

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
 Data File : BF115902.D
 Acq On : 1 Aug 2019 12:46
 Operator : HP/JU
 Sample : K4021-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-A

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-BF073019.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	2.140	3	9	26	rVB	804418	1075410	31.60%	3.294%
2	5.481	573	577	580	rBV	2950386	2784614	81.82%	8.529%
3	6.487	743	748	767	rBV	2681246	3109192	91.36%	9.524%
4	6.628	767	772	775	rBV	3290713	3059970	89.91%	9.373%
5	6.851	807	810	817	rBV	1063108	910878	26.76%	2.790%
6	7.010	833	837	848	rBV	2870336	2488290	73.11%	7.622%
7	7.416	901	906	909	rBV	2037730	1946664	57.20%	5.963%
8	8.134	1024	1028	1049	rBV	1322715	1152415	33.86%	3.530%
9	9.216	1207	1212	1215	rBV	3686099	3403349	100.00%	10.425%
10	9.604	1275	1278	1291	rVB	761049	635713	18.68%	1.947%
11	9.892	1323	1327	1331	rBV	1492615	1265090	37.17%	3.875%
12	10.680	1457	1461	1474	rBV	1687043	1791744	52.65%	5.488%
13	11.380	1576	1580	1588	rBV	1265981	1119044	32.88%	3.428%
14	11.904	1666	1669	1673	rBV	63367	76554	2.25%	0.234%
15	12.598	1783	1787	1792	rBV	52978	53699	1.58%	0.164%
16	12.821	1821	1825	1830	rVB	49399	56807	1.67%	0.174%
17	12.963	1845	1849	1853	rBV	2692710	2572612	75.59%	7.880%
18	13.810	1988	1993	1996	rBV	105775	134601	3.95%	0.412%
19	13.851	1996	2000	2002	rVV	137052	150285	4.42%	0.460%
20	13.880	2002	2005	2013	rVB	364790	464873	13.66%	1.424%
21	14.021	2025	2029	2032	rBV	1026170	896394	26.34%	2.746%
