

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
 Data File : BF103498.D
 Acq On : 7 Mar 2018 14:02
 Operator : SJ/JU
 Sample : J1699-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B7

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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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	2.146	5	10	19	rVB	238683	335369	10.11%	1.138%
2	5.104	509	513	524	rBV	58069	92047	2.78%	0.312%
3	5.492	575	579	606	rBV	2330629	3159589	95.28%	10.725%
4	6.504	747	751	770	rBV	2311777	3223317	97.21%	10.941%
5	6.634	770	773	784	rVV	2577010	2919572	88.05%	9.910%
6	6.863	809	812	828	rVB	891888	964397	29.08%	3.274%
7	7.016	834	838	865	rBV	2195267	2415686	72.85%	8.200%
8	7.433	905	909	926	rBV	1643769	2091232	63.06%	7.098%
9	8.145	1027	1030	1050	rBV	943453	1320663	39.83%	4.483%
10	9.027	1176	1180	1182	rBV	34461	40950	1.23%	0.139%
11	9.086	1186	1190	1199	rVB	173687	186572	5.63%	0.633%
12	9.222	1206	1213	1228	rBV	3051575	3315999	100.00%	11.256%
13	9.327	1228	1231	1237	rVV	55969	65692	1.98%	0.223%
14	9.392	1239	1242	1255	rVB2	48890	101354	3.06%	0.344%
15	9.698	1291	1294	1301	rBV3	24116	34474	1.04%	0.117%
16	9.904	1325	1329	1341	rBV	1287449	1330920	40.14%	4.518%
17	10.292	1392	1395	1397	rBV	70304	54719	1.65%	0.186%
18	10.316	1397	1399	1403	rVB	67633	52605	1.59%	0.179%
19	10.704	1461	1465	1478	rBV	1306232	1599191	48.23%	5.428%
20	10.792	1478	1480	1486	rVB2	42444	49517	1.49%	0.168%
