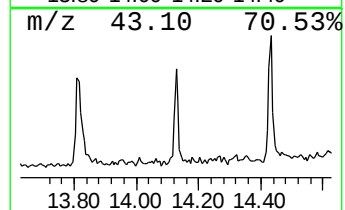
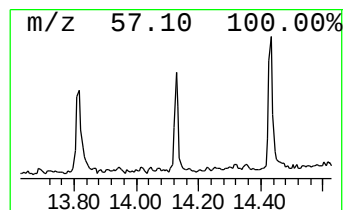
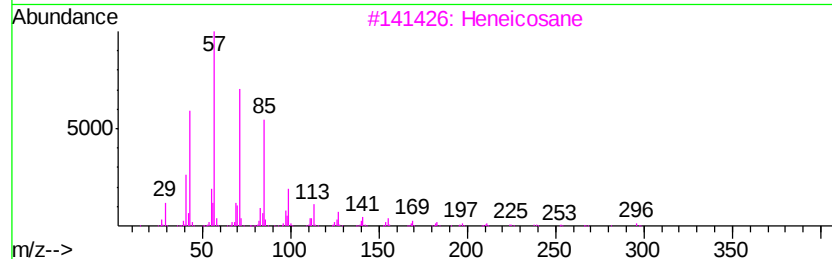
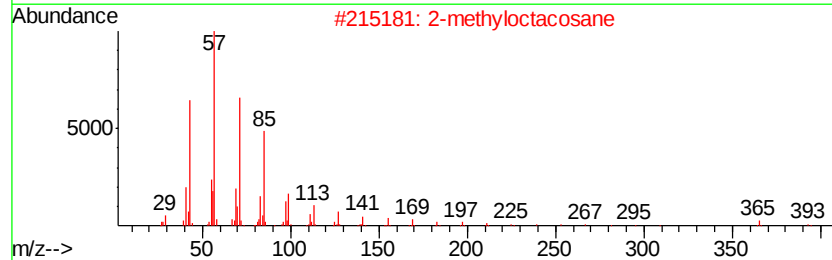
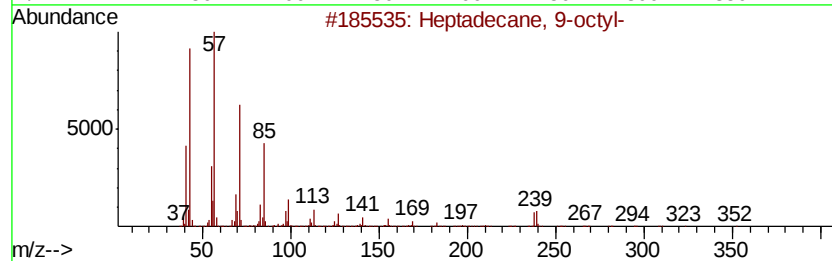
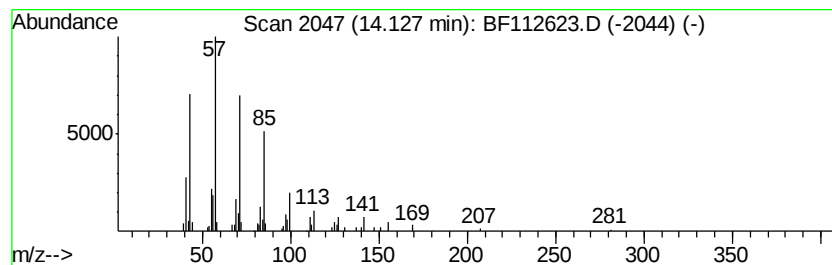
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptadecane, 9-octyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.13	2.01 ng	65146	Chrysene-d12		14.00
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90



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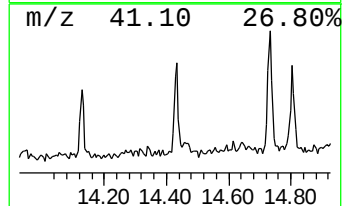
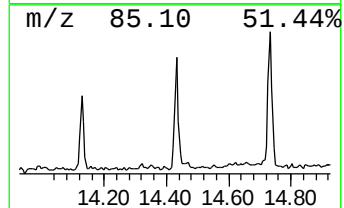
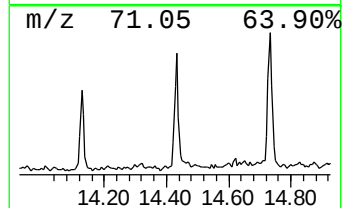
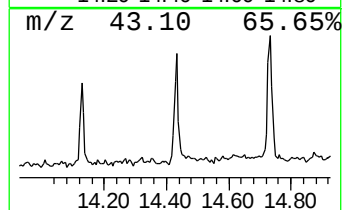
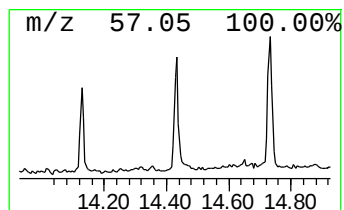
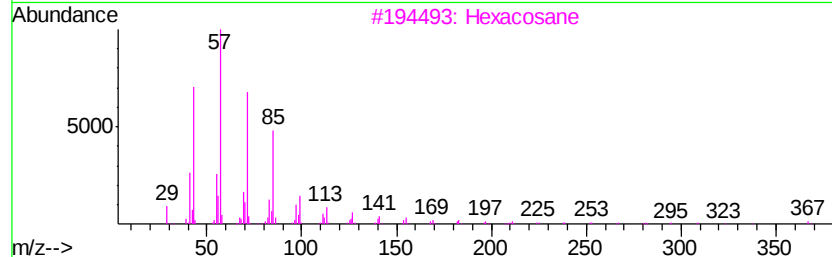