22	14.180	2053	2056	2060	rBV	63419	58442	1.72%	0.179%
23	14.486	2104	2108	2112	rVB	134626	141882	4.17%	0.435%
24	14.792	2156	2160	2166	rVB	281432	303847	8.93%	0.931%
25	14.863	2169	2172	2177	rBV	353095	377683	11.10%	1.157%
26	15.127	2213	2217	2223	rVB	361535	412821	12.13%	1.264%
27	15.498	2274	2280	2291	rBV2	915384	1521523	44.71%	4.660%
28	15.945	2350	2356	2361	rBV	228812	369697	10.86%	1.132%
29	16.445	2436	2441	2454	rVB2	139435	313265	9.20%	0.960%

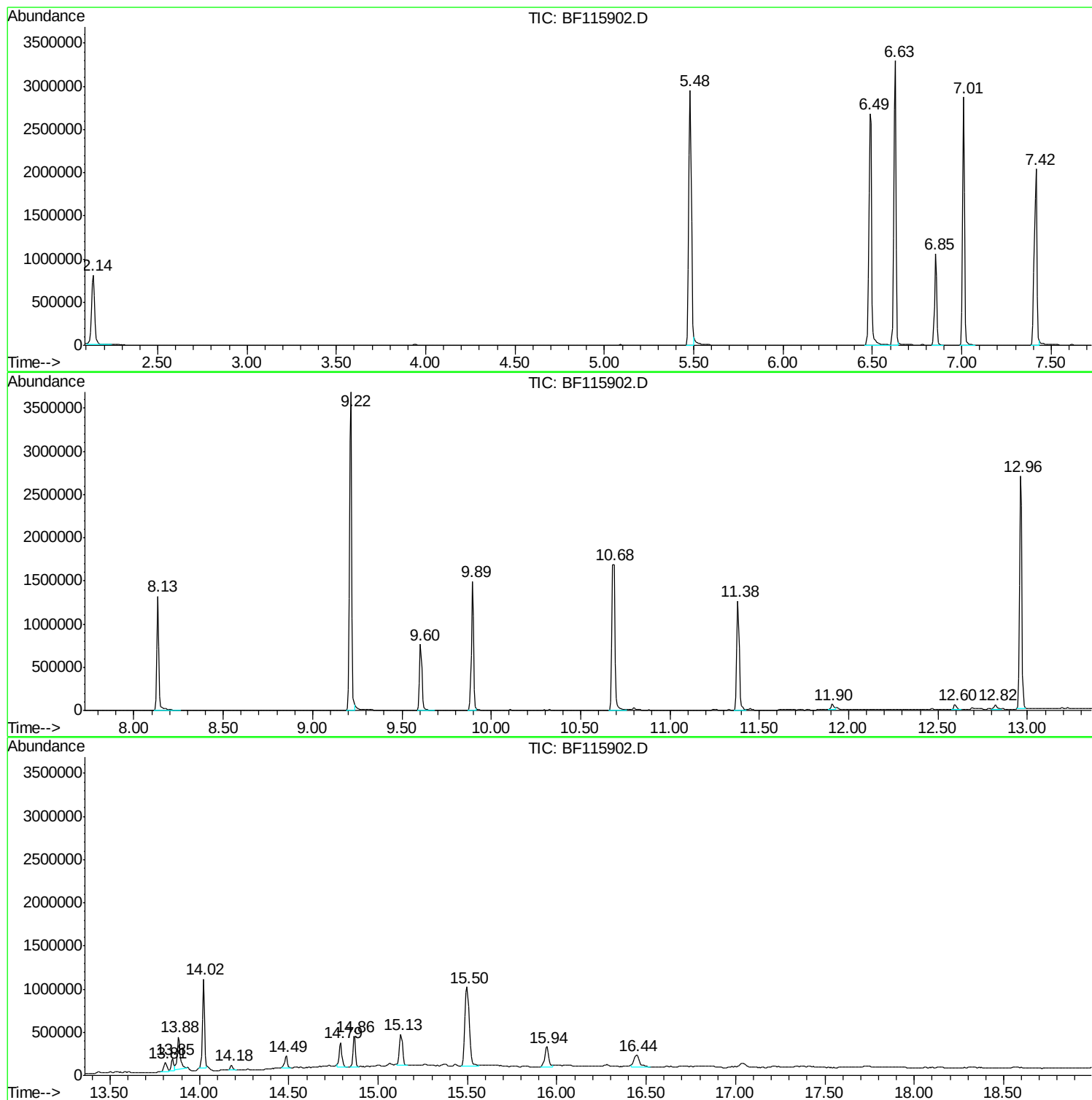
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BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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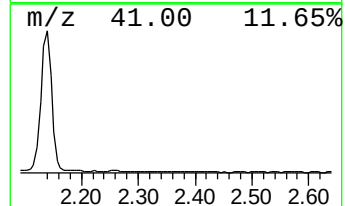
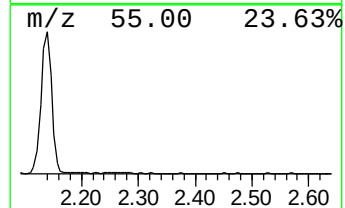
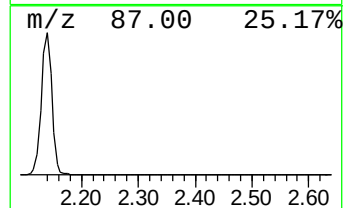