21	11.239	1554	1556	1560	rBV2	28222	33427	1.01%	0.113%
22	11.333	1569	1572	1576	rBV4	36602	40134	1.21%	0.136%
23	11.404	1580	1584	1588	rBV	944954	1042156	31.43%	3.538%
24	11.545	1605	1608	1612	rBV	174494	157847	4.76%	0.536%
25	11.945	1672	1676	1681	rVB	750761	654869	19.75%	2.223%
26	12.074	1696	1698	1701	rBV	40198	33557	1.01%	0.114%
27	12.463	1761	1764	1770	rBV3	69832	101104	3.05%	0.343%
28	12.786	1816	1819	1822	rBV	131261	103855	3.13%	0.353%
29	12.839	1825	1828	1830	rBV	98264	84787	2.56%	0.288%
30	12.986	1848	1853	1860	rBV	1970592	1947096	58.72%	6.609%
31	13.192	1883	1888	1891	rBV	109475	111185	3.35%	0.377%
32	13.492	1936	1939	1943	rVB	91690	78182	2.36%	0.265%
33	13.533	1943	1946	1949	rBV	103326	96532	2.91%	0.328%
34	13.868	1999	2003	2008	rBV	151552	178534	5.38%	0.606%

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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	14.004	2023	2026	2031	rVB	44725	40242	1.21%	0.137%
36	14.057	2031	2035	2045	rBV	670716	718971	21.68%	2.440%
37	14.186	2053	2057	2062	rBV2	46962	46898	1.41%	0.159%
38	14.492	2106	2109	2116	rBV3	34311	47338	1.43%	0.161%
39	15.562	2287	2291	2299	rVB	397481	589627	17.78%	2.001%

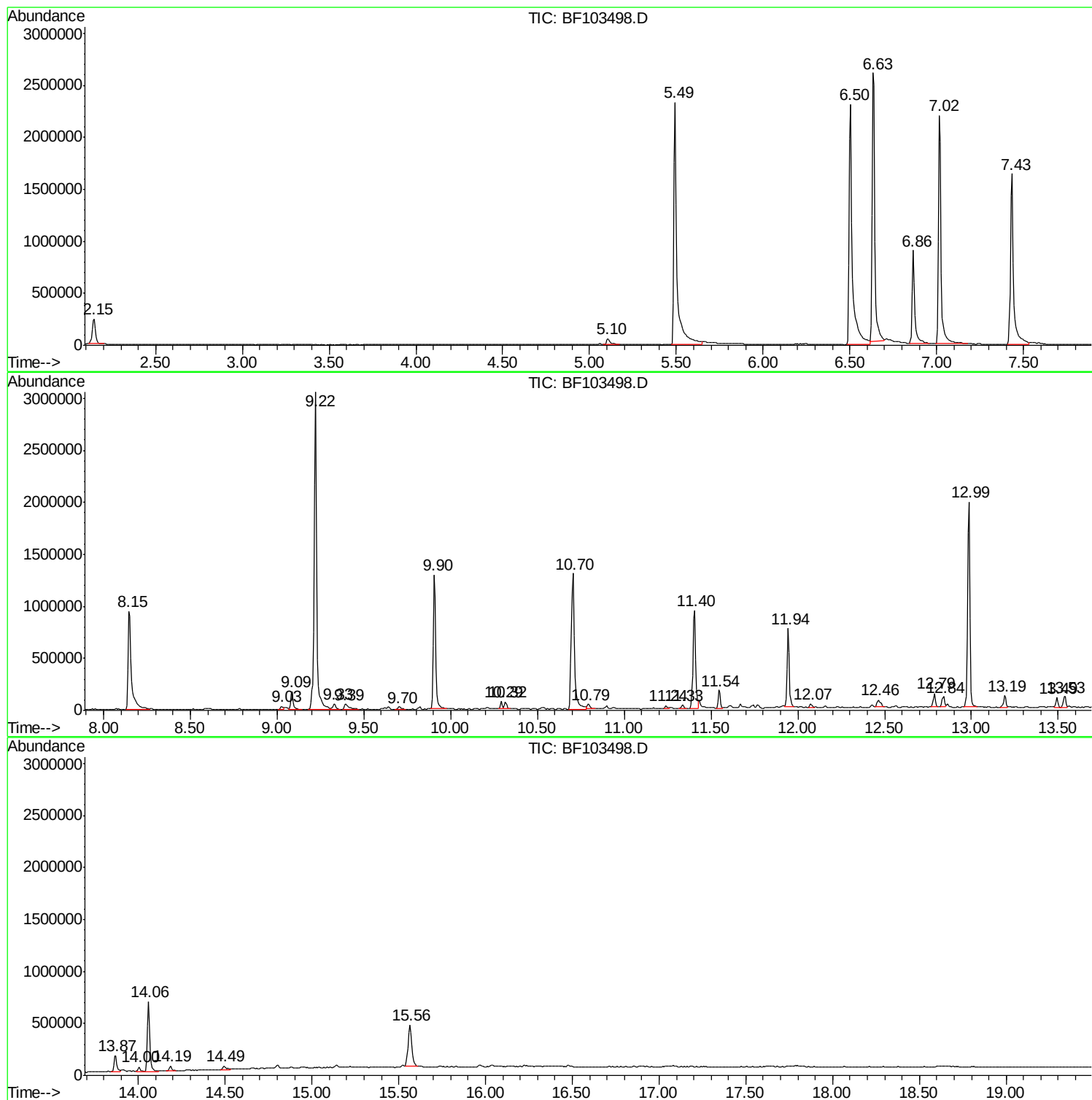
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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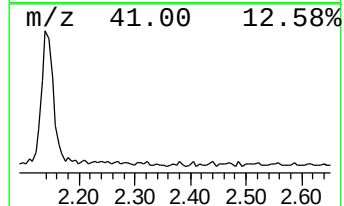
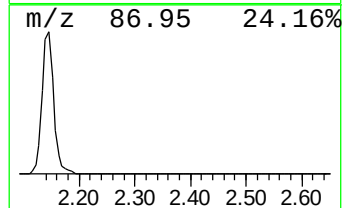
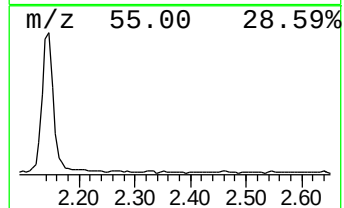
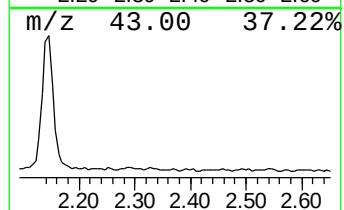
