

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
 Data File : BF118228.D
 Acq On : 17 Dec 2019 16:05
 Operator : JU
 Sample : K6294-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

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-BF120619.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	2.116	3	5	26	rVB	274660	400559	10.54%	1.334%
2	5.069	502	507	516	rVB	311953	397678	10.46%	1.325%
3	5.475	572	576	590	rBV	2417435	2275543	59.87%	7.579%
4	6.492	744	749	765	rBV	2458987	2517818	66.25%	8.386%
5	6.628	768	772	775	rBV	3121484	2630039	69.20%	8.760%
6	6.857	807	811	816	rBV	906921	724676	19.07%	2.414%
7	7.016	834	838	841	rBV	2359983	2046777	53.85%	6.817%
8	7.422	902	907	910	rBV	1648181	1504031	39.57%	5.010%
9	7.681	948	951	955	rVB	70131	61146	1.61%	0.204%
10	8.145	1026	1030	1047	rVB	1067880	986423	25.95%	3.286%
11	9.222	1209	1213	1216	rBV	3658089	3141633	82.66%	10.464%
12	9.616	1277	1280	1290	rBV	191127	180665	4.75%	0.602%
13	9.904	1325	1329	1340	rBV	1420970	1249079	32.86%	4.160%
14	10.698	1460	1464	1478	rBV	2529707	2419220	63.65%	8.058%
15	11.398	1579	1583	1591	rBV	1524632	1367370	35.98%	4.554%
16	11.921	1669	1672	1688	rBV	161280	201807	5.31%	0.672%