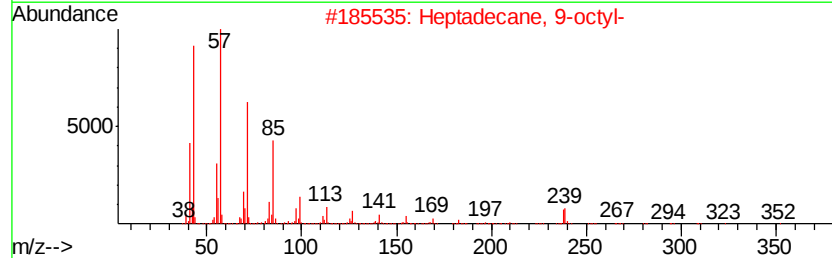
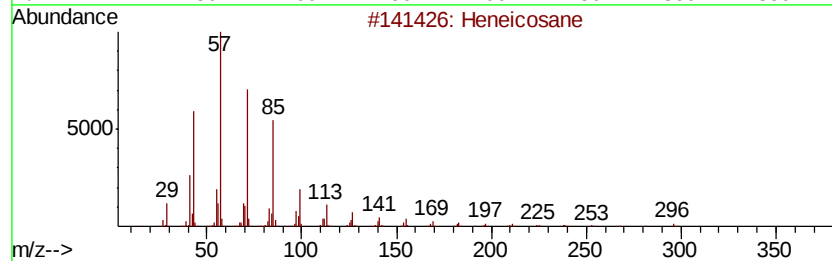
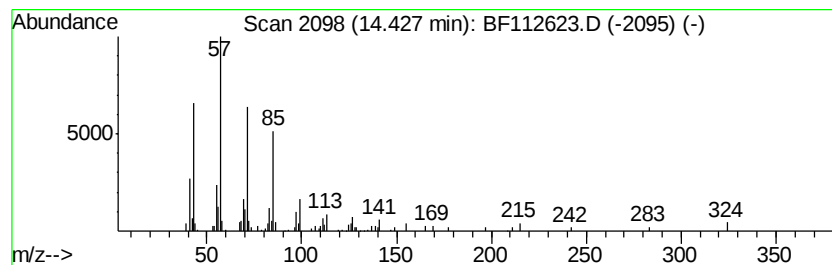
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	3.47 ng	112218	Chrysene-d12	14.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
3	Hexacosane		366	C26H54	000630-01-3	90
4	Tetracosane		338	C24H50	000646-31-1	90
5	Heptadecane		240	C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
Data File : BF112623.D
Acq On : 19 Feb 2019 16:14
Operator : JU/SJ
Sample : K1515-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-10

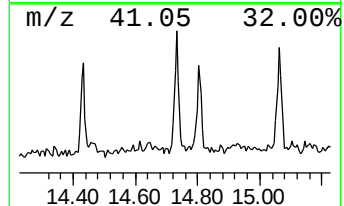
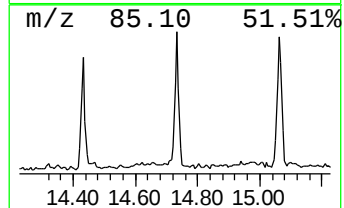
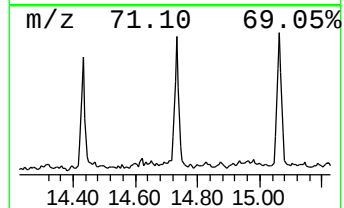
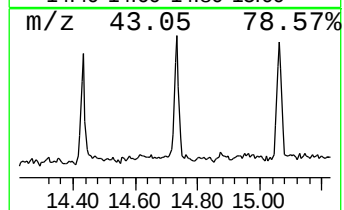
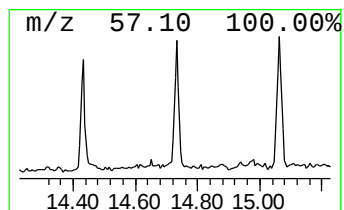