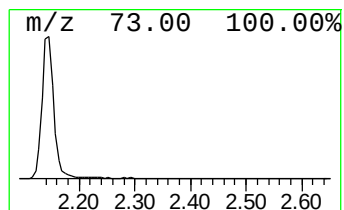
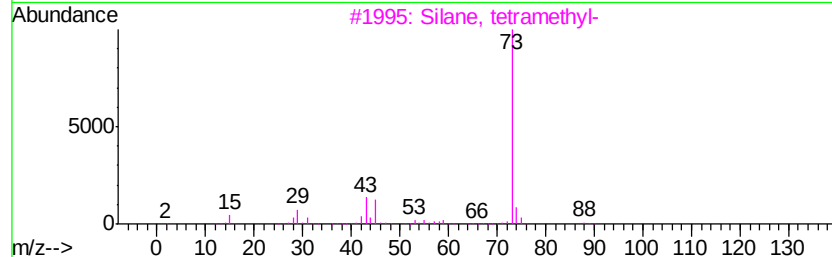
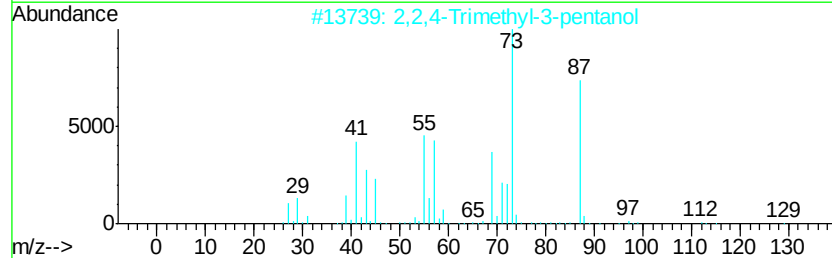
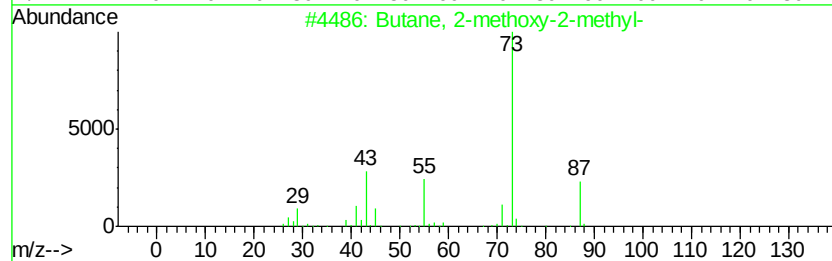
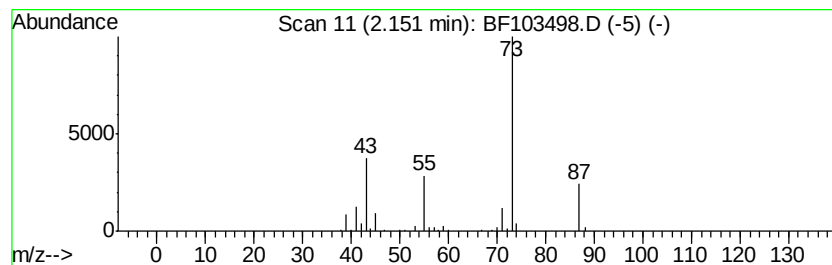
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	6.96 ng	335369	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	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
4			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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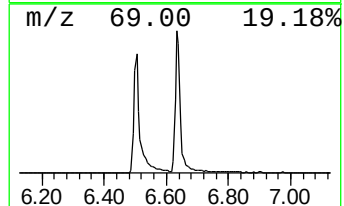
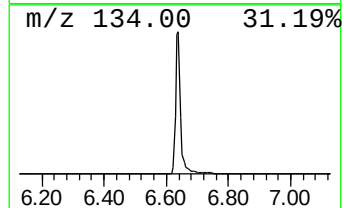
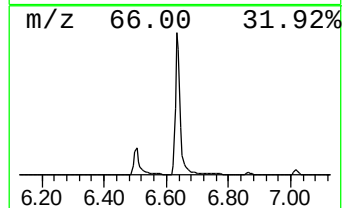
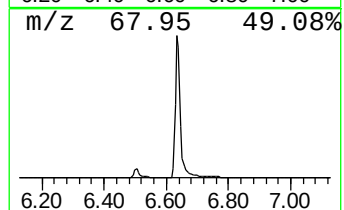
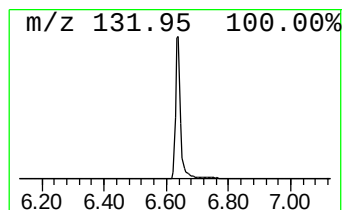
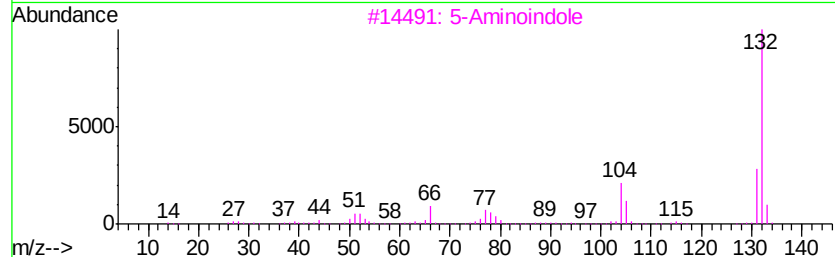
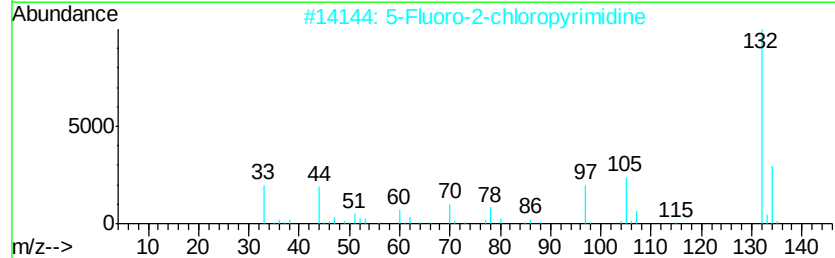
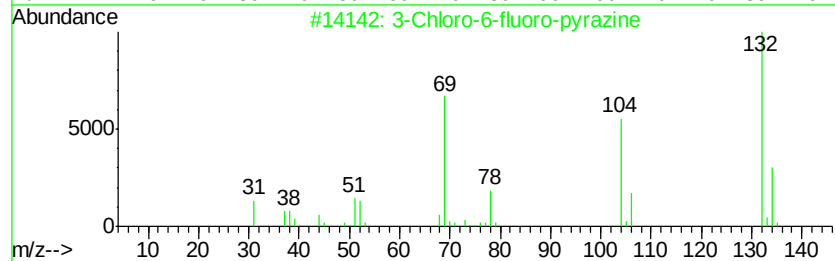
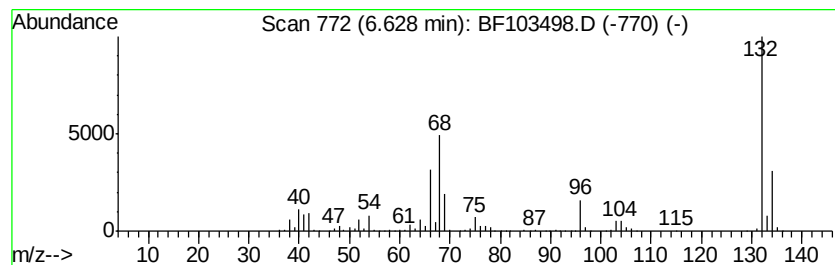
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	60.55 ng	2919570	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	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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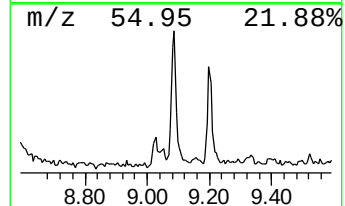
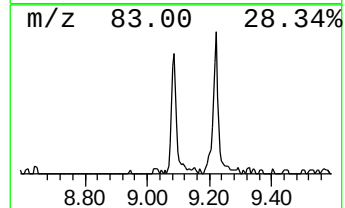
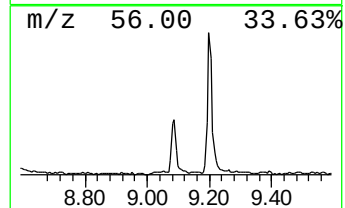
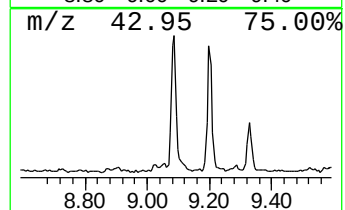
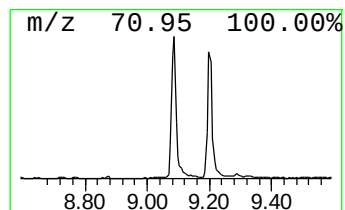
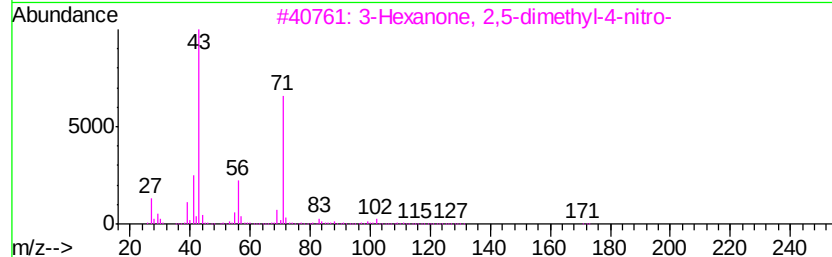
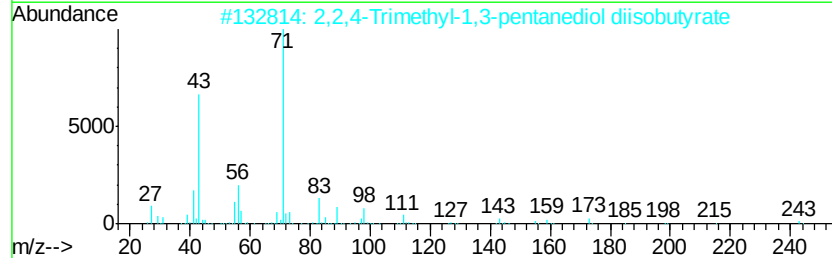
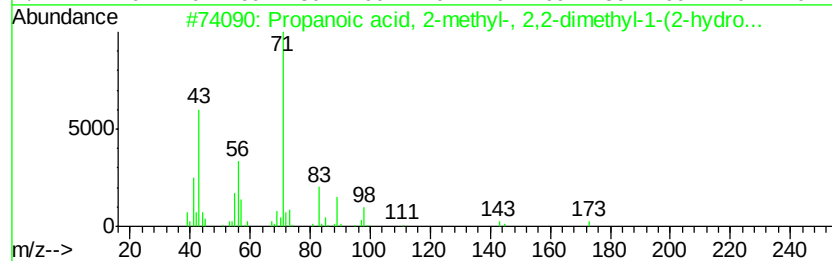
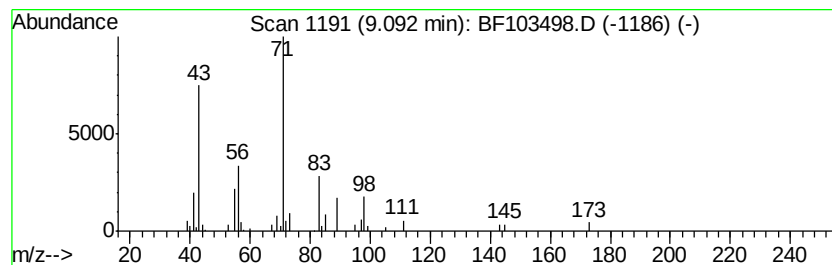
