

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118129.D
 Acq On : 7 Dec 2019 15:16
 Operator : JU
 Sample : K6177-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-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-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	2.128	3	7	14	rVB	247433	315274	7.12%	0.914%
2	5.075	503	508	522	rVB	415621	541150	12.21%	1.568%
3	5.481	572	577	581	rBV	2686154	2737135	61.78%	7.932%
4	6.498	744	750	753	rBV	2900783	2897058	65.39%	8.395%
5	6.634	769	773	777	rBV	3235806	3111703	70.23%	9.017%
6	6.863	809	812	816	rBV	870180	736753	16.63%	2.135%
7	7.022	835	839	842	rBV	2925703	2418444	54.58%	7.008%
8	7.428	903	908	911	rBV	1854411	1818071	41.03%	5.269%
9	8.151	1027	1031	1037	rBV	1171324	962209	21.72%	2.788%
10	9.233	1210	1215	1218	rBV	4178406	3698872	83.48%	10.719%
11	9.622	1278	1281	1285	rBV	208985	192078	4.34%	0.557%
12	9.916	1327	1331	1334	rBV	1293209	1174276	26.50%	3.403%
13	10.704	1461	1465	1479	rBV	2744943	2600354	58.69%	7.535%
14	11.404	1580	1584	1591	rBV	1582013	1302381	29.40%	3.774%
15	11.927	1667	1673	1681	rBV	333677	328337	7.41%	0.951%
16	12.715	1803	1807	1819	rBV	93294	111298	2.51%	0.323%
17	12.998	1850	1855	1858	rBV	4890289	4430607	100.00%	12.839%
18	13.562	1946	1951	1954	rBV2	36314	47837	1.08%	0.139%