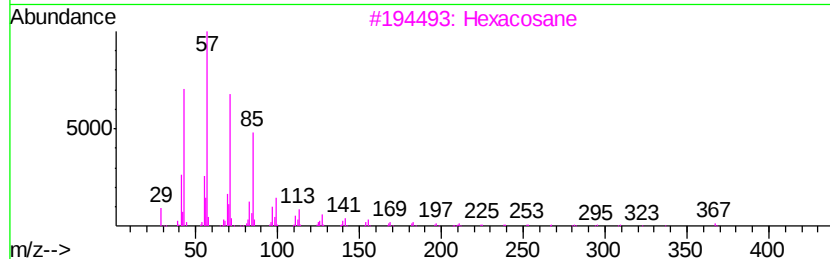
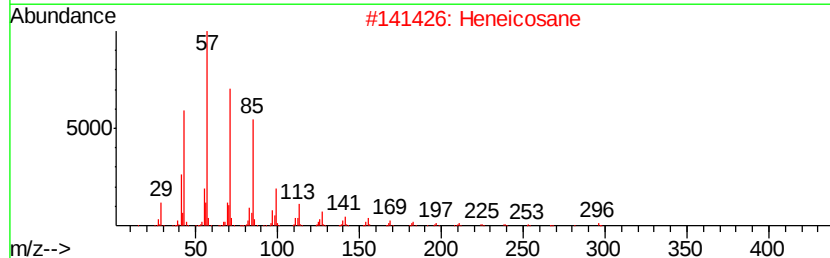
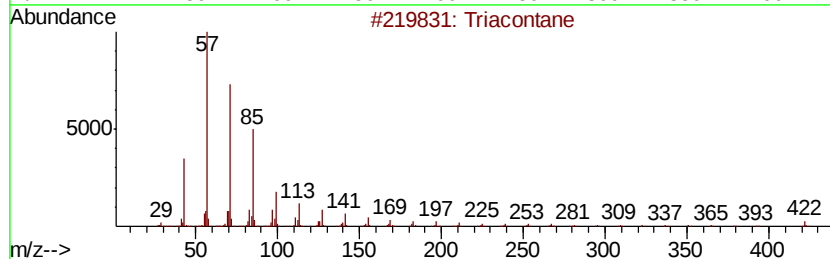
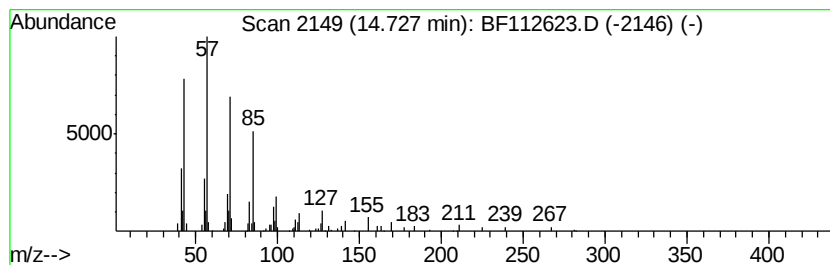
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Triacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	4.36 ng	141111	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Hexadecane	226	C16H34	000544-76-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
Data File : BF112623.D
Acq On : 19 Feb 2019 16:14
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Sample : K1515-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-10

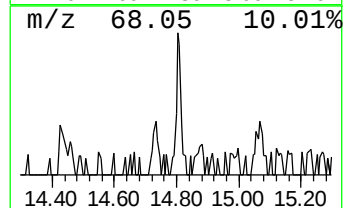
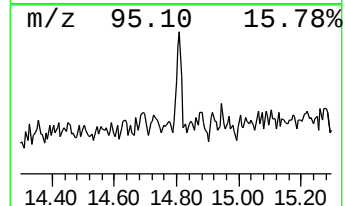
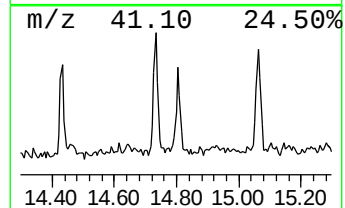
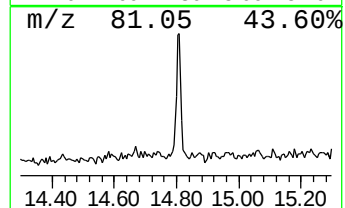