17	12.710	1803	1806	1817	rBV2	64300	89787	2.36%	0.299%
18	12.992	1849	1854	1857	rBV	4423624	3800717	100.00%	12.659%
19	13.886	2002	2006	2018	rBV	425537	602609	15.86%	2.007%
20	14.051	2030	2034	2044	rVB	1166518	1097844	28.89%	3.657%
21	14.204	2056	2060	2067	rBV	77943	85673	2.25%	0.285%
22	14.510	2108	2112	2122	rBV	143805	184249	4.85%	0.614%
23	14.821	2160	2165	2169	rBV	192497	193498	5.09%	0.645%
24	15.162	2218	2223	2228	rBV	199040	239007	6.29%	0.796%
25	15.545	2282	2288	2297	rBV2	760047	1117697	29.41%	3.723%
26	15.998	2359	2365	2371	rBV	137232	222918	5.87%	0.742%
27	16.062	2371	2376	2385	rBV4	37935	94684	2.49%	0.315%
28	16.515	2446	2453	2459	rBV3	68001	131573	3.46%	0.438%
29	17.121	2550	2556	2565	rVB5	26408	58198	1.53%	0.194%

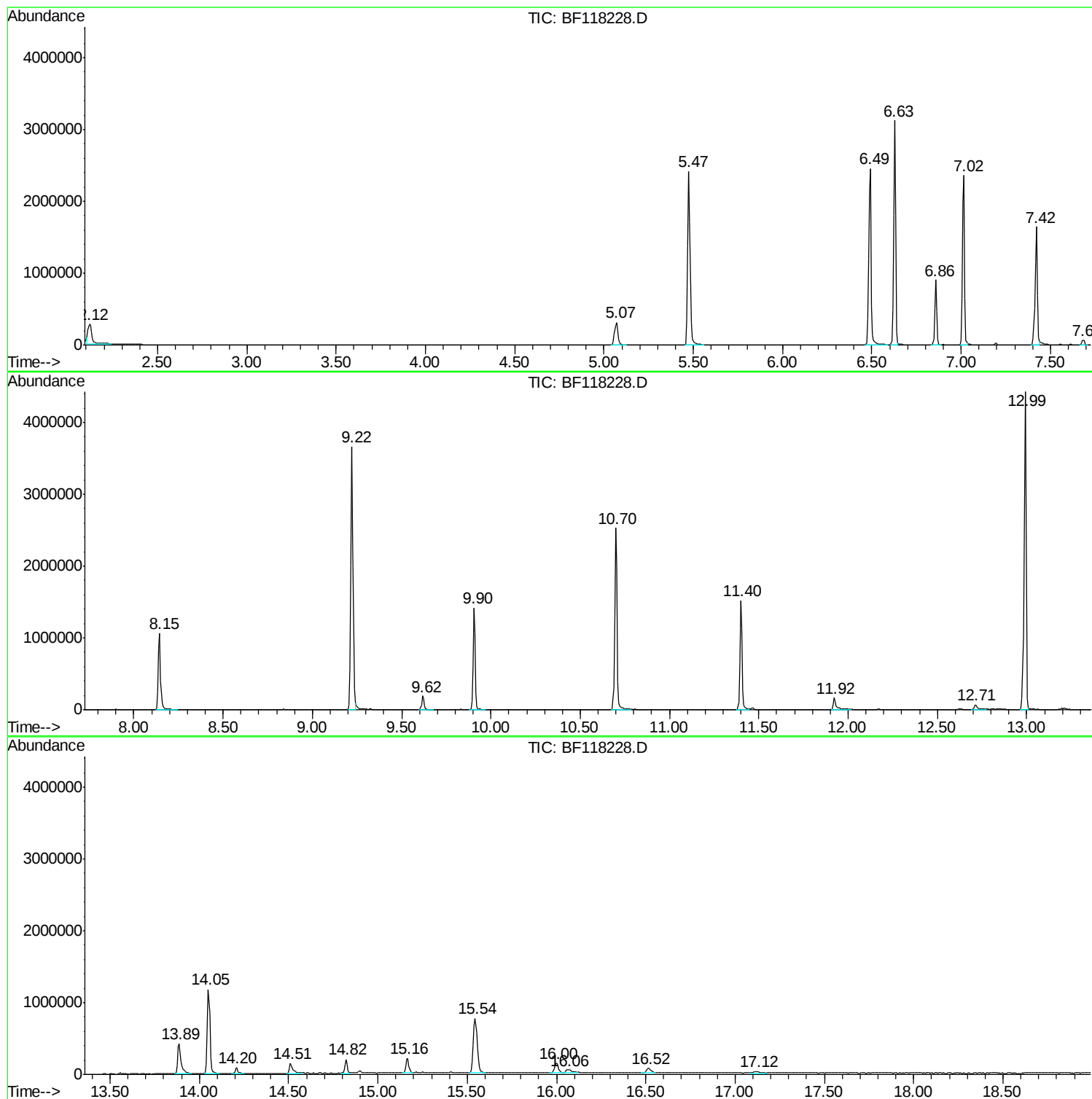
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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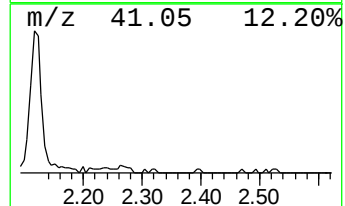
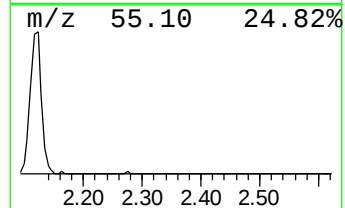
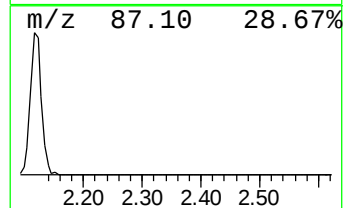
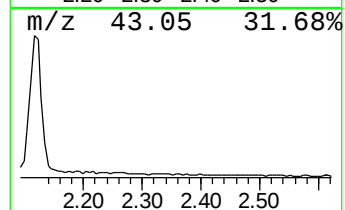
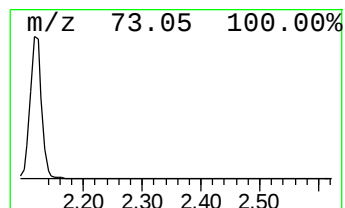
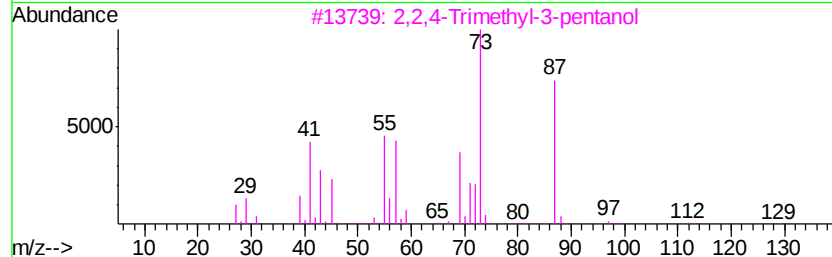
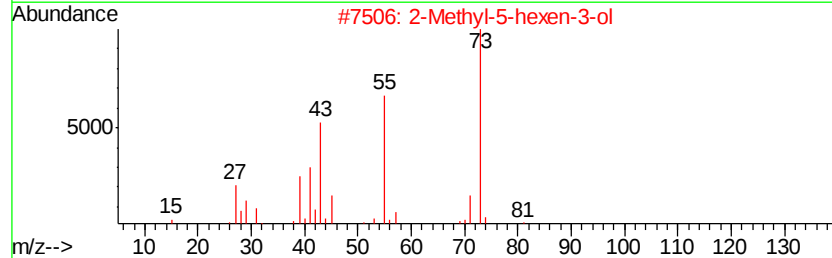
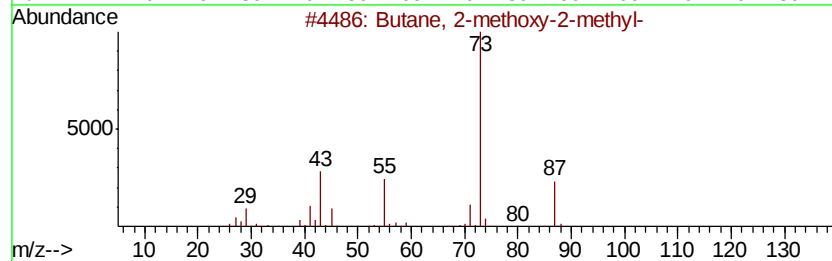