19	13.757	1976	1984	1985	rBV4	63776	104448	2.36%	0.303%
20	13.886	2002	2006	2017	rBV	679900	734168	16.57%	2.128%
21	14.057	2030	2035	2041	rBV	1152072	1109860	25.05%	3.216%
22	14.210	2058	2061	2068	rVB	129792	123122	2.78%	0.357%
23	14.521	2109	2114	2126	rBV2	271175	369577	8.34%	1.071%
24	14.827	2161	2166	2170	rBV	266532	275408	6.22%	0.798%
25	15.174	2220	2225	2228	rBV	276772	316806	7.15%	0.918%
26	15.545	2282	2288	2305	rBV2	724327	1347880	30.42%	3.906%
27	16.009	2361	2367	2372	rBV	174550	290442	6.56%	0.842%
28	16.062	2372	2376	2385	rVB3	63529	128562	2.90%	0.373%
29	16.527	2449	2455	2468	rVB4	105068	221462	5.00%	0.642%
30	17.139	2553	2559	2564	rBV3	30185	62702	1.42%	0.182%

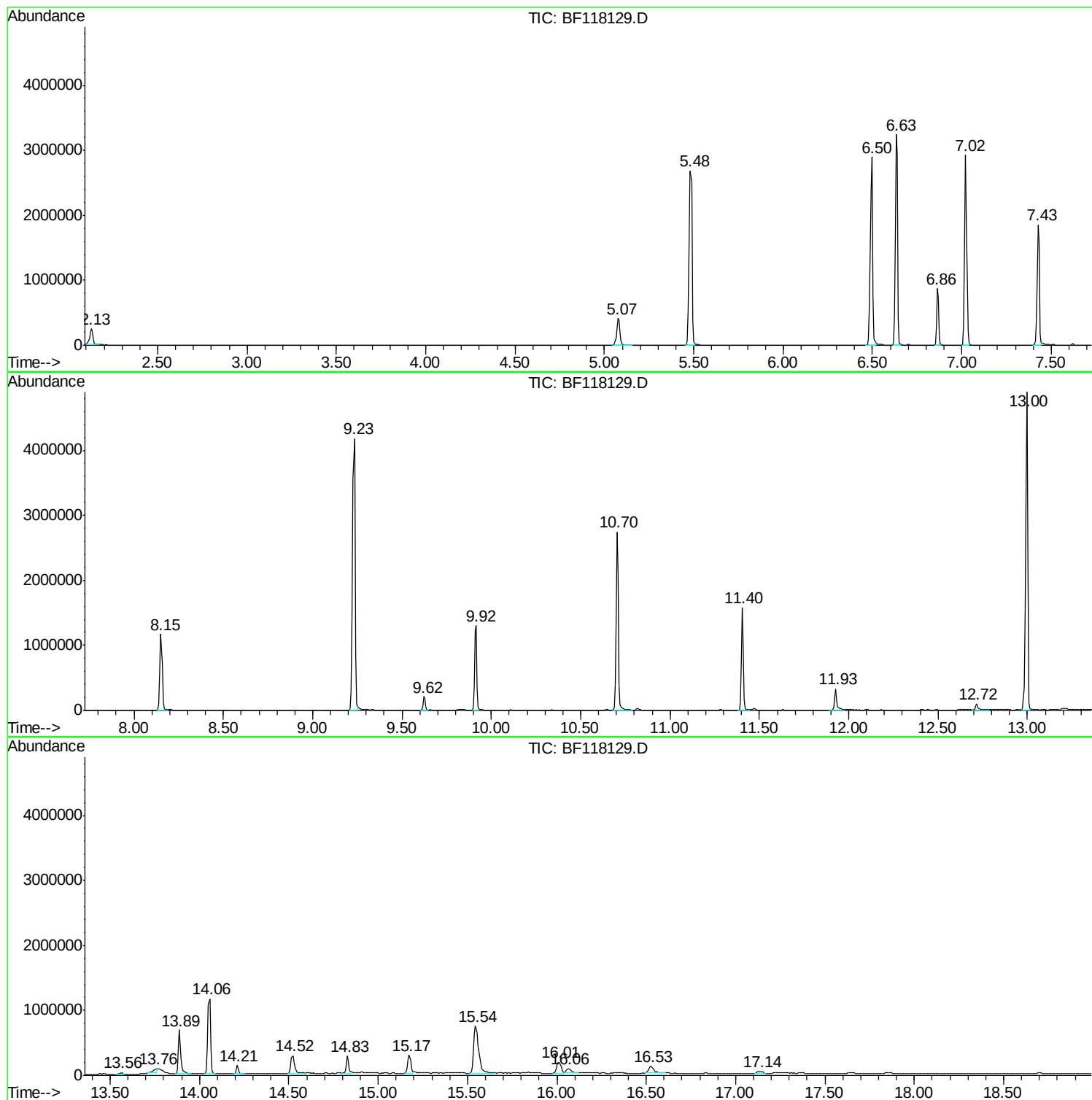
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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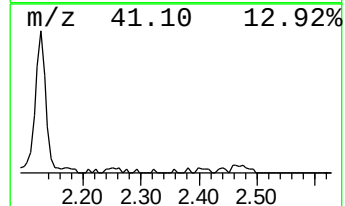
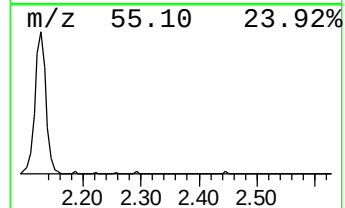
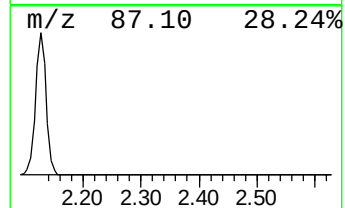
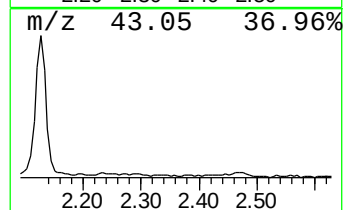
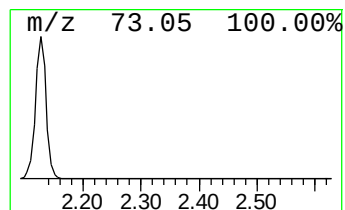
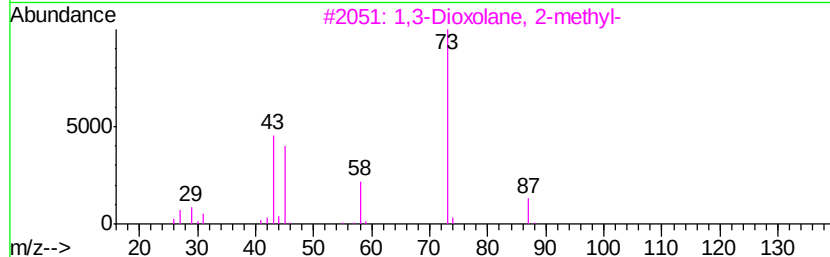
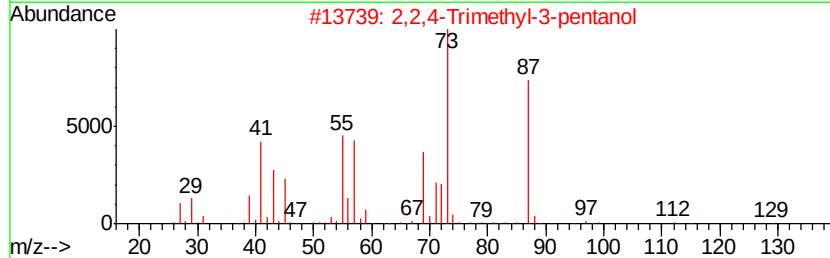
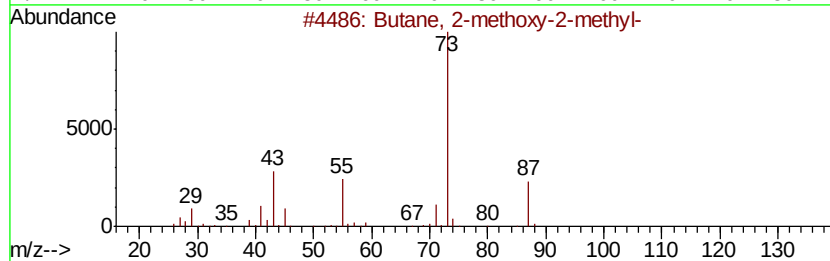
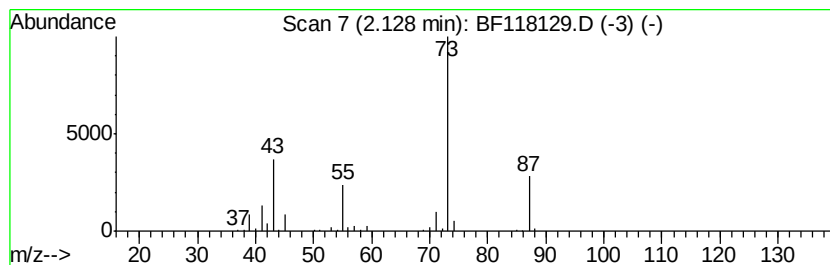