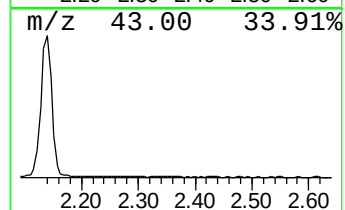
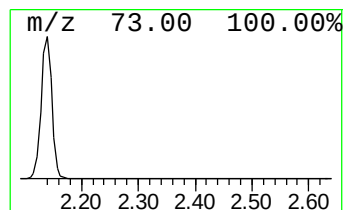
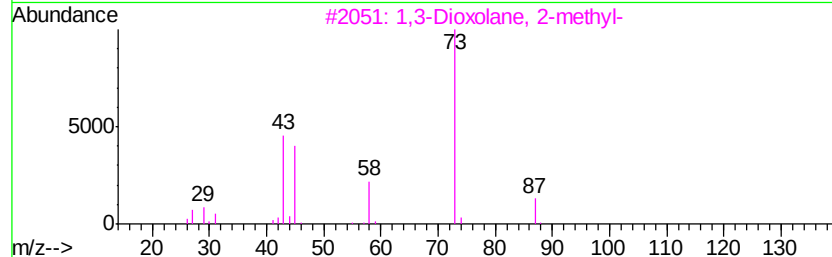
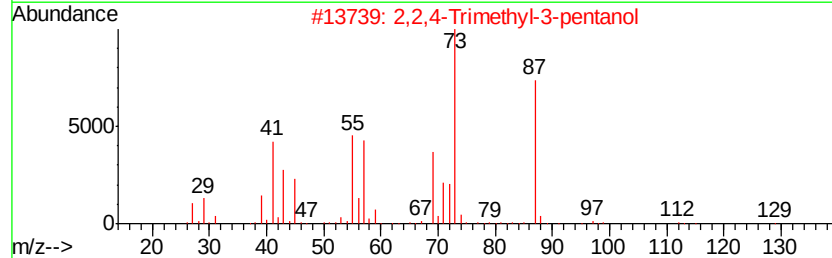
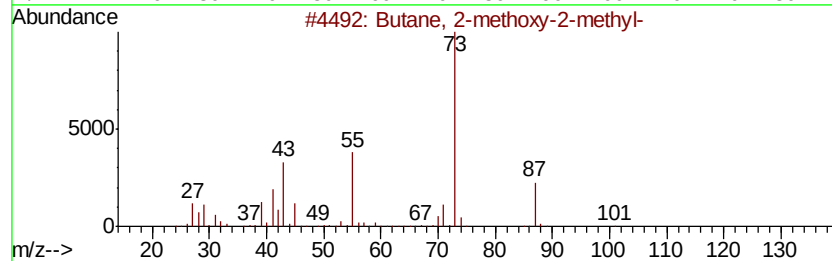
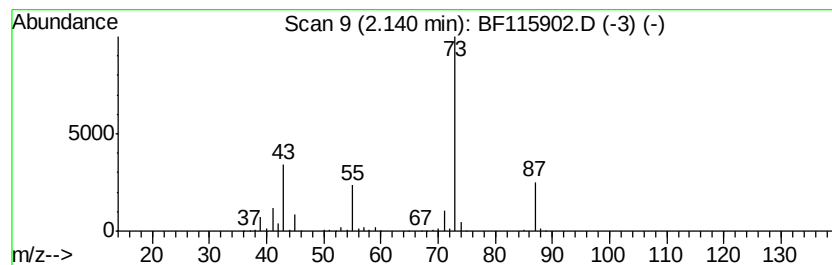
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.14	23.61 ng	1075410	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
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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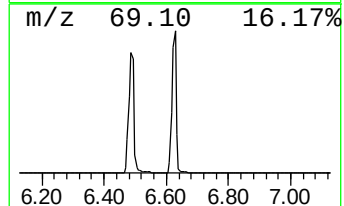
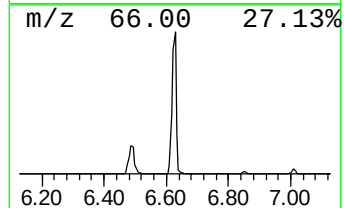
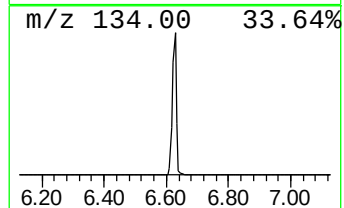
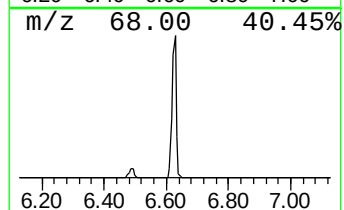
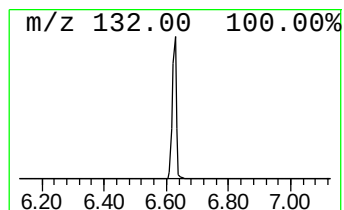
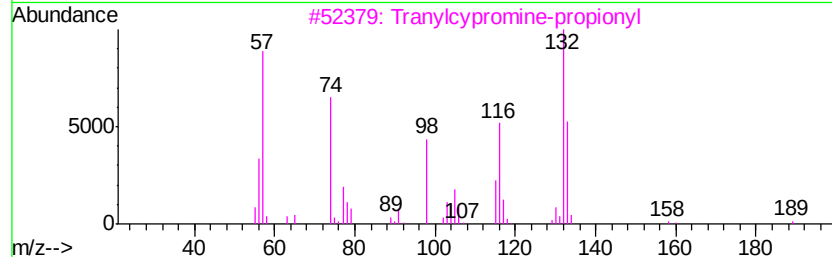
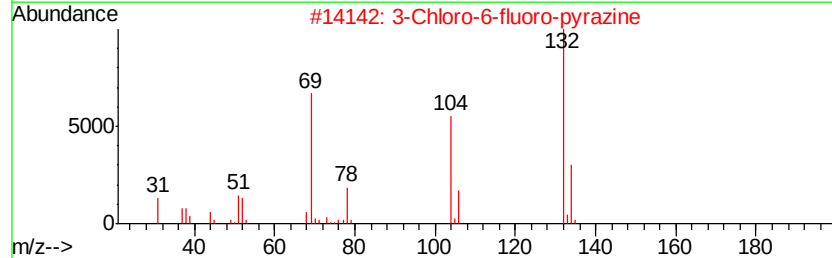