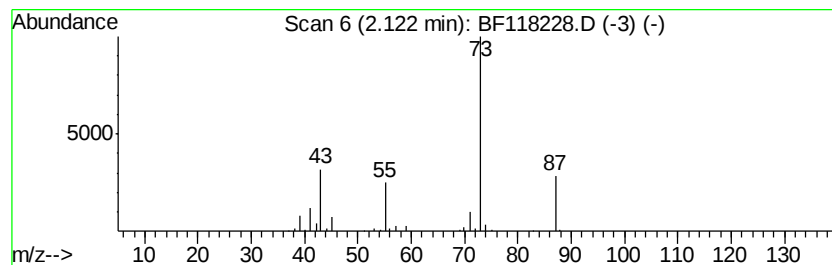
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	11.05 ng	400559	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-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	40
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16



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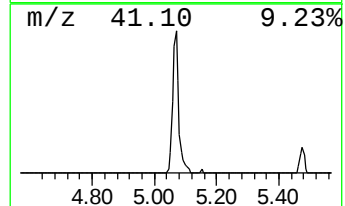
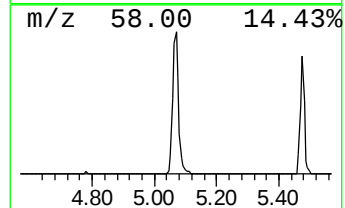
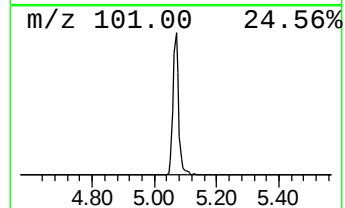
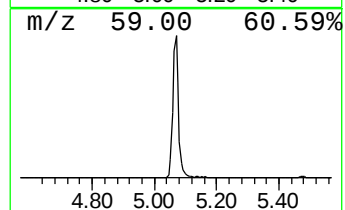
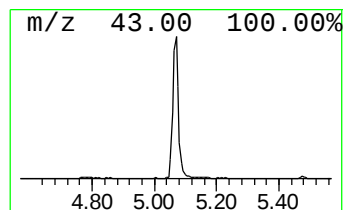
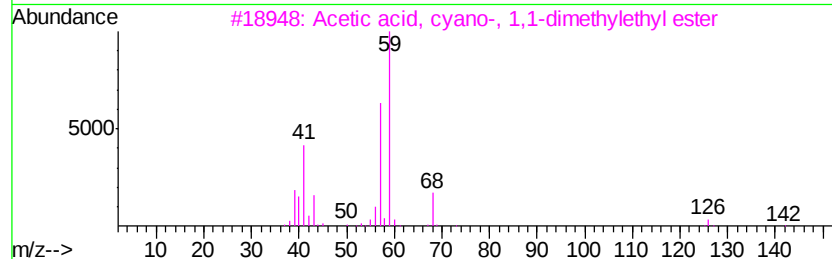
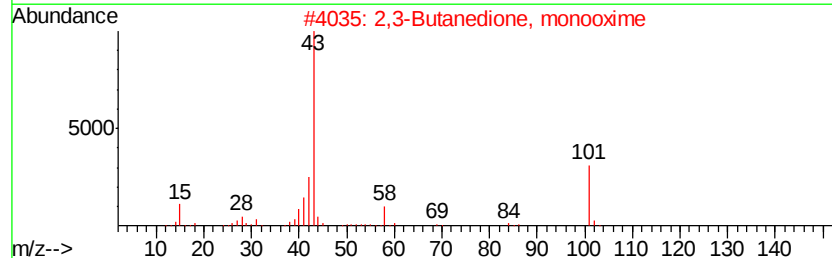
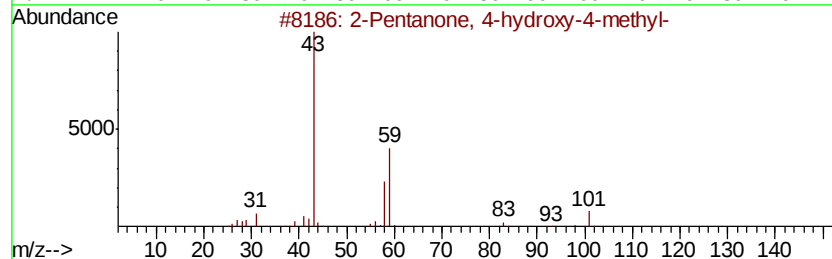
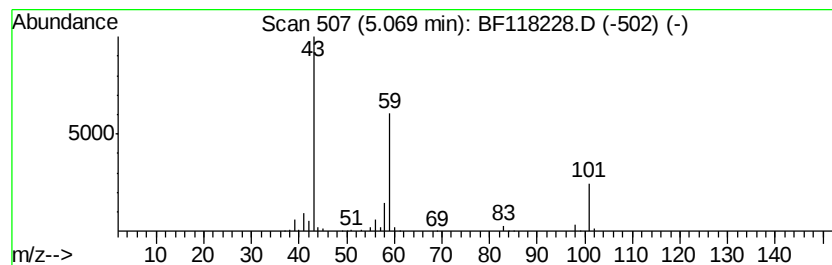
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	10.98 ng	397678	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	72
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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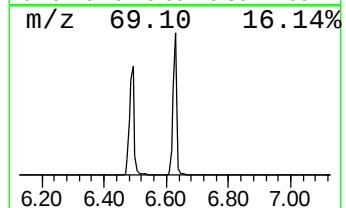
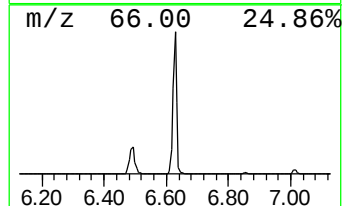
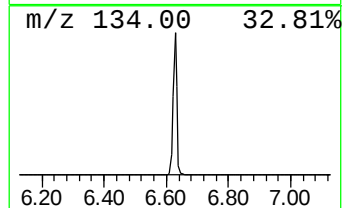
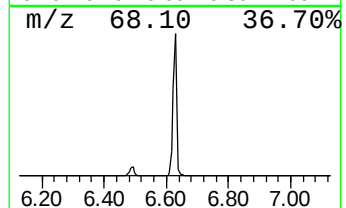
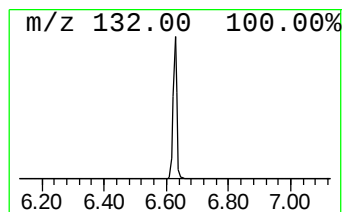
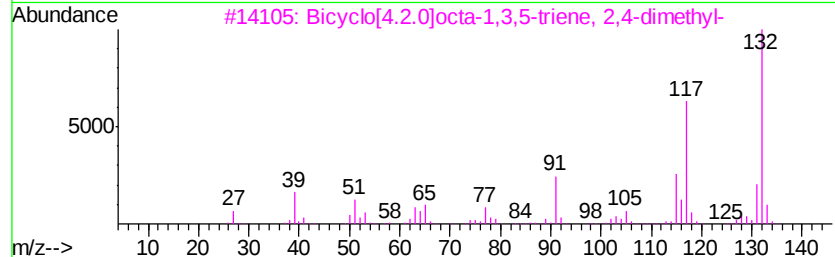