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	8.56 ng	315274	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			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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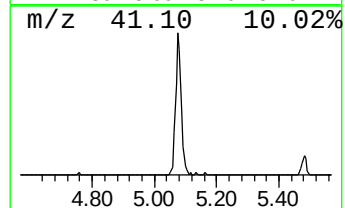
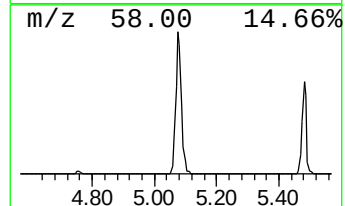
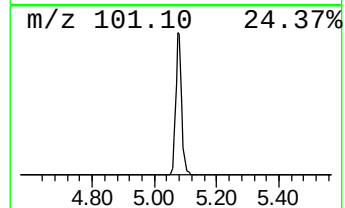
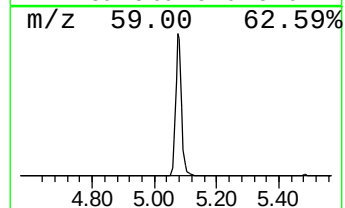
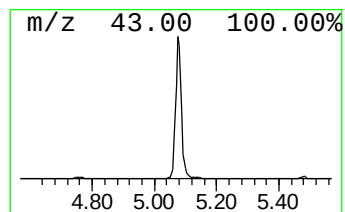
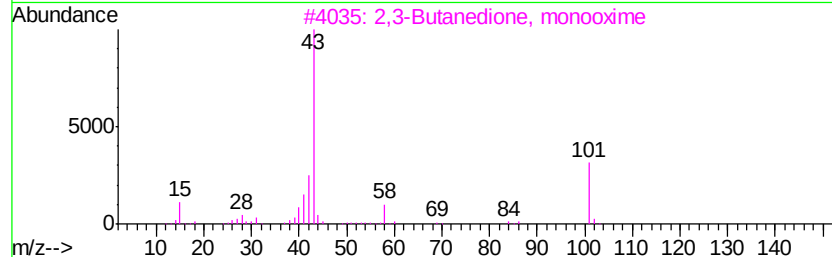
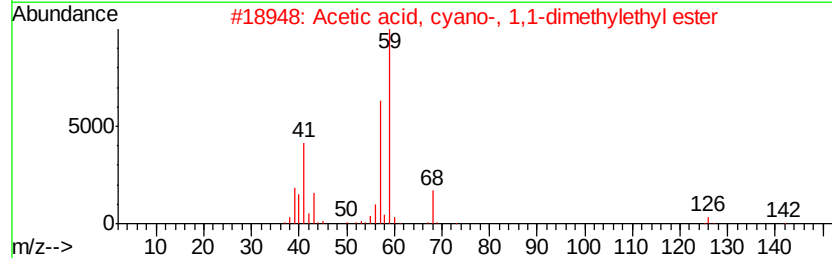
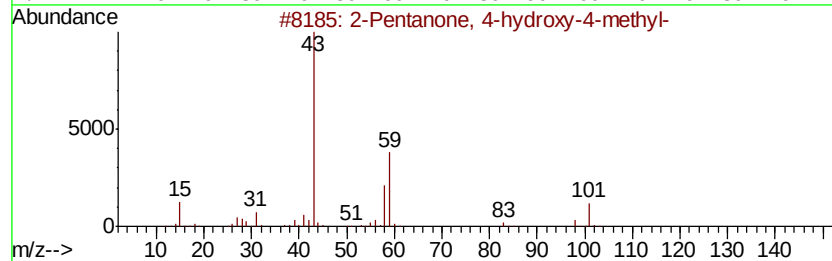
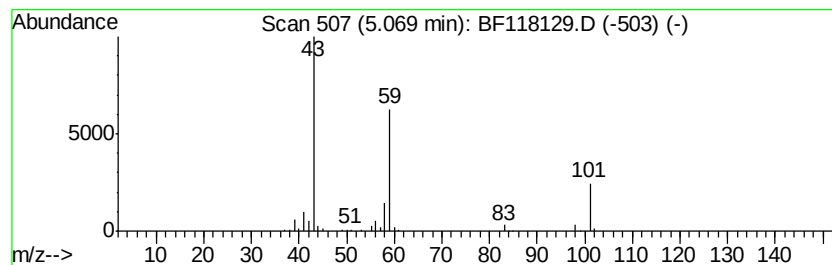
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	14.69 ng	541150	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	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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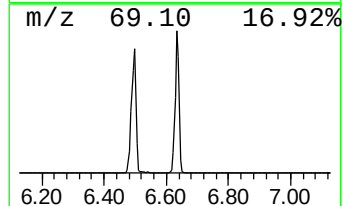
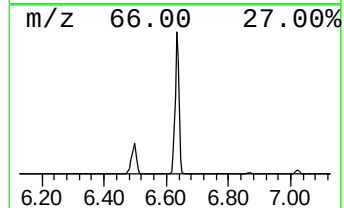
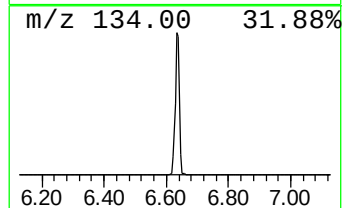
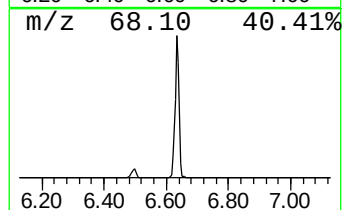
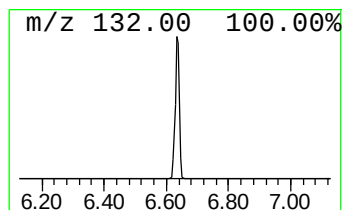
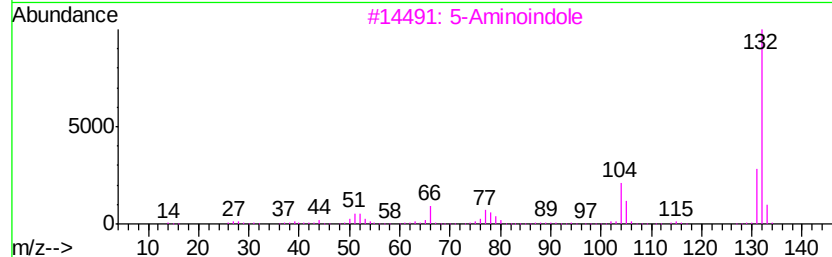
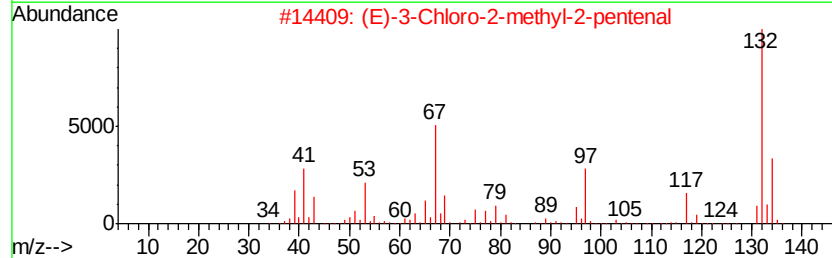
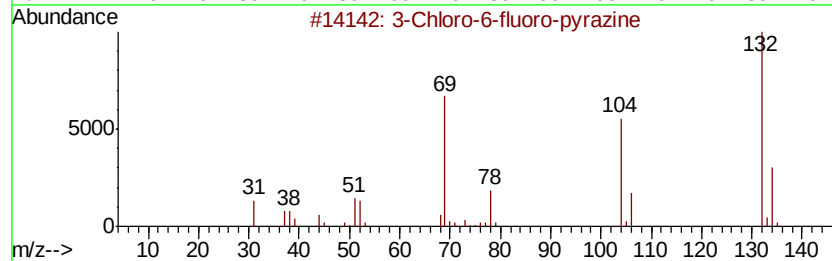
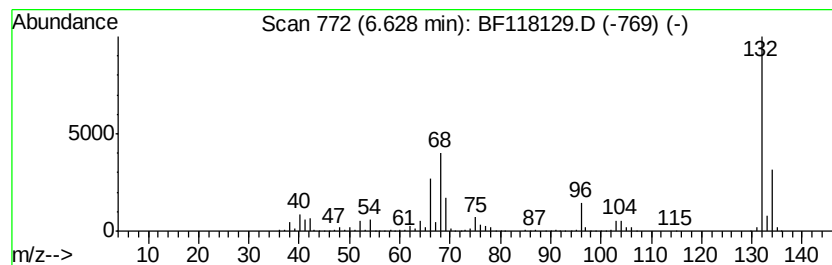
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	84.47 ng	3111700	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	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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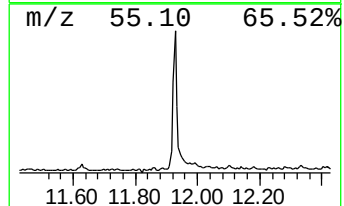