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Propanoic acid, 2-methyl-, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.09	2.80 ng	186572	Acenaphthene-d10	9.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	83
2	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	64
3	3-Hexanone, 2,5-dimethyl-4-nitro-	173	C8H15NO3	059906-54-6	43
4	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	43
5	Cyclohexanecarboxylic acid, 2-te...	212	C12H20O3	1000279-85-7	40



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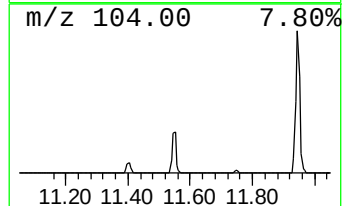
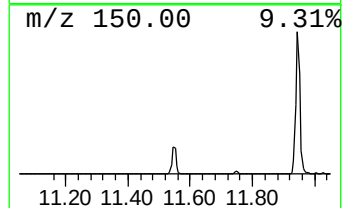
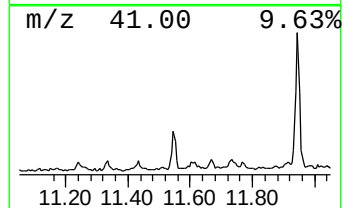
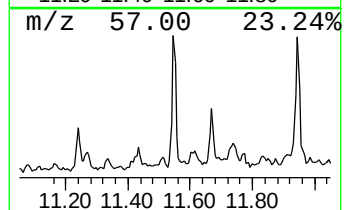
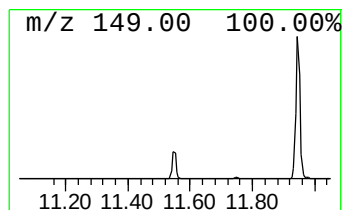
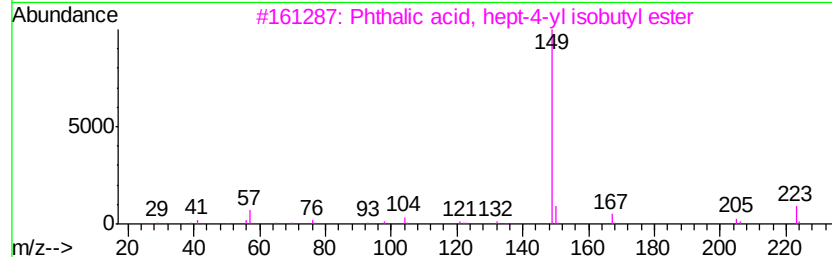
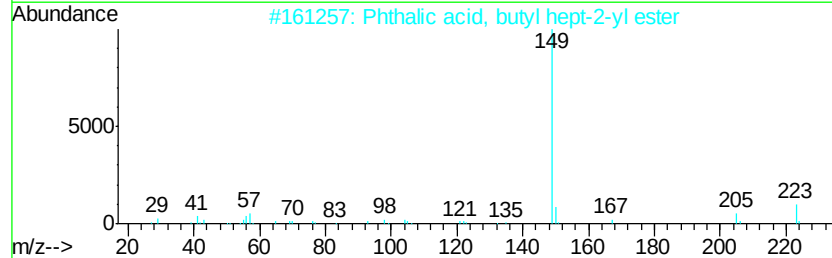
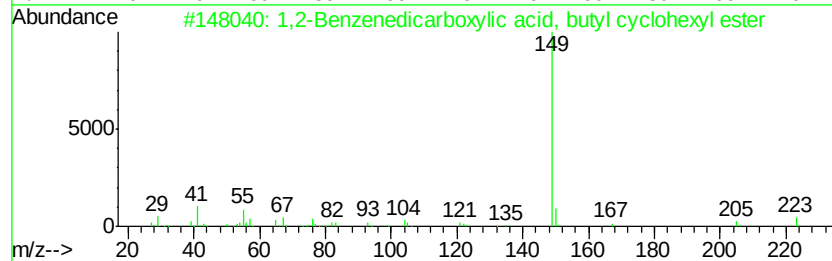
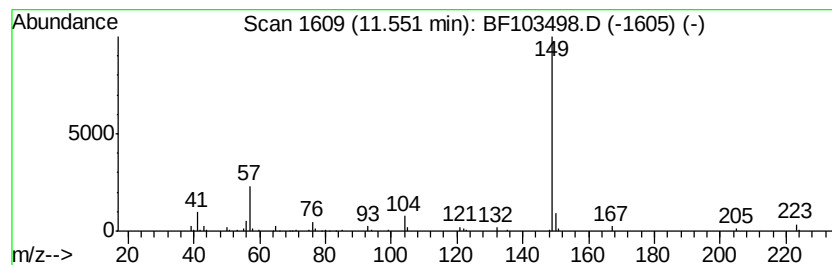
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1,2-Benzenedicarboxylic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.55	3.03 ng	157847	Phenanthrene-d10	11.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	86
2	Phthalic acid, butyl hept-2-yl e...	320	C19H28O4	1000356-97-1	83
3	Phthalic acid, hept-4-yl isobuty...	320	C19H28O4	1000356-78-3	83
4	Phthalic acid, isobutyl 6-methyl...	334	C20H30O4	1000377-95-7	78
5	Phthalic acid, 5-methylhex-2-yl ...	320	C19H28O4	1000371-09-1	78



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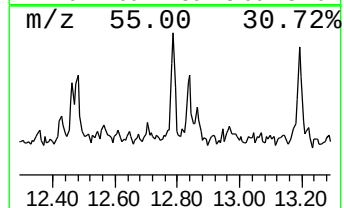