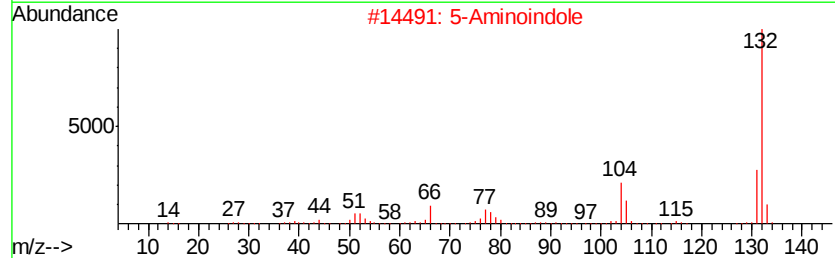
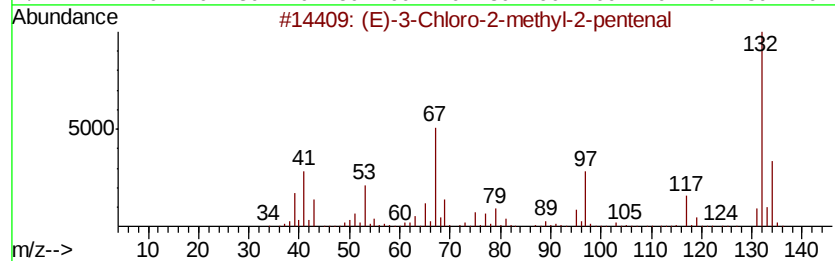
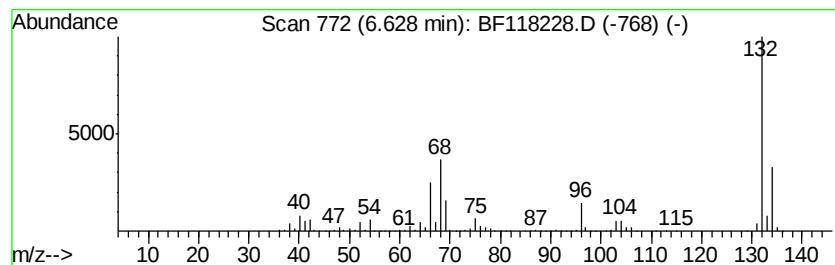
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	72.59 ng	2630040	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		5-Aminoindole	132	C8H8N2	005192-03-0	16
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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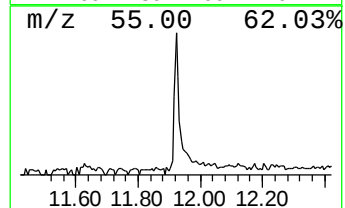
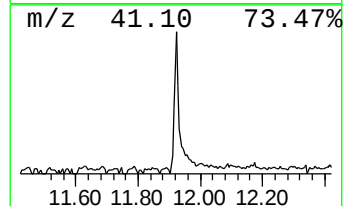
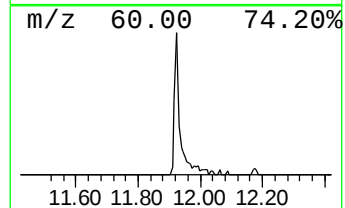
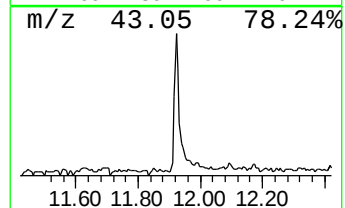
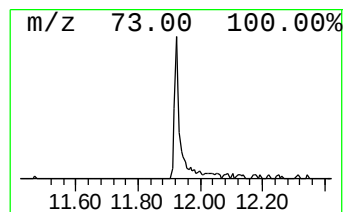
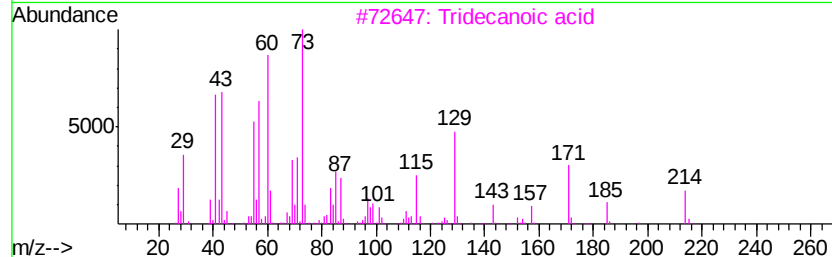
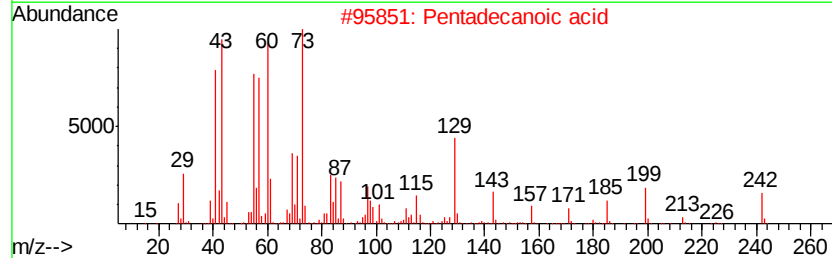
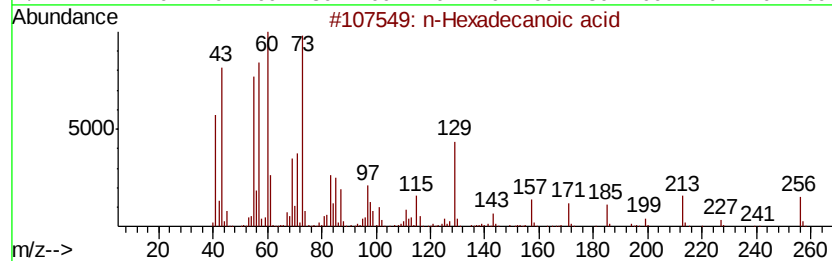
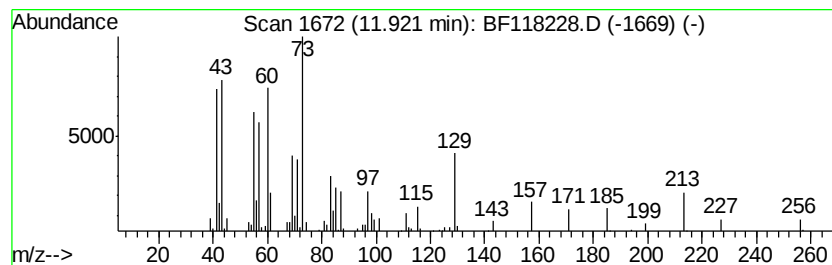
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.92	2.95 ng	201807	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	30
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	11



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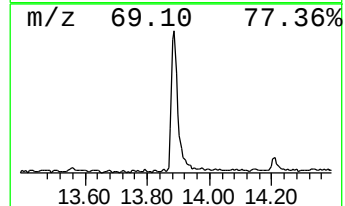
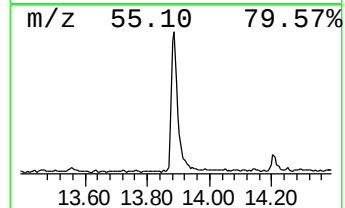
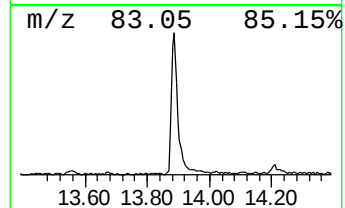
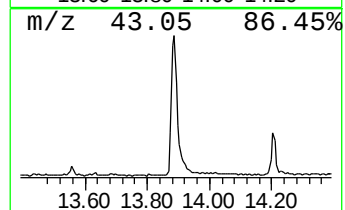