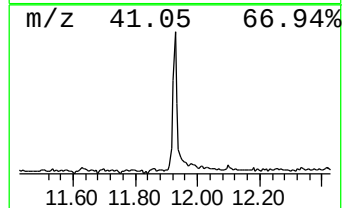
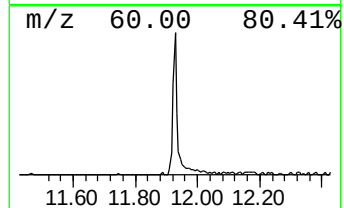
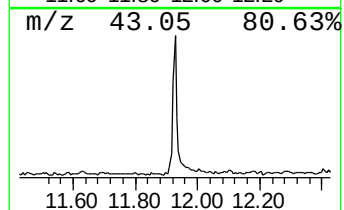
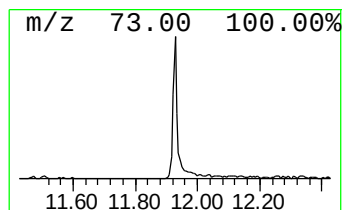
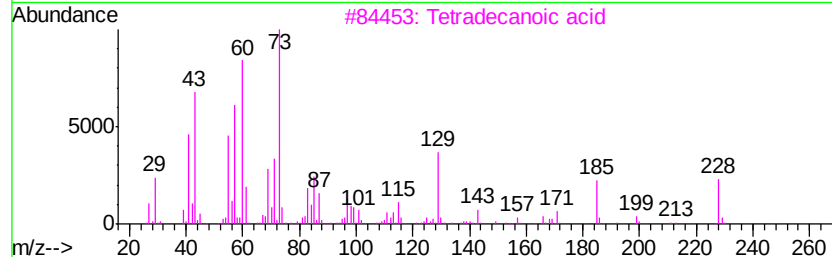
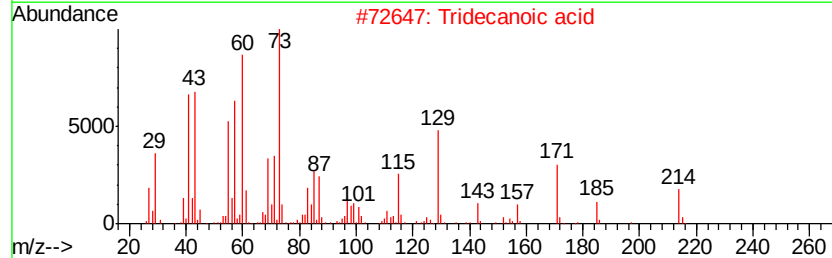
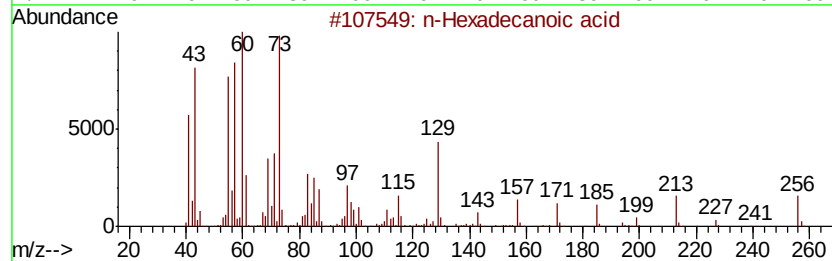
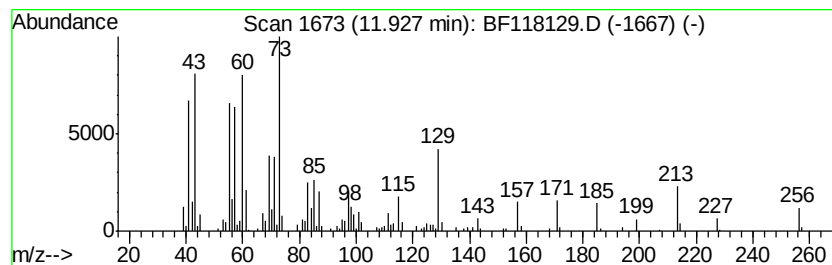
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.93	5.04 ng	328337	Phenanthrene-d10		11.40	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4		Undecanoic acid	186	C11H22O2	000112-37-8	80
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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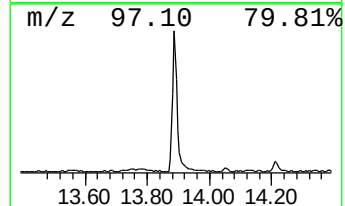
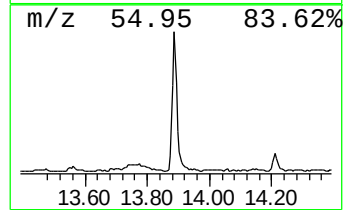
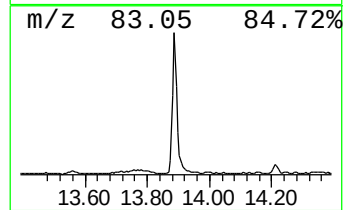
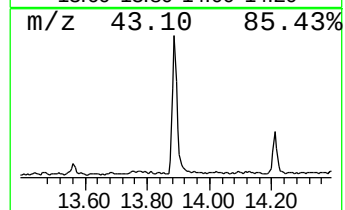
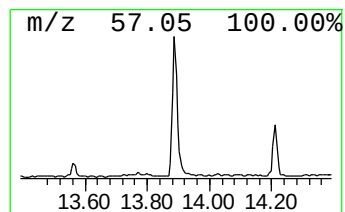
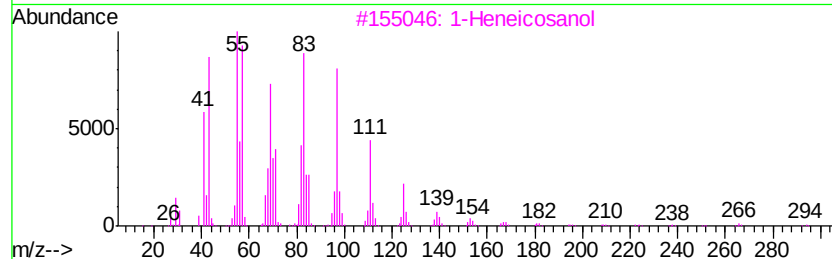
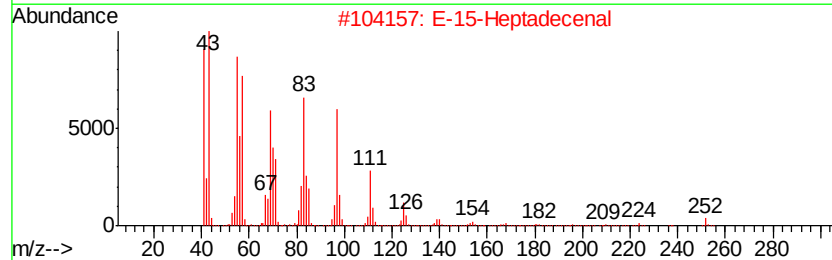
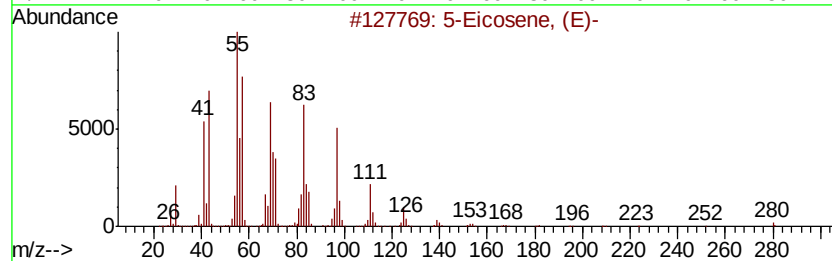
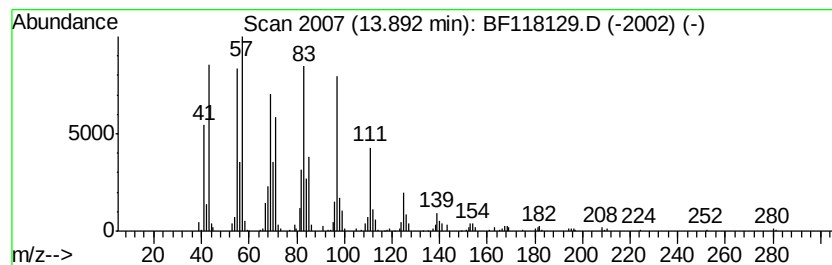
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TIC Library : C:\DATABASE\NIST11.L