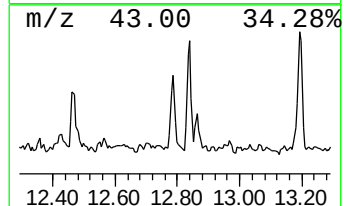
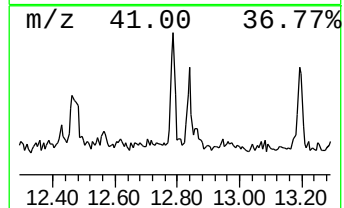
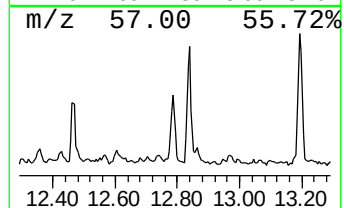
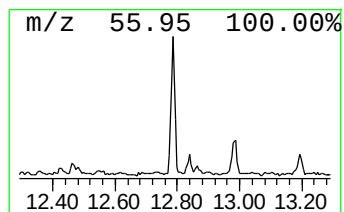
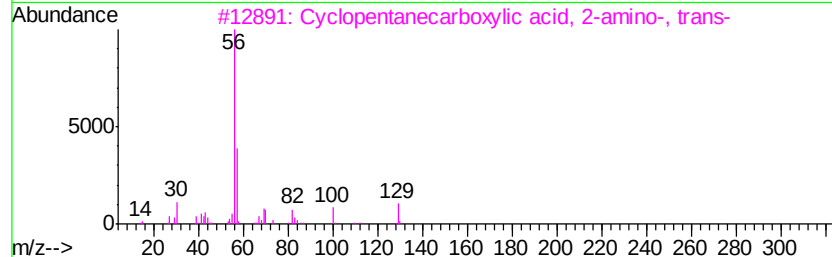
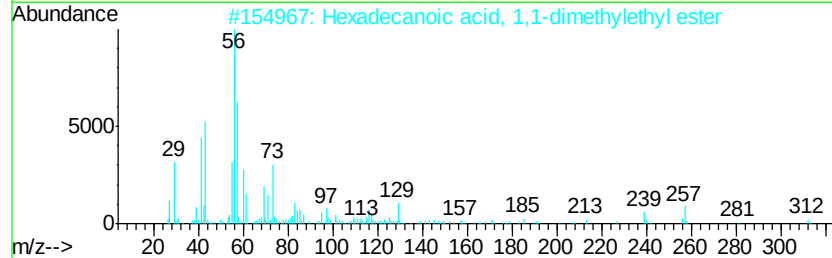
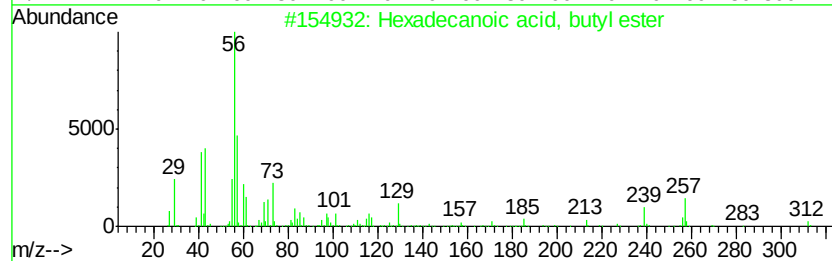
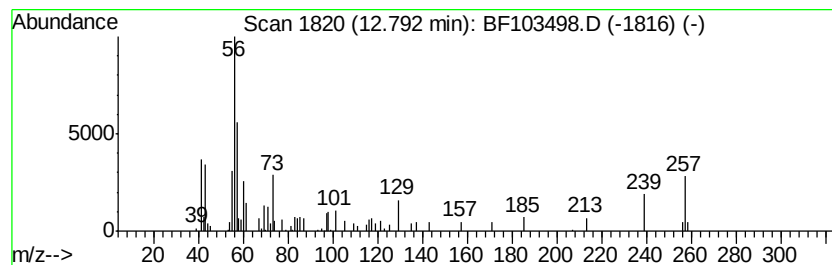
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	2.89 ng	103855	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	87
3		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43
4		Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	43
5		Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
Data File : BF103498.D
Acq On : 7 Mar 2018 14:02
Operator : SJ/JU
Sample : J1699-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B7

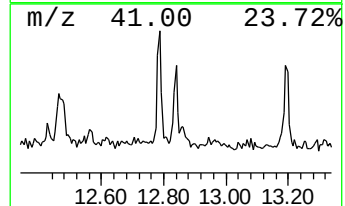
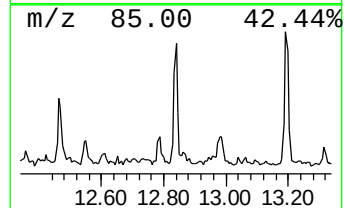
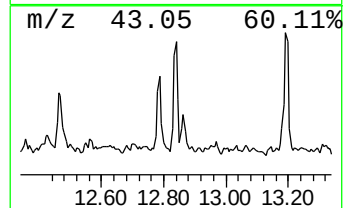
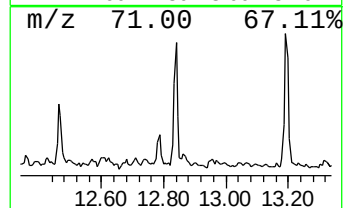
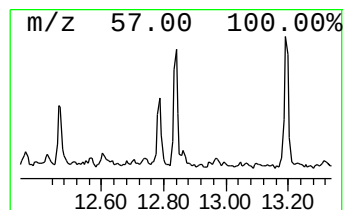
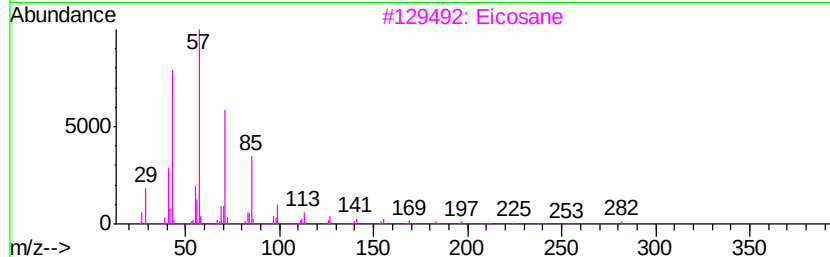
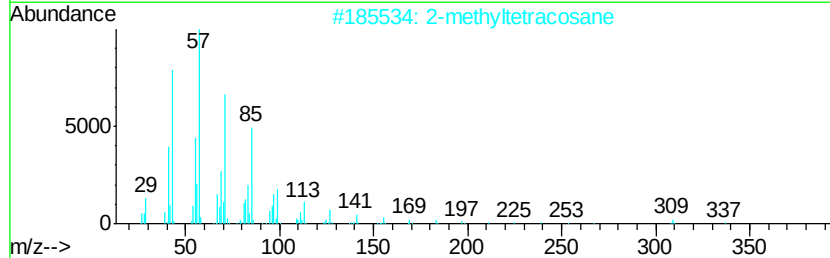
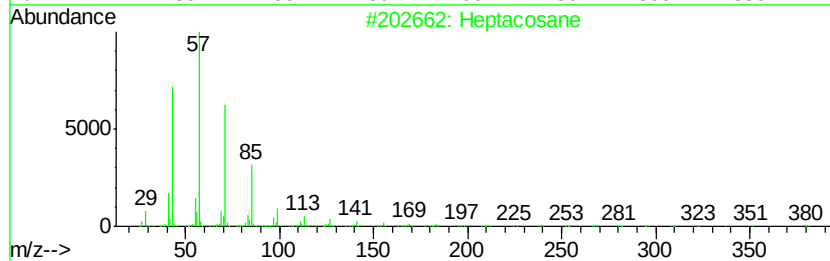
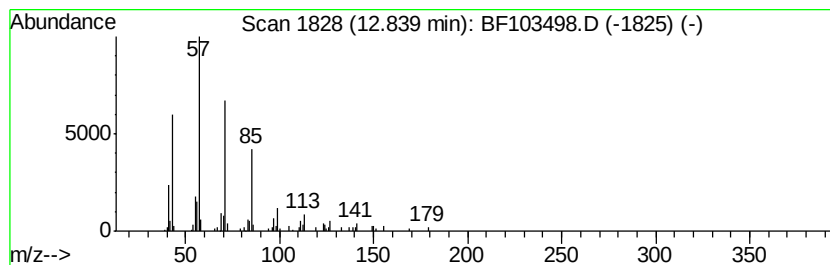
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	2.36 ng	84787	Chrysene-d12	14.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	2-methyltetracosane		352	C25H52	1000376-72-6	86
3	Eicosane		282	C20H42	000112-95-8	86
4	Octadecane		254	C18H38	000593-45-3	86