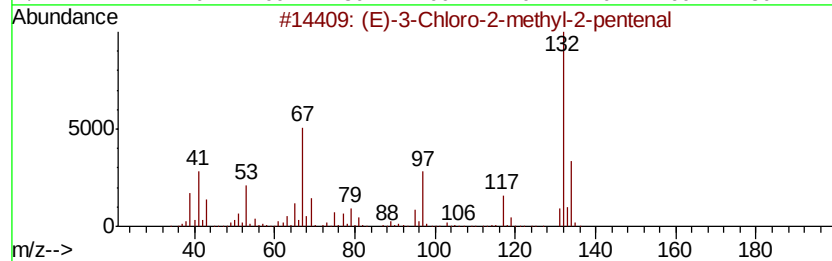
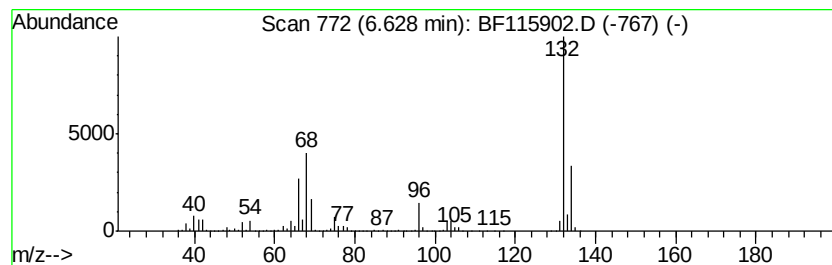
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Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	67.19 ng	3059970	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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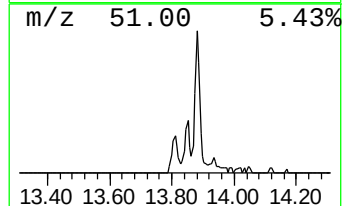
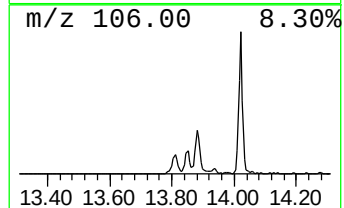
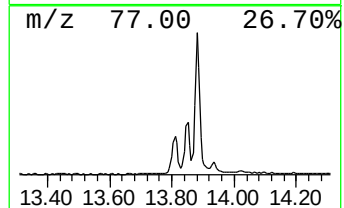
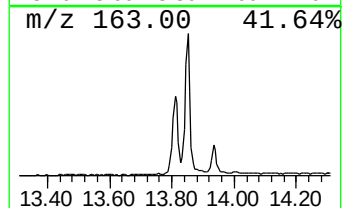
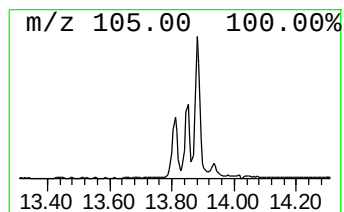
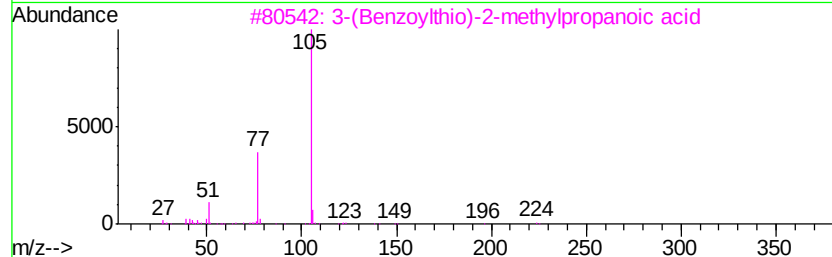
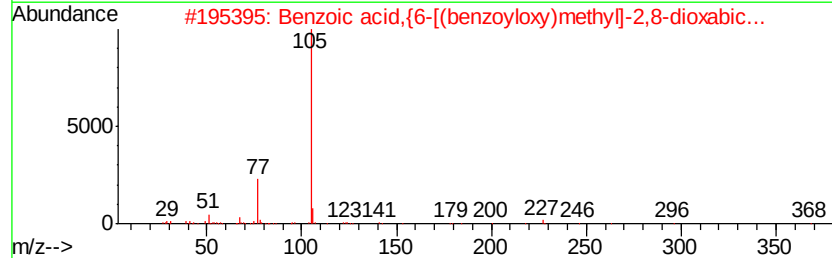
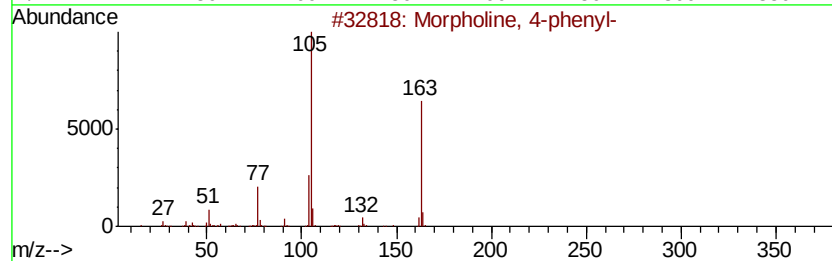
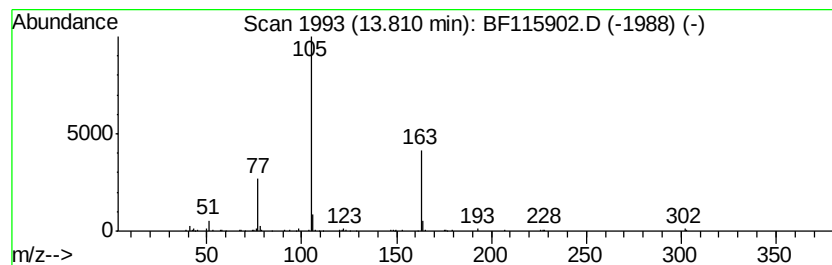