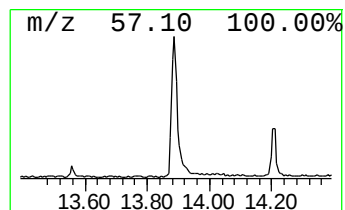
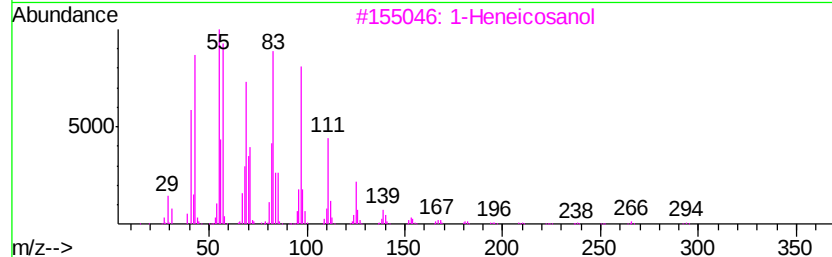
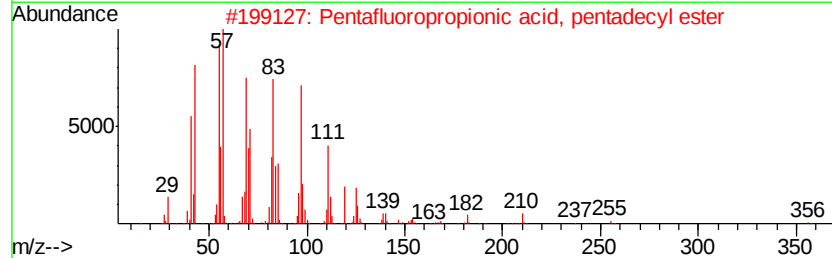
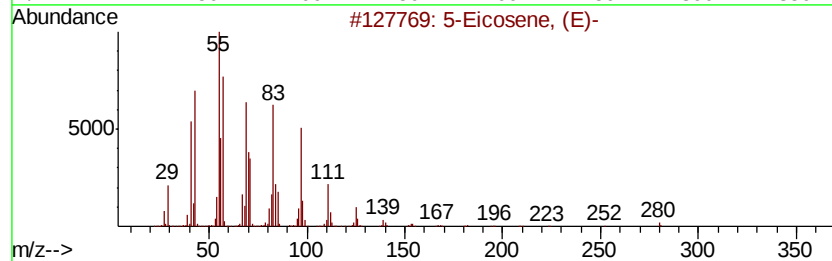
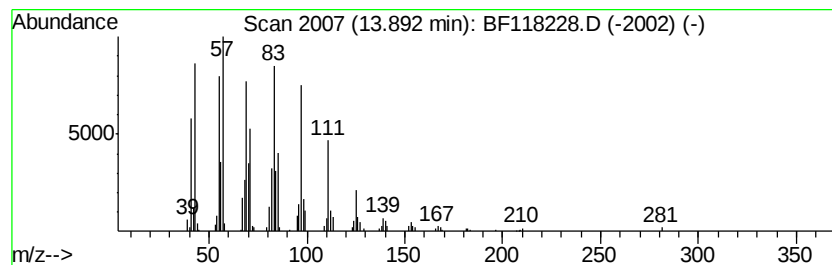
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Peak Number 6 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	10.98 ng	602609	Chrysene-d12	14.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Eicosene, (E)-	280 C20H40	074685-30-6	97
2	Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1	94
3	1-Heneicosanol	312 C21H44O	015594-90-8	93
4	Behenic alcohol	326 C22H46O	000661-19-8	93
5	Heptafluorobutyric acid, pentade...	424 C19H31F7O2	959261-23-5	91



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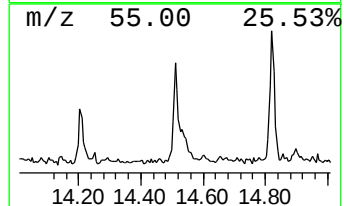
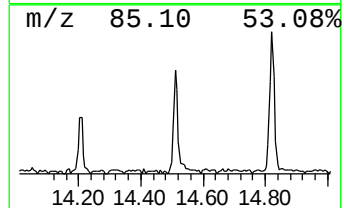
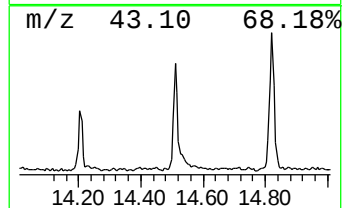
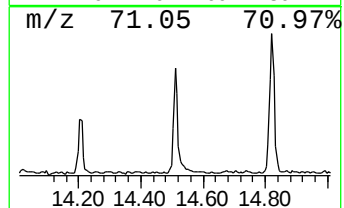
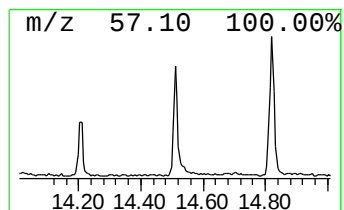
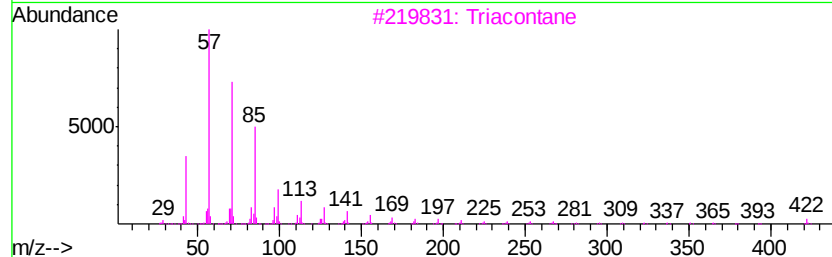
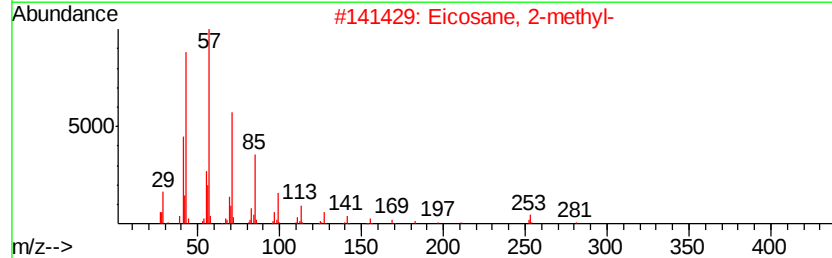
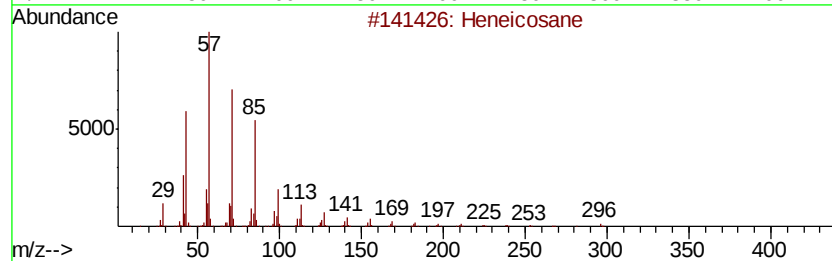
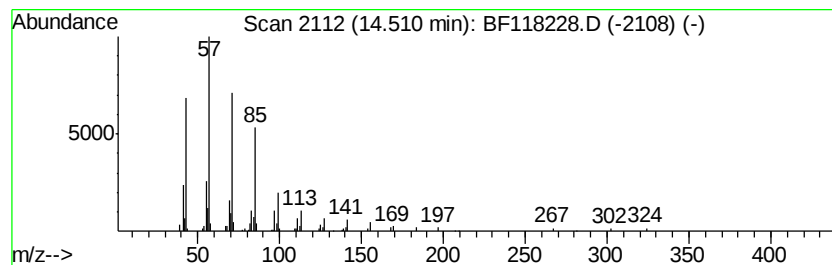
Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
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.