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 Peak Number 6 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	13.23 ng	734168	Chrysene-d12	14.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		E-15-Heptadecenal	252	C17H32O	1000130-97-9	97
3		1-Heneicosanol	312	C21H44O	015594-90-8	95
4		Behenic alcohol	326	C22H46O	000661-19-8	95
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	95



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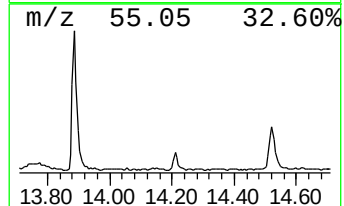
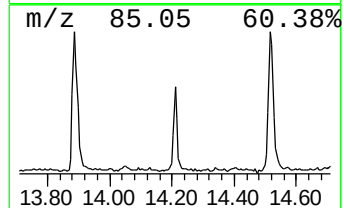
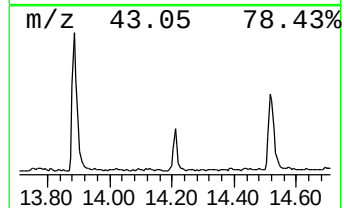
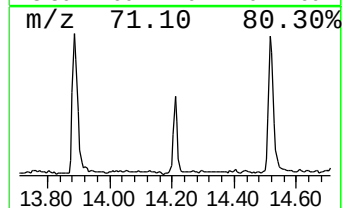
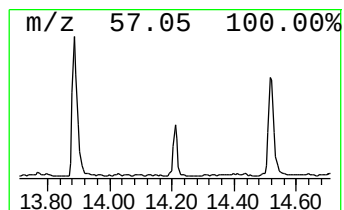
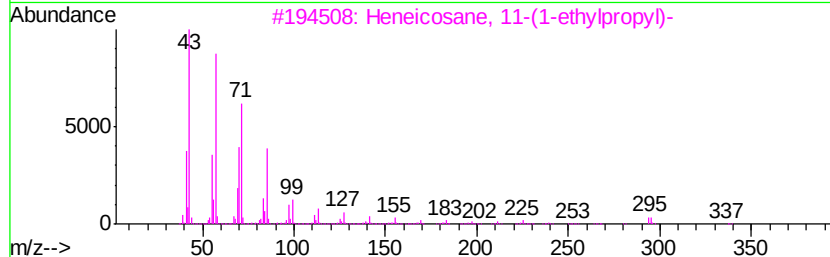
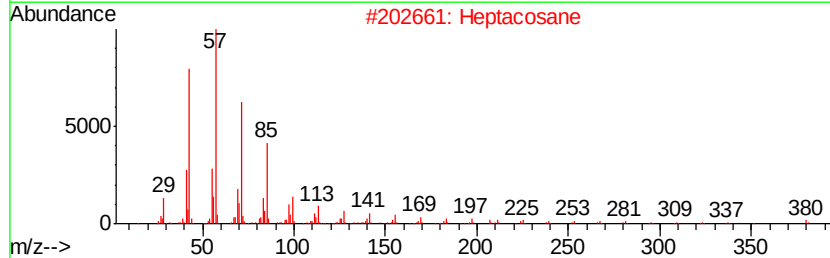
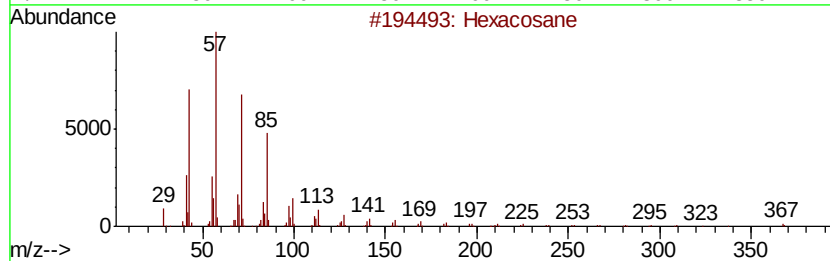
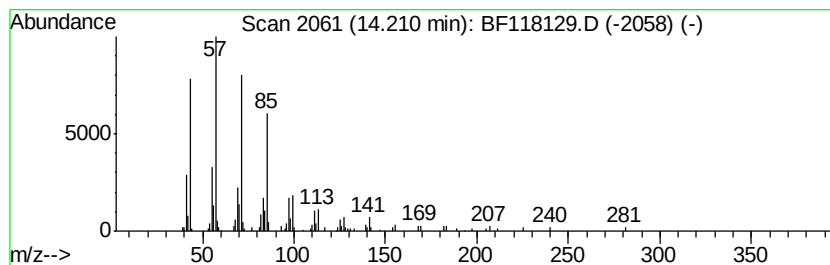
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane, 11-(1-ethylpro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	2.22 ng	123122	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4		Heneicosane	296	C21H44	000629-94-7	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118129.D
Acq On : 7 Dec 2019 15:16
Operator : JU
Sample : K6177-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-3

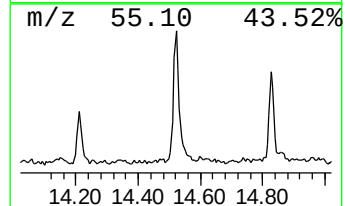
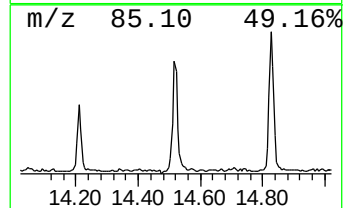