5	Undecane, 3,8-dimethyl-		184	C13H28	017301-30-3	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030718\
Data File : BF103498.D
Acq On : 7 Mar 2018 14:02
Operator : SJ/JU
Sample : J1699-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

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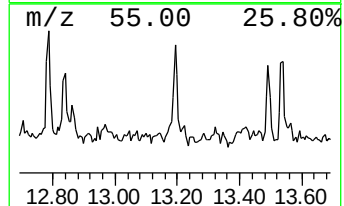
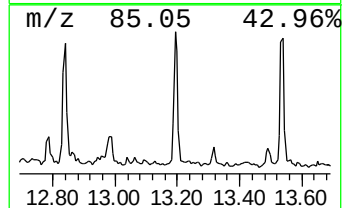
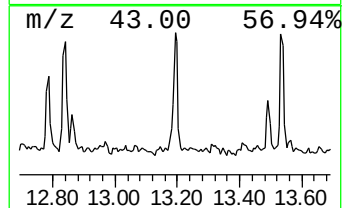
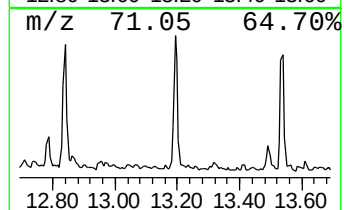
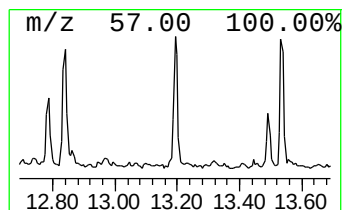
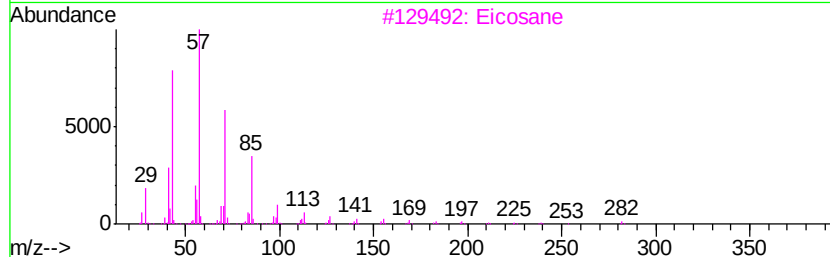
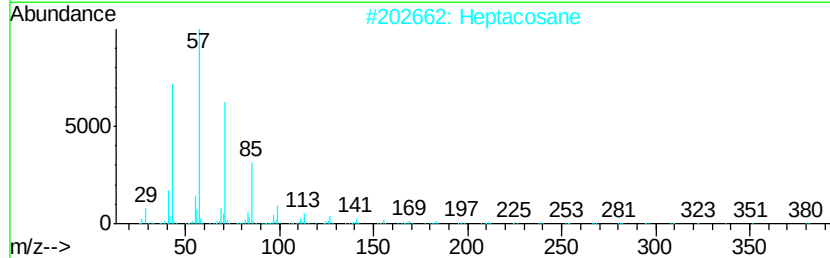
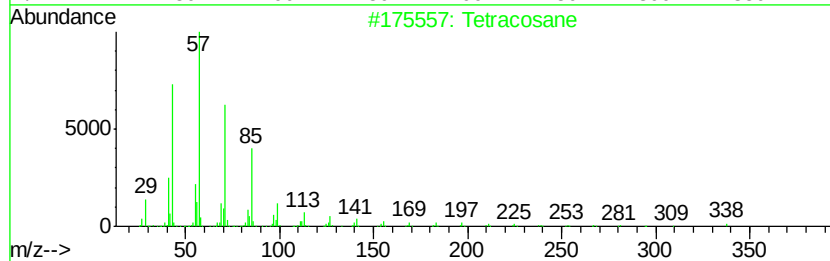
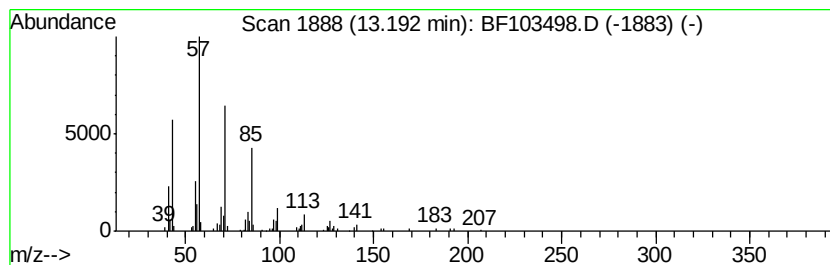
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	3.09 ng	111185	Chrysene-d12	14.06

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Eicosane	282	C20H42	000112-95-8	90
4		Pentacosane	352	C25H52	000629-99-2	90
5		Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103498.D
Acq On : 7 Mar 2018 14:02
Operator : SJ/JU
Sample : J1699-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

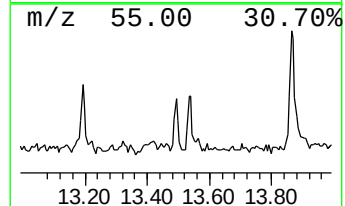
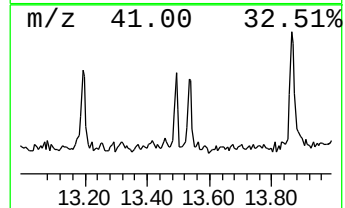
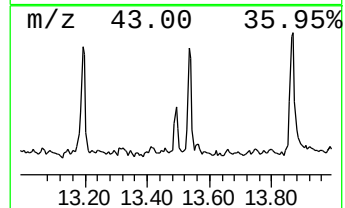
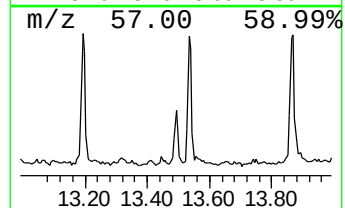
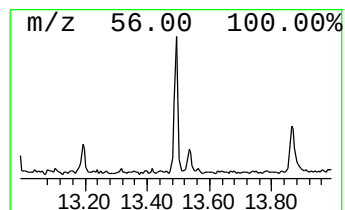
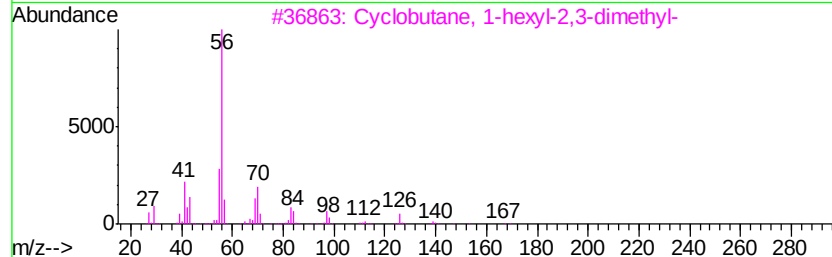
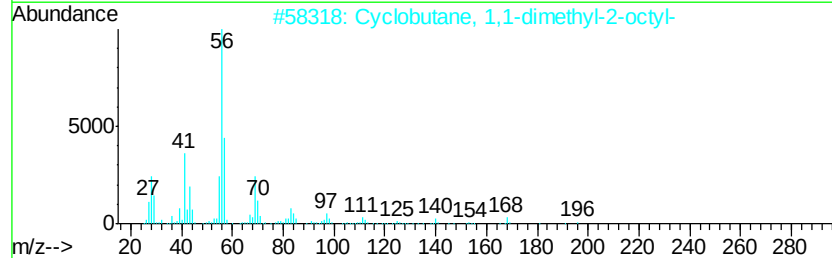
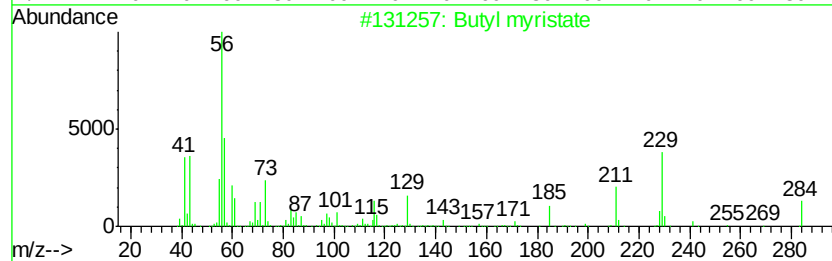
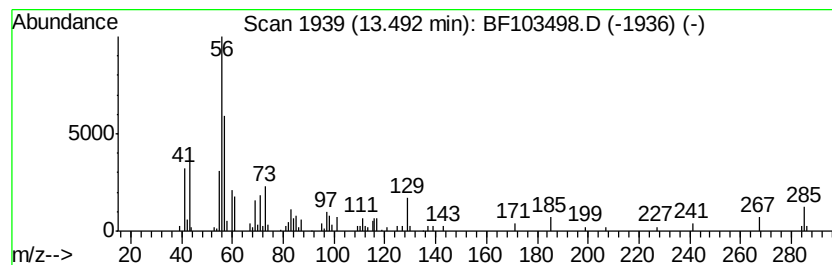