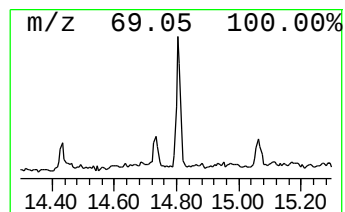
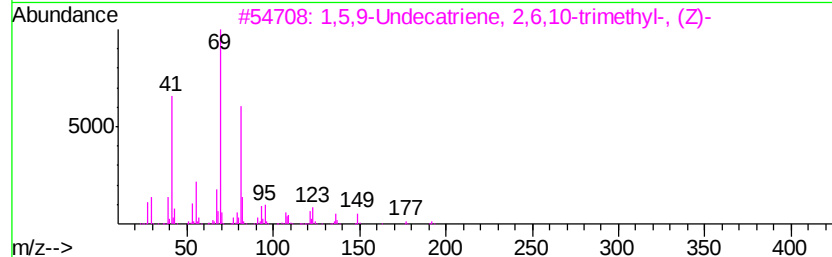
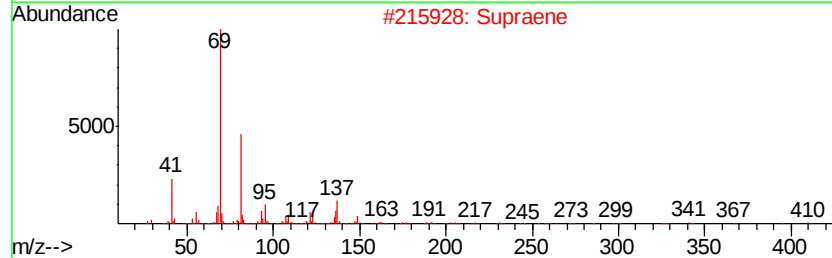
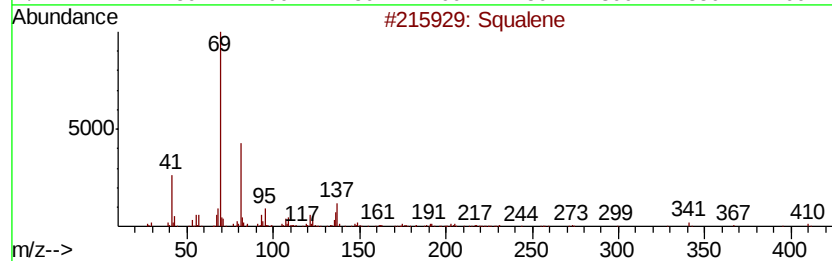
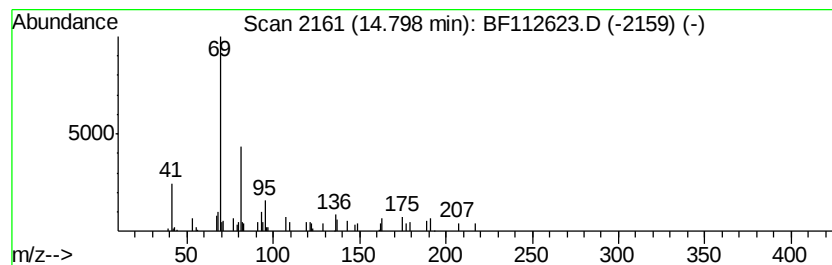
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.12 ng	64942	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	87
3		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	72
4		1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	47
5		.beta.-Citronellol, chlorodifluo...	268	C12H19ClF2O2	1000376-20-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
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 Acq On : 19 Feb 2019 16:14
 Operator : JU/SJ
 Sample : K1515-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

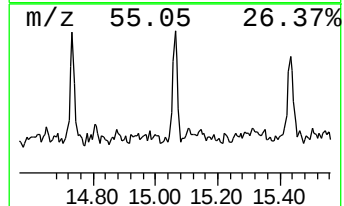