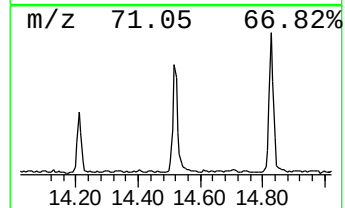
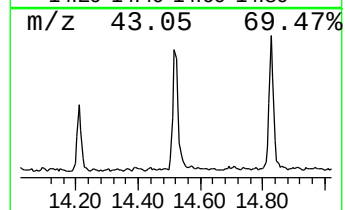
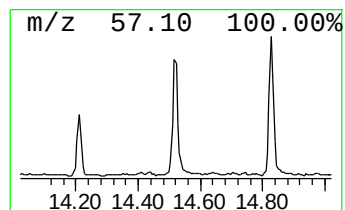
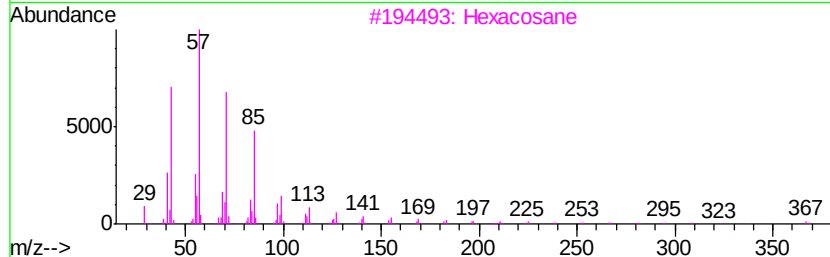
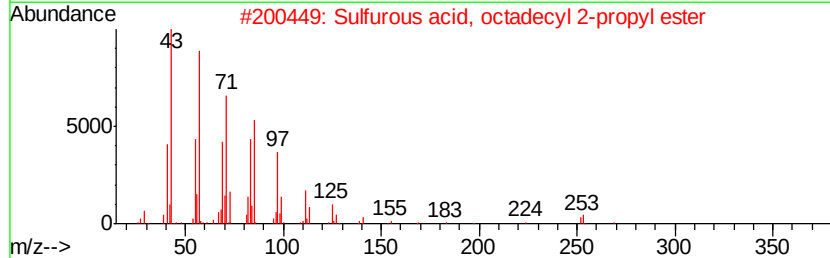
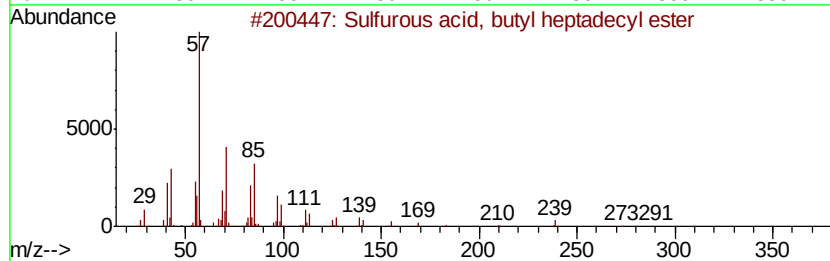
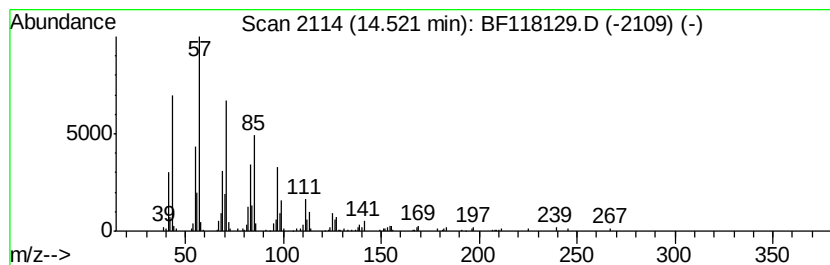
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Sulfurous acid, butyl hepta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	6.66 ng	369577	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91
2		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
3		Hexacosane	366	C26H54	000630-01-3	74
4		Nonadecane	268	C19H40	000629-92-5	68
5		Octadecane	254	C18H38	000593-45-3	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118129.D
Acq On : 7 Dec 2019 15:16
Operator : JU
Sample : K6177-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-3

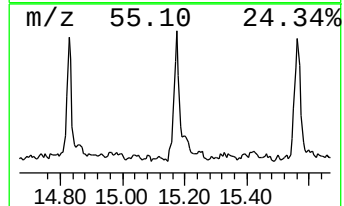
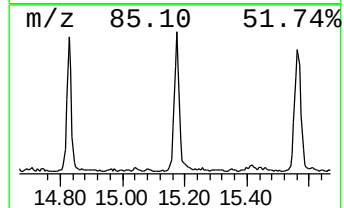
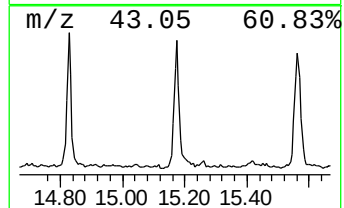
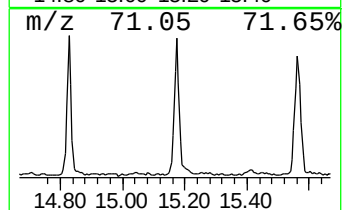
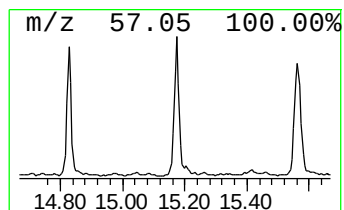
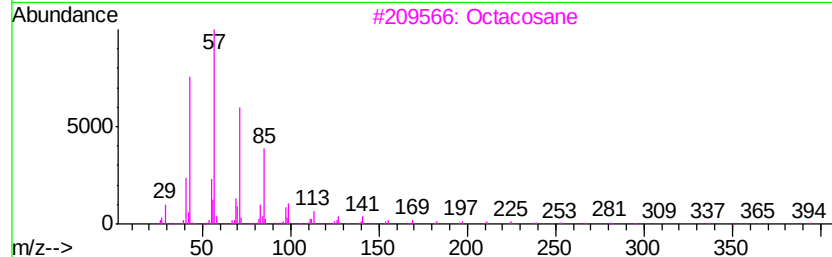
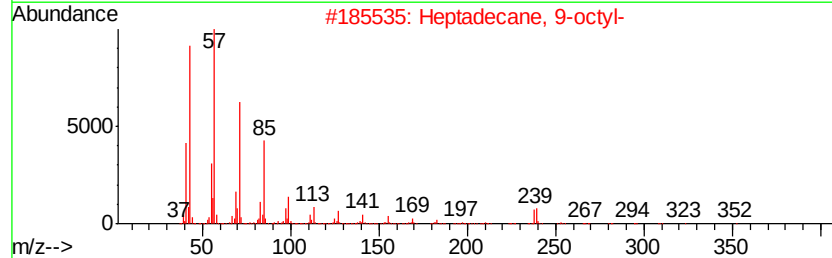
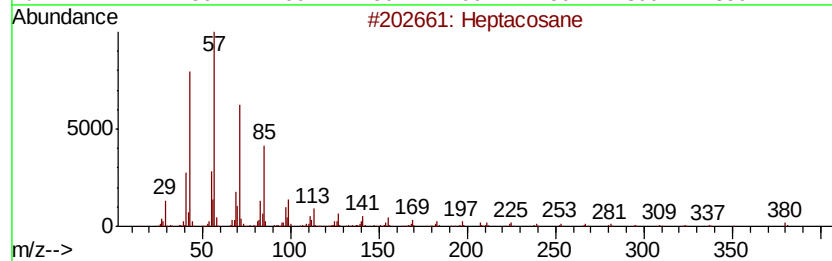
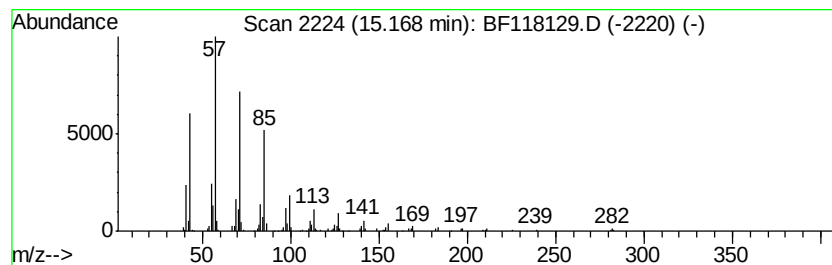