14.51	3.36 ng	184249	Chrysene-d12	14.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	91
2	Eicosane, 2-methyl-	296 C21H44	001560-84-5	91
3	Triacontane	422 C30H62	000638-68-6	91
4	Docosane, 11-butyl-	366 C26H54	013475-76-8	90
5	Nonadecane, 2-methyl-	282 C20H42	001560-86-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118228.D
Acq On : 17 Dec 2019 16:05
Operator : JU
Sample : K6294-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

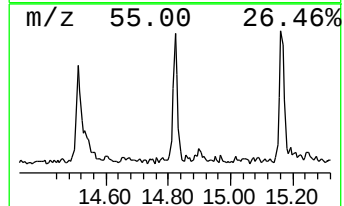
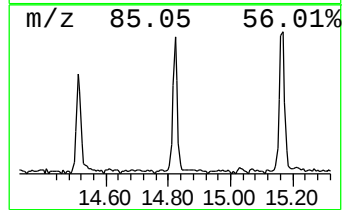
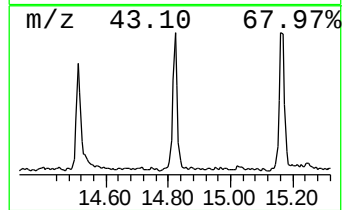
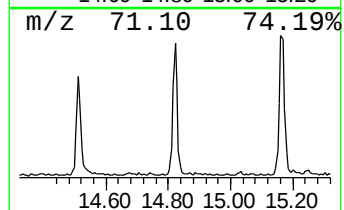
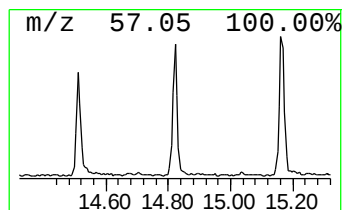
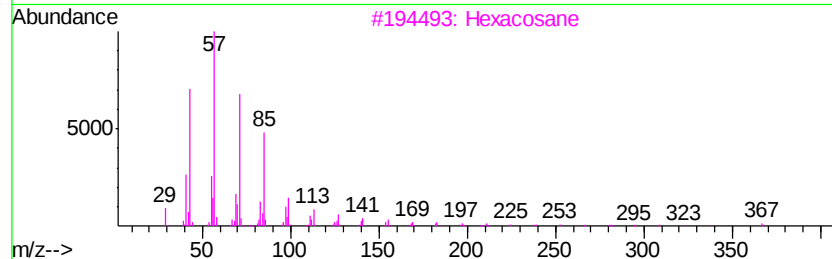
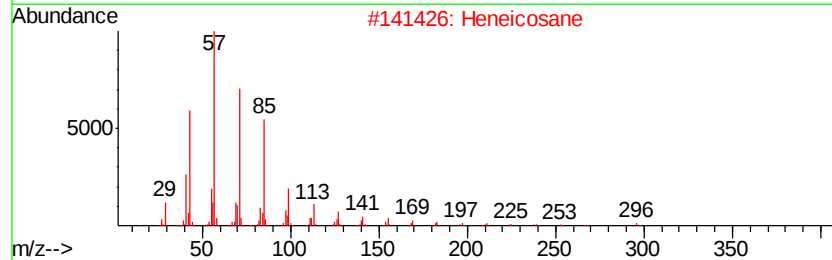
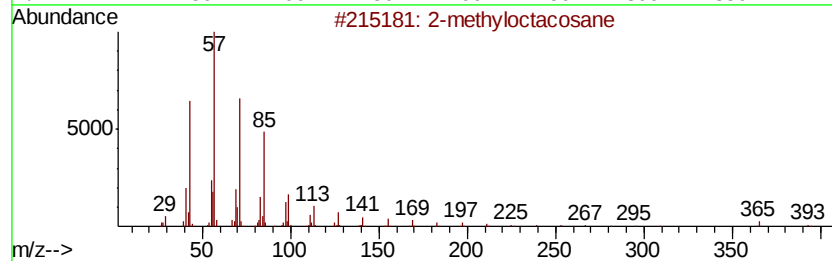
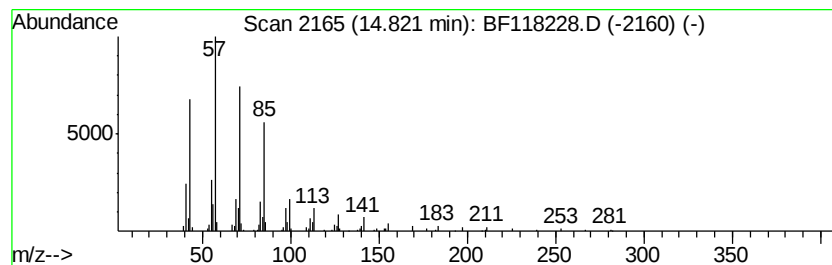
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	3.46 ng	193498	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Octadecane	254	C18H38	000593-45-3	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118228.D
Acq On : 17 Dec 2019 16:05
Operator : JU
Sample : K6294-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

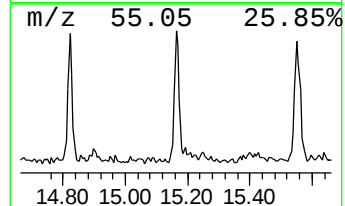
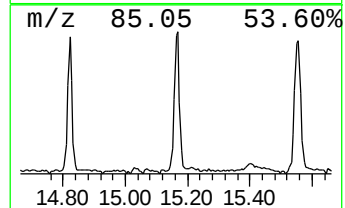
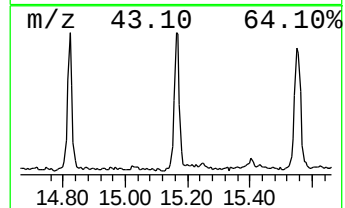
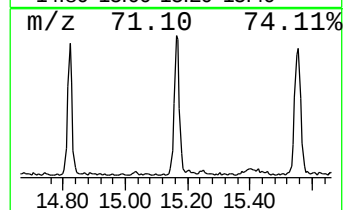