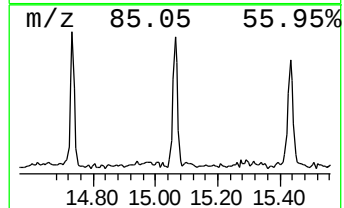
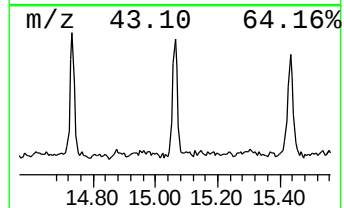
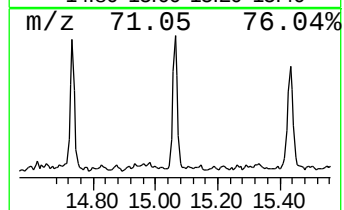
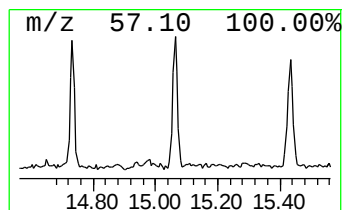
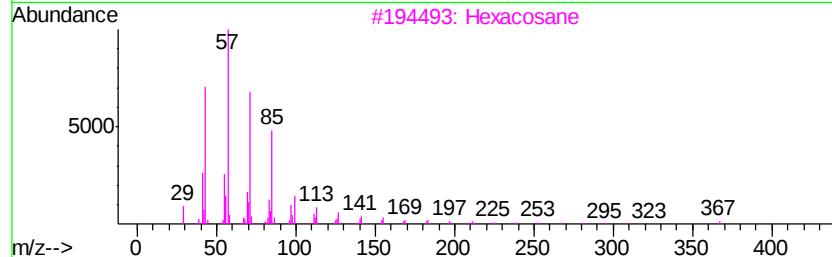
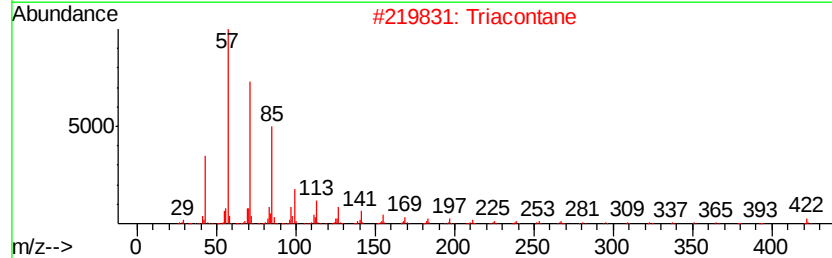
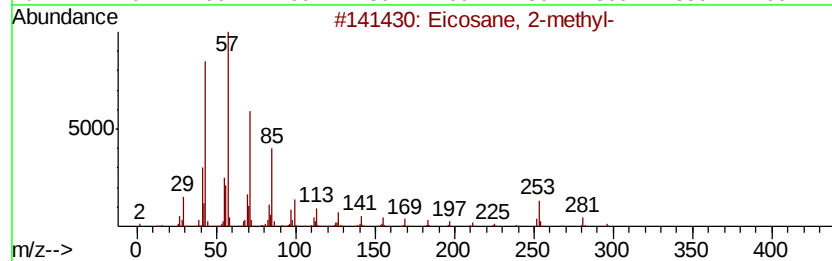
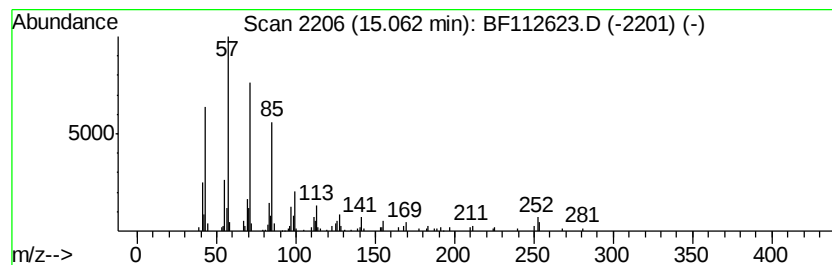
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 Eicosane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.06	5.41 ng	166001	Perylene-d12		15.47
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
2	Triacontane	422	C30H62	000638-68-6	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
Data File : BF112623.D
Acq On : 19 Feb 2019 16:14
Operator : JU/SJ
Sample : K1515-10
Misc :