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	4.70 ng	316806	Perylene-d12	15.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91
3	Octacosane		394	C28H58	000630-02-4	91
4	2-methyloctacosane		408	C29H60	1000376-72-8	91
5	Tetratetracontane		619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118129.D
Acq On : 7 Dec 2019 15:16
Operator : JU
Sample : K6177-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-3

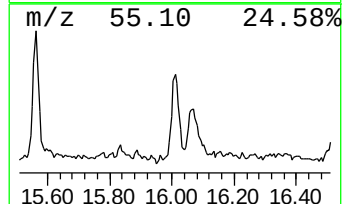
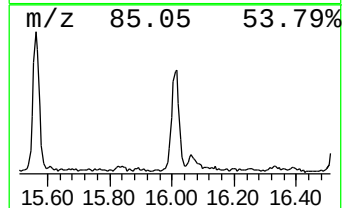
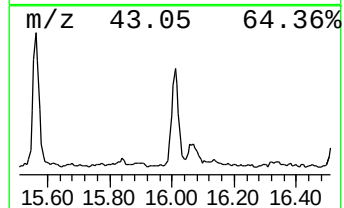
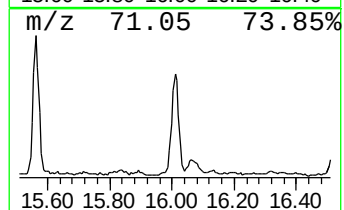
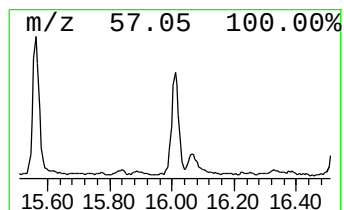
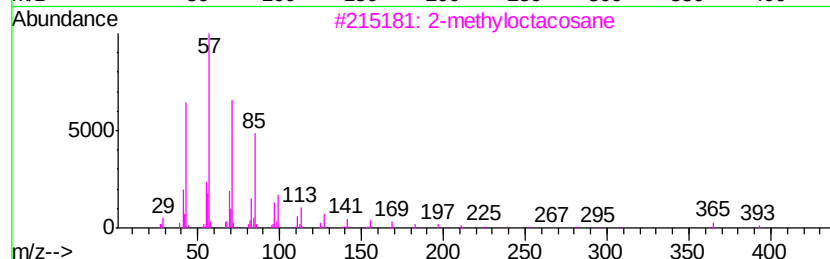
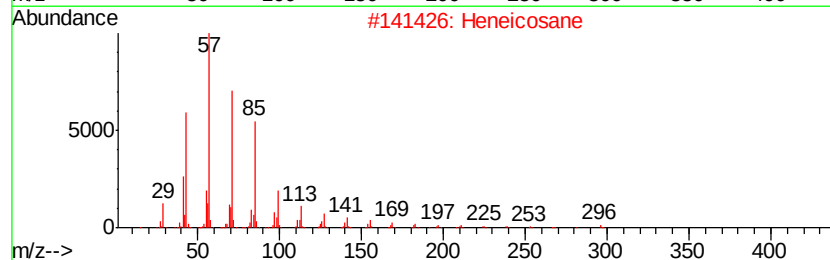
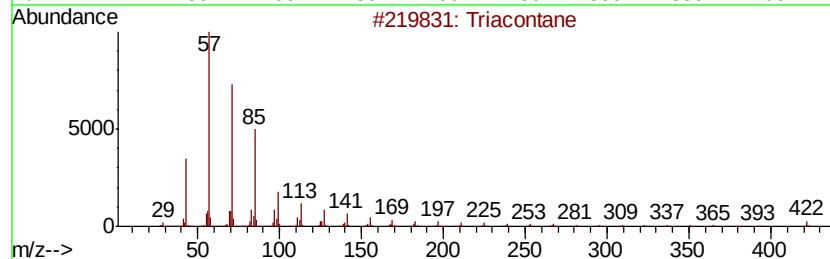
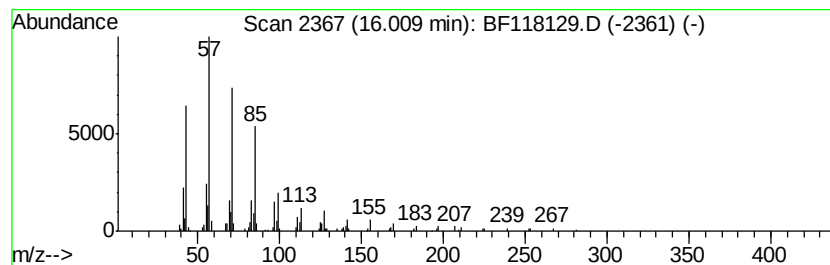
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Triacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	4.31 ng	290442	Perylene-d12	15.54

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		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5		Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
Data File : BF118129.D
Acq On : 7 Dec 2019 15:16
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Sample : K6177-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

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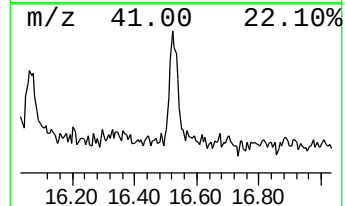