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Peak Number 4 Morpholine, 4-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	3.00 ng	134601	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	56
2		Benzoic acid,{6-[(benzoyloxy)met...	368	C21H20O6	1000192-34-7	35
3		3-(Benzoylthio)-2-methylpropanoi...	224	C11H12O3S	067714-34-5	35
4		2,6-Dimethylphenyl benzoate	226	C15H14O2	001871-36-9	35
5		2-Methoxyphenyl benzoate	228	C14H12O3	000531-37-3	30



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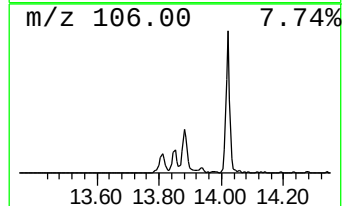
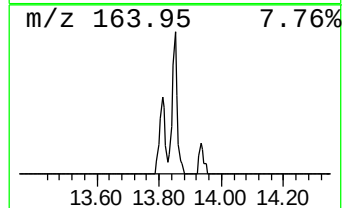
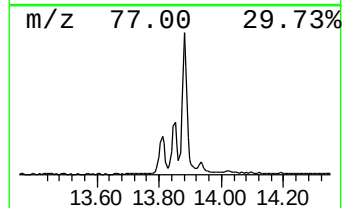
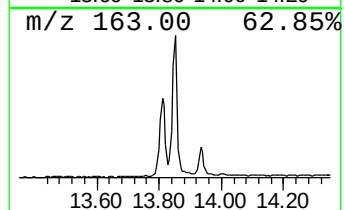
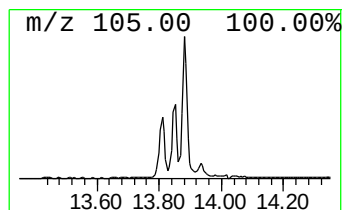
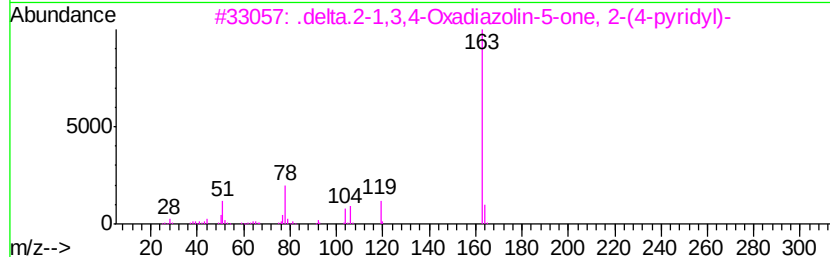
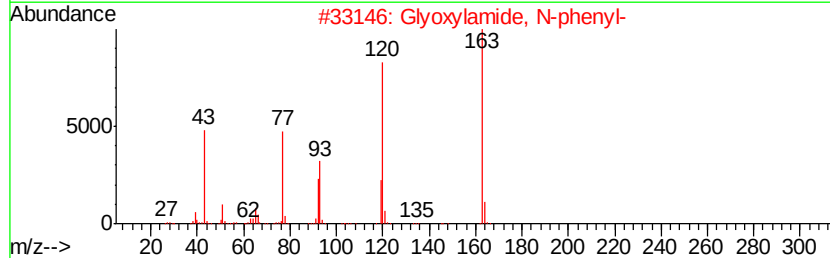