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Instrument :
BNA_F
ClientSampleId :
TS-10

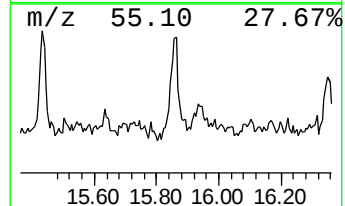
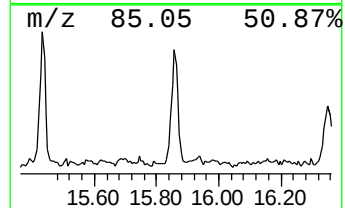
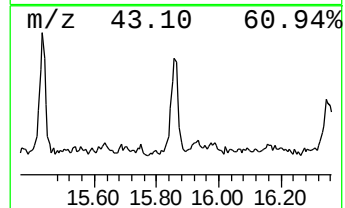
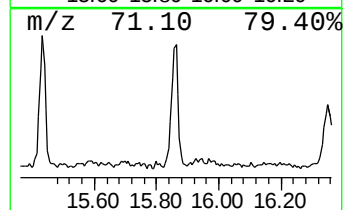
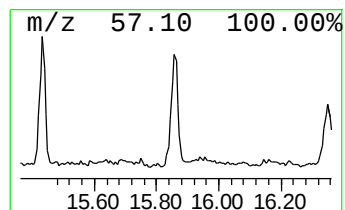
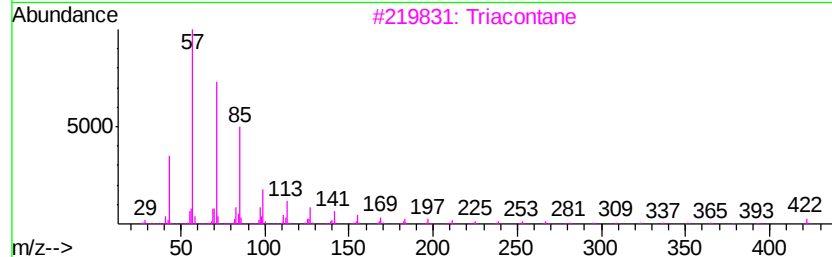
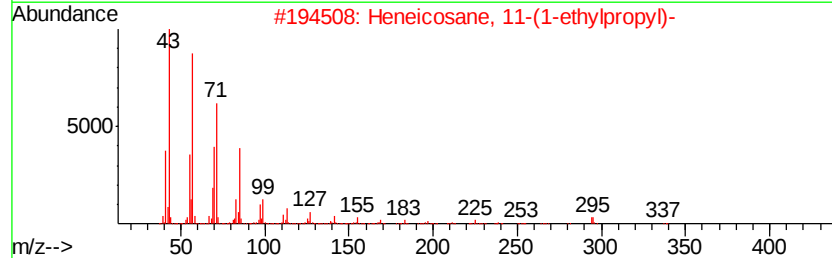
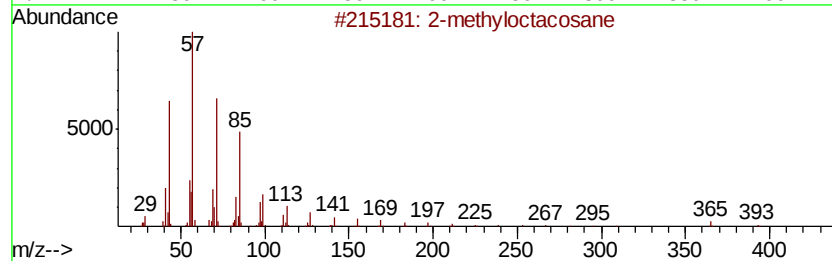
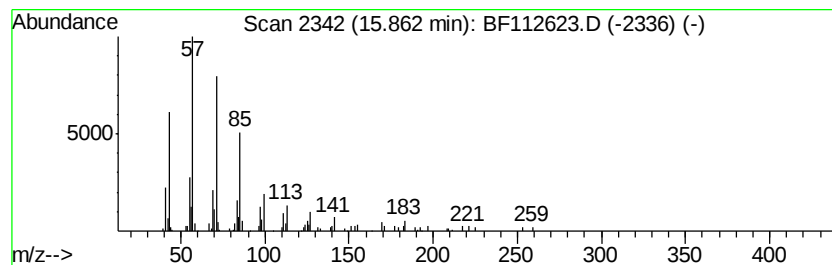
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	4.69 ng	143853	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	91
2			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3			Triacontane	422	C30H62	000638-68-6	91
4			Octacosane	394	C28H58	000630-02-4	91
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021919\