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Butyl myristate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	2.17 ng	78182	Chrysene-d12	14.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Butyl myristate	284 C18H36O2	000110-36-1 80
2		Cyclobutane, 1,1-dimethyl-2-octyl-	196 C14H28	062338-30-1 38
3		Cyclobutane, 1-hexyl-2,3-dimethyl-	168 C12H24	055170-84-8 38
4		Urea, N,N'-di-2-propenyl-	140 C7H12N2O	001801-72-5 38
5		7-Methyl-octadecan-7-ol	284 C19H40O	1000194-50-8 37



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103498.D
Acq On : 7 Mar 2018 14:02
Operator : SJ/JU
Sample : J1699-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B7

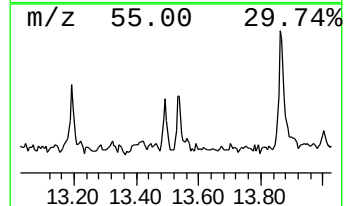
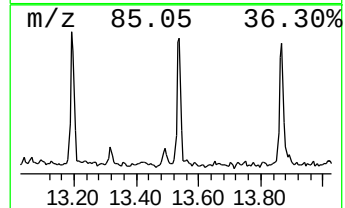
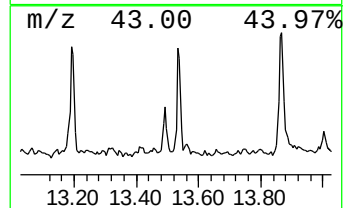
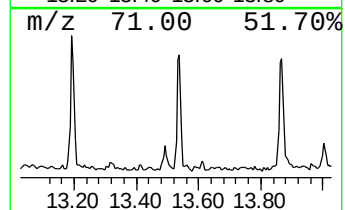
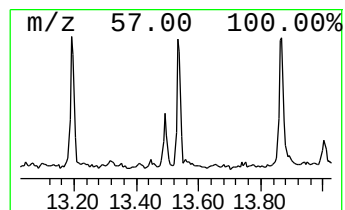
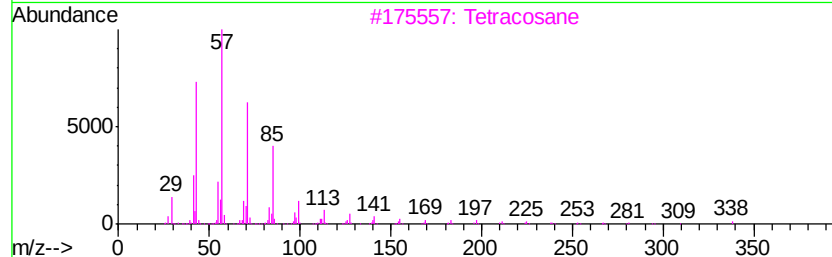
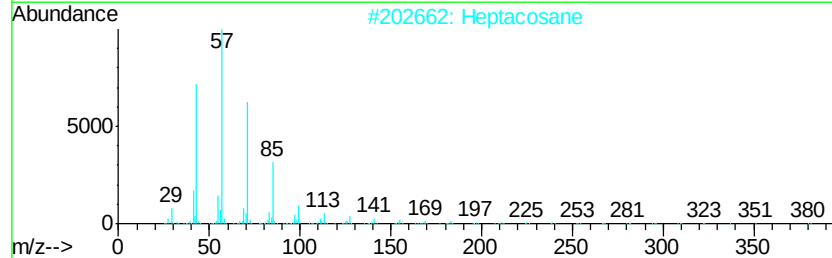
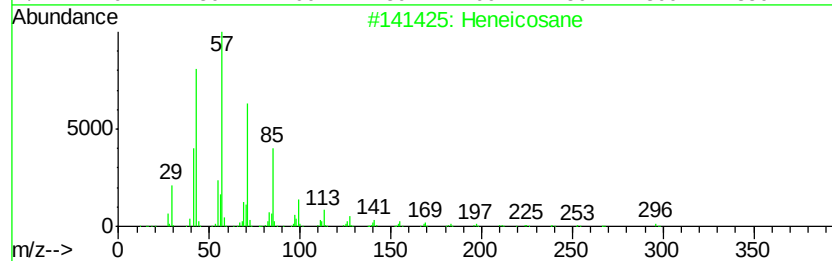
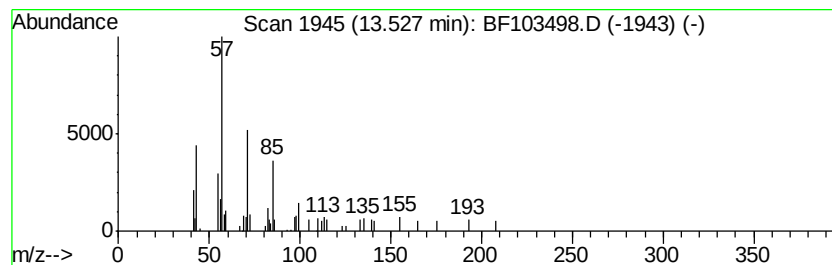
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	2.69 ng	96532	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Pentadecane	212	C15H32	000629-62-9	91
5		Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
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Acq On : 7 Mar 2018 14:02
Operator : SJ/JU
Sample : J1699-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

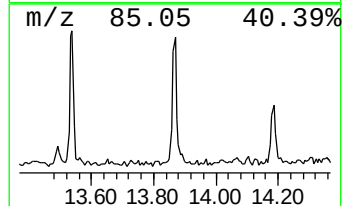
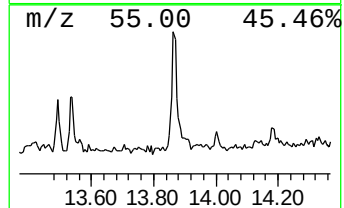