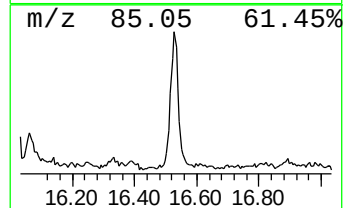
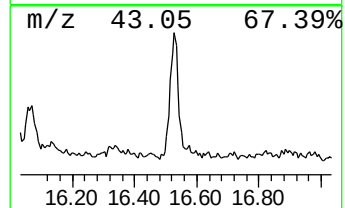
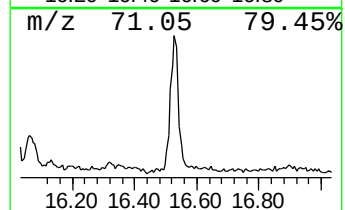
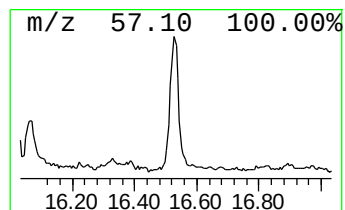
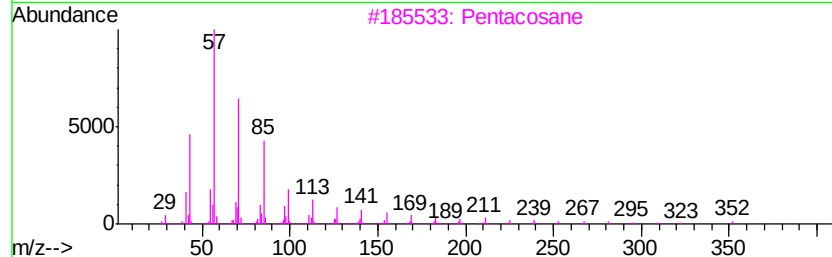
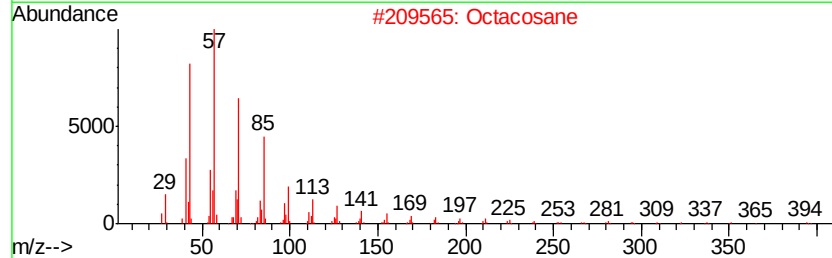
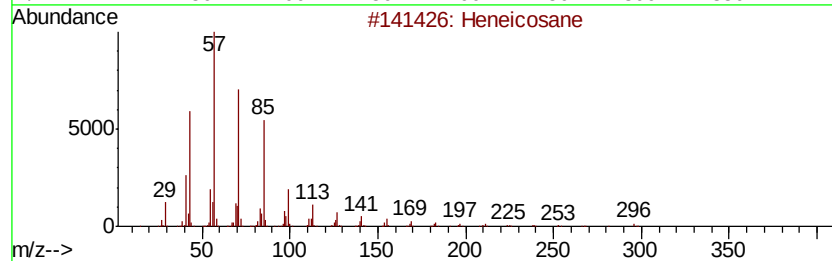
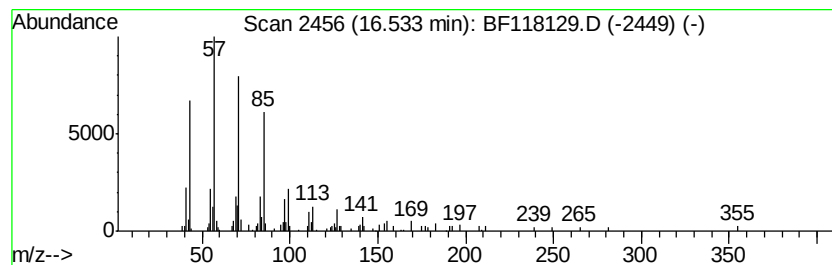
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	3.29 ng	221462	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Pentacosane	352	C25H52	000629-99-2	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120719\
Data File : BF118129.D
Acq On : 7 Dec 2019 15:16
Operator : JU
Sample : K6177-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.13	8.6	ng	315274	1	6.86	736753	20.0
2-Pentanone, 4-hy...	5.07	14.7	ng	541150	1	6.86	736753	20.0
unknown6.63	6.63	84.5	ng	3111700	1	6.86	736753	20.0
n-Hexadecanoic acid	11.93	5.0	ng	328337	4	11.40	1302380	20.0
5-Eicosene, (E)-	13.89	13.2	ng	734168	5	14.06	1109860	20.0
Heneicosane, 11-(...	14.21	2.2	ng	123122	5	14.06	1109860	20.0
Sulfurous acid, b...	14.52	6.7	ng	369577	5	14.06	1109860	20.0
Heptacosane	15.17	4.7	ng	316806	6	15.54	1347880	20.0
triacontane	16.01	4.3	ng	290442	6	15.54	1347880	20.0
Heneicosane	16.53	3.3	ng	221462	6	15.54	1347880	20.0