Data File : BF112623.D
Acq On : 19 Feb 2019 16:14
Operator : JU/SJ
Sample : K1515-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-10

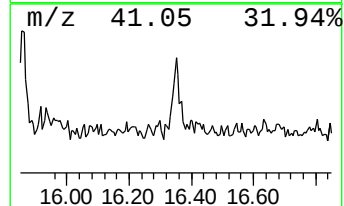
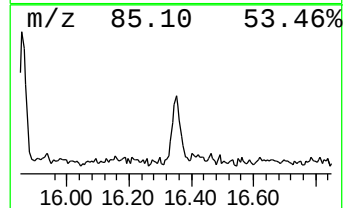
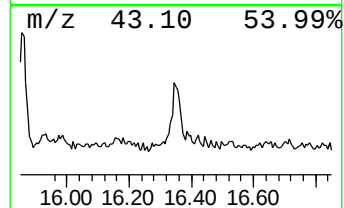
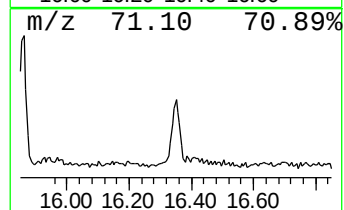
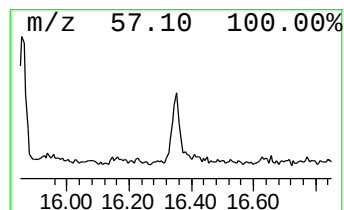
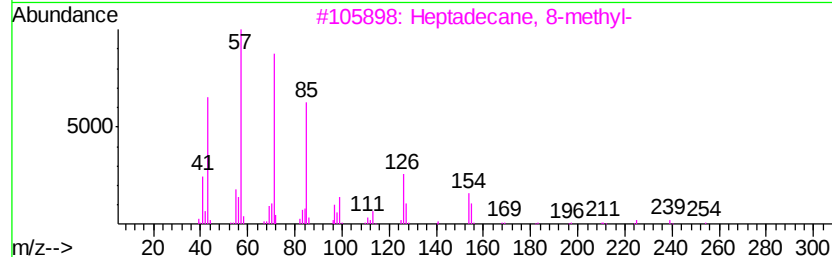
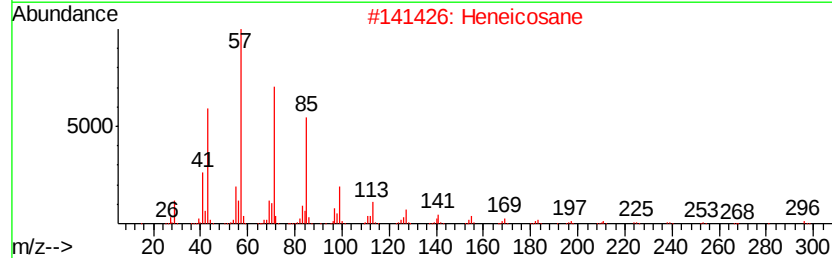
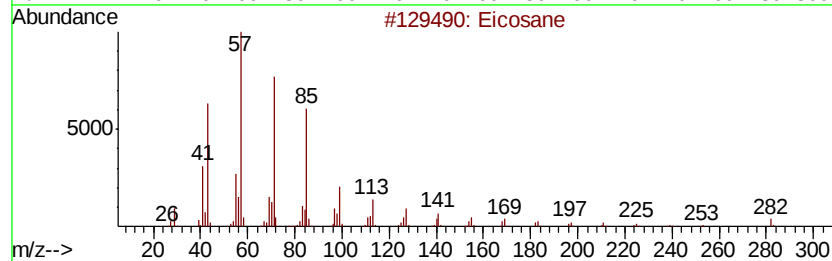
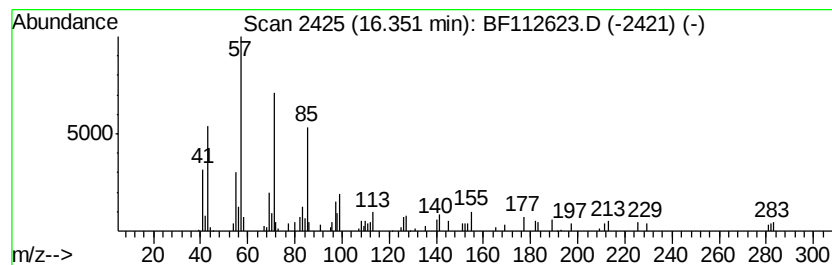
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	2.05 ng	62858	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	86
4		Heptacosane	380	C27H56	000593-49-7	86
5		Octadecane	254	C18H38	000593-45-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021919\
Data File : BF112623.D
Acq On : 19 Feb 2019 16:14
Operator : JU/SJ
Sample : K1515-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
2-Pentanone, 4-hy...	5.05	3.9 ng		99842	1	6.82	509955	20.0
unknown6.60	6.60	92.6 ng		2361030	1	6.82	509955	20.0
n-Hexadecanoic acid	11.87	5.0 ng		194804	4	11.35	773106	20.0
Tetratriacontyl h...	13.82	4.7 ng		152191	5	14.00	647614	20.0
Heptadecane, 9-oc...	14.13	2.0 ng		65146	5	14.00	647614	20.0
Heneicosane	14.43	3.5 ng		112218	5	14.00	647614	20.0
Triacontane	14.73	4.4 ng		141111	5	14.00	647614	20.0
Squalene	14.80	2.1 ng		64942	6	15.47	613988	20.0
Eicosane, 2-methyl-	15.06	5.4 ng		166001	6	15.47	613988	20.0
2-methyloctacosane	15.86	4.7 ng		143853	6	15.47	613988	20.0
Eicosane	16.35	2.0 ng		62858	6	15.47	613988	20.0