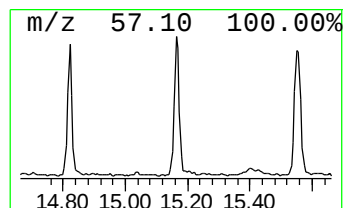
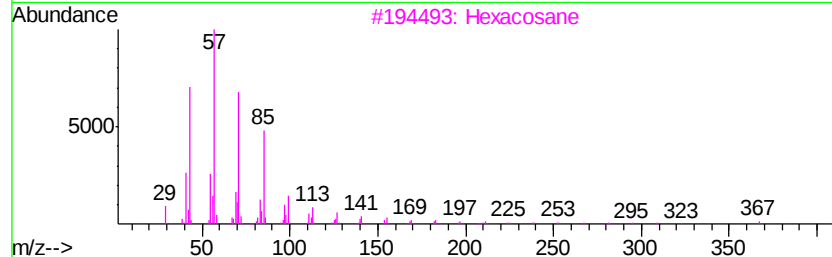
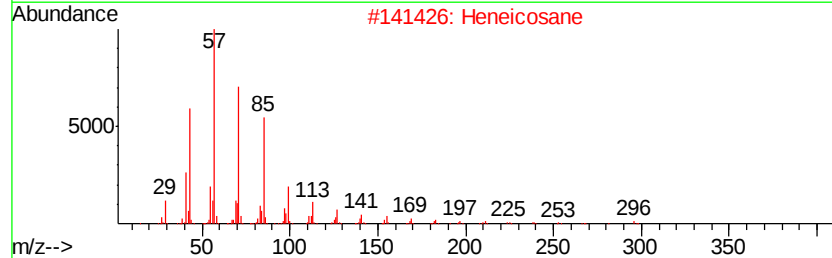
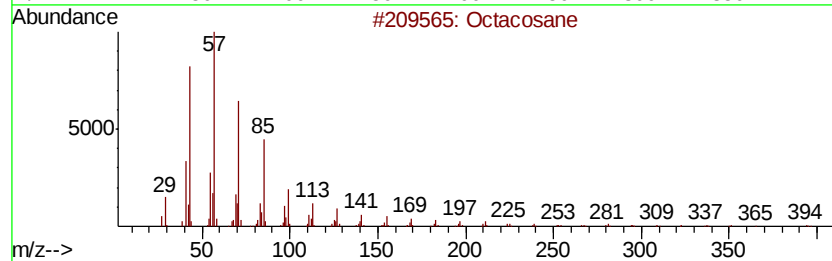
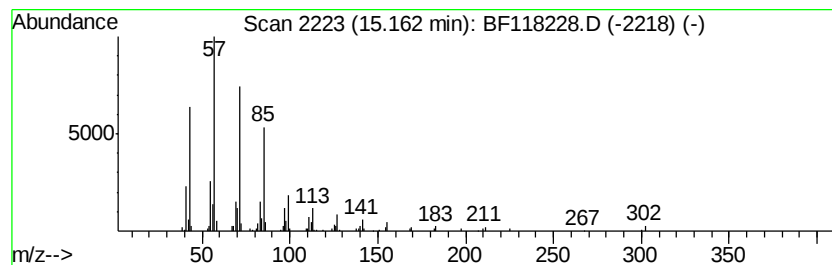
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	4.28 ng	239007	Perylene-d12	15.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane		394	C28H58	000630-02-4	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	Eicosane		282	C20H42	000112-95-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118228.D
Acq On : 17 Dec 2019 16:05
Operator : JU
Sample : K6294-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

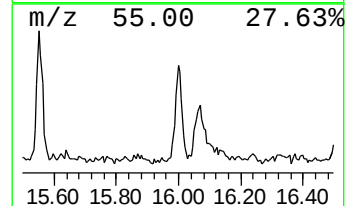
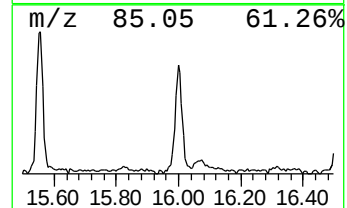
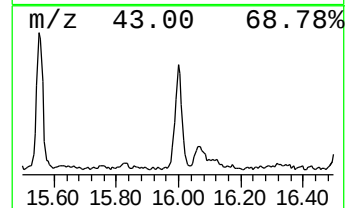
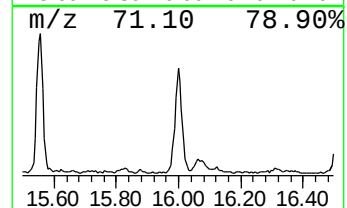
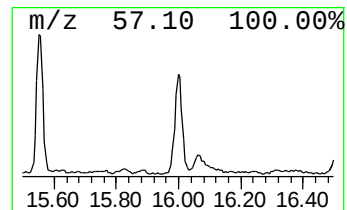
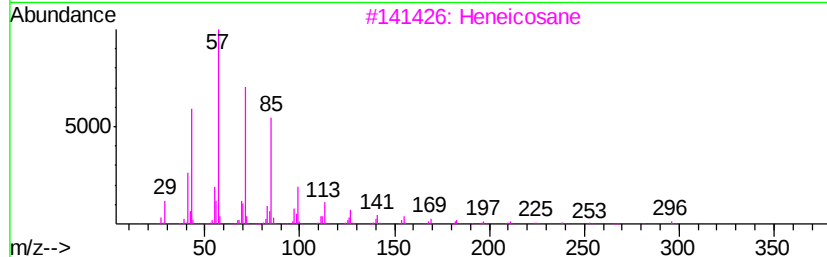
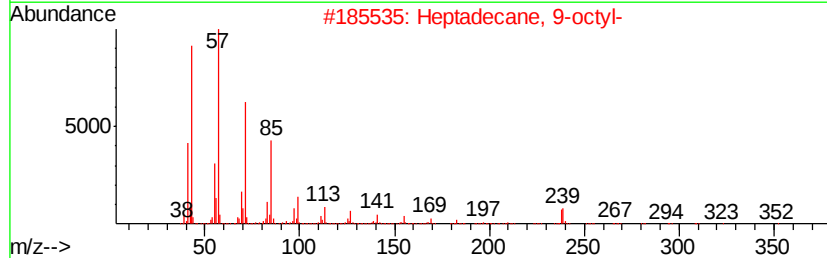
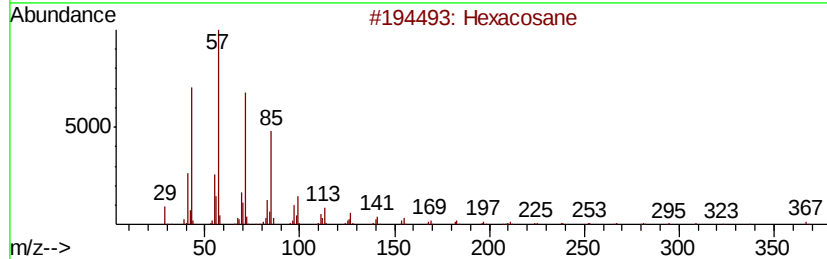
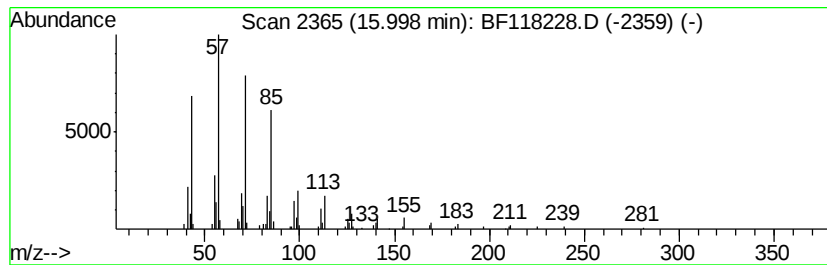
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	3.99 ng	222918	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
Data File : BF118228.D
Acq On : 17 Dec 2019 16:05
Operator : JU
Sample : K6294-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

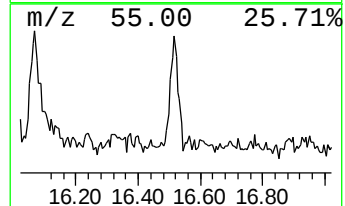
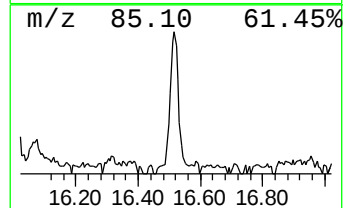