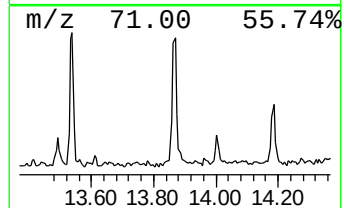
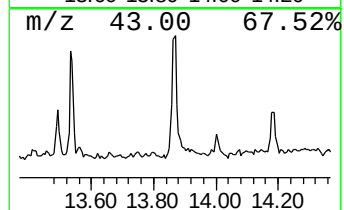
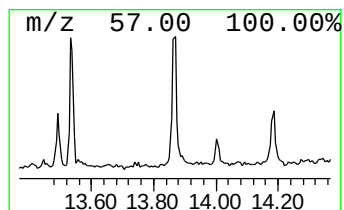
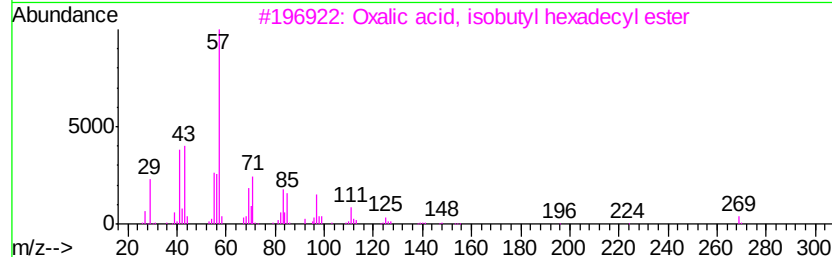
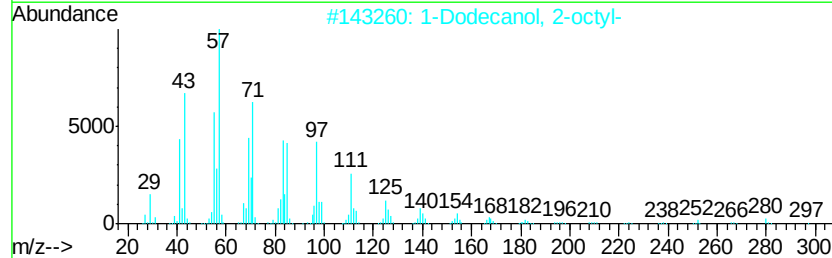
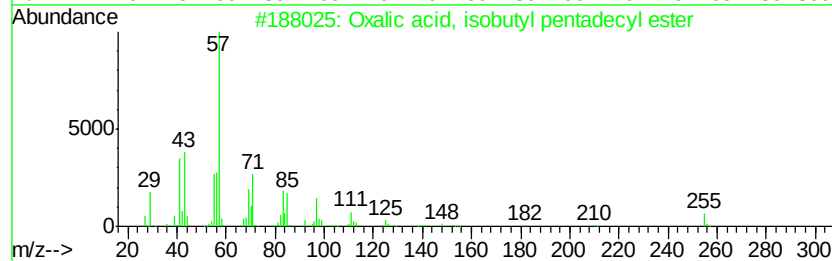
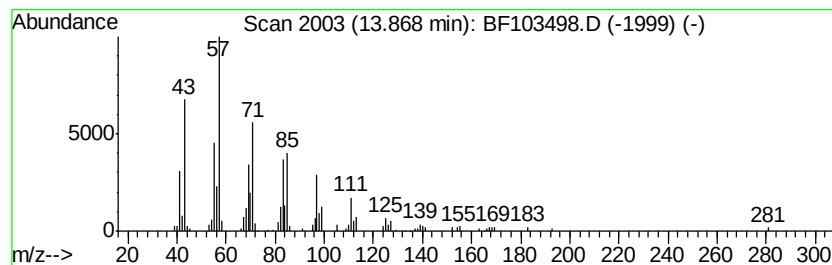
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Oxalic acid, isobutyl penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.87	4.97 ng	178534	Chrysene-d12	14.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	87	
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	87	
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87	
4	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83	
5	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	80	



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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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...	2.15	7.0 ng		335369	1	6.86	964397	20.0
unknown6.63	6.63	60.5 ng		2919570	1	6.86	964397	20.0
Propanoic acid, 2...	9.09	2.8 ng		186572	3	9.90	1330920	20.0
1,2-Benzenedicarb...	11.55	3.0 ng		157847	4	11.40	1042160	20.0
Hexadecanoic acid...	12.79	2.9 ng		103855	5	14.06	718971	20.0
Heptacosane	12.84	2.4 ng		84787	5	14.06	718971	20.0
Tetracosane	13.19	3.1 ng		111185	5	14.06	718971	20.0
Butyl myristate	13.49	2.2 ng		78182	5	14.06	718971	20.0
Heneicosane	13.53	2.7 ng		96532	5	14.06	718971	20.0
Oxalic acid, isob...	13.87	5.0 ng		178534	5	14.06	718971	20.0