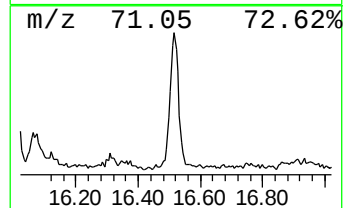
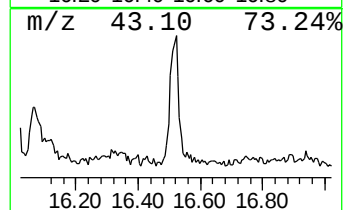
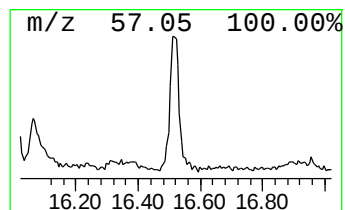
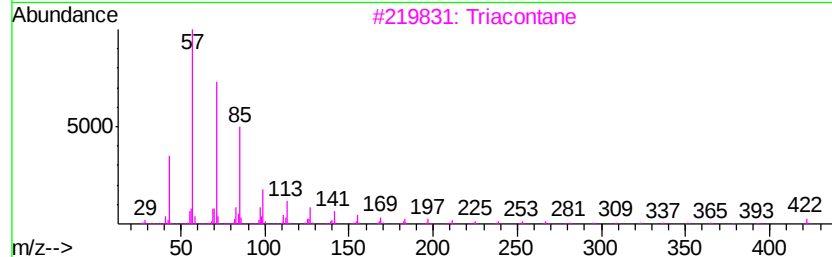
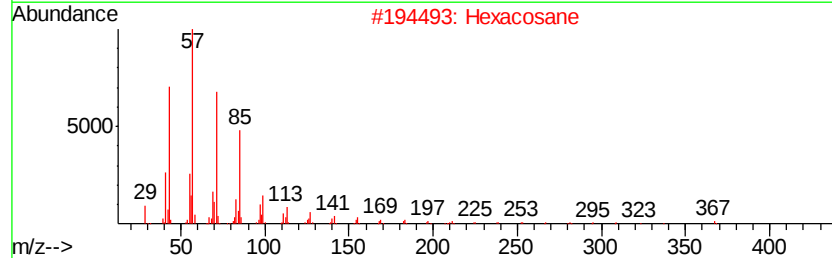
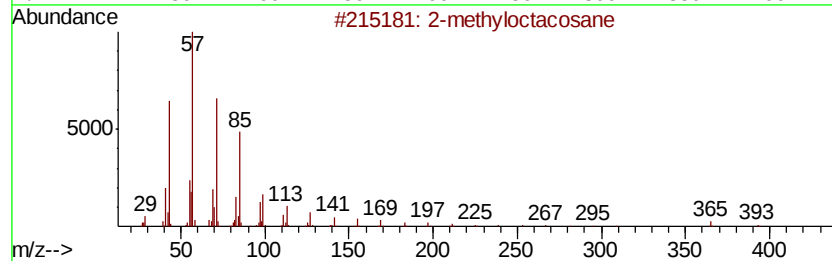
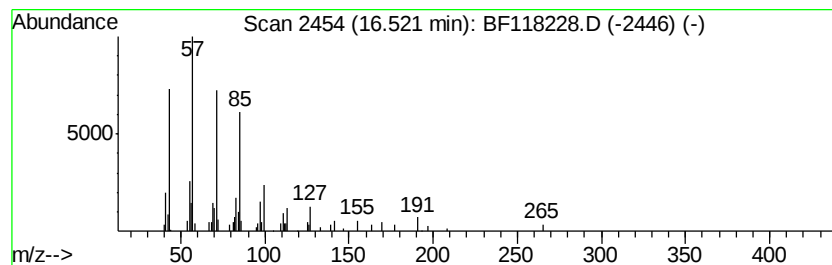
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Triacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	2.35 ng	131573	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Hexacosane	366	C26H54	000630-01-3	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121719\
 Data File : BF118228.D
 Acq On : 17 Dec 2019 16:05
 Operator : JU
 Sample : K6294-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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...	2.12	11.1 ng		400559	1	6.86	724676	20.0
2-Pentanone, 4-hy...	5.07	11.0 ng		397678	1	6.86	724676	20.0
unknown6.63	6.63	72.6 ng		2630040	1	6.86	724676	20.0
n-Hexadecanoic acid	11.92	3.0 ng		201807	4	11.40	1367370	20.0
5-Eicosene, (E)-	13.89	11.0 ng		602609	5	14.05	1097840	20.0
Heneicosane	14.51	3.4 ng		184249	5	14.05	1097840	20.0
2-methyloctacosane	14.82	3.5 ng		193498	6	15.54	1117700	20.0
Octacosane	15.16	4.3 ng		239007	6	15.54	1117700	20.0
Hexacosane	16.00	4.0 ng		222918	6	15.54	1117700	20.0
Triacontane	16.52	2.4 ng		131573	6	15.54	1117700	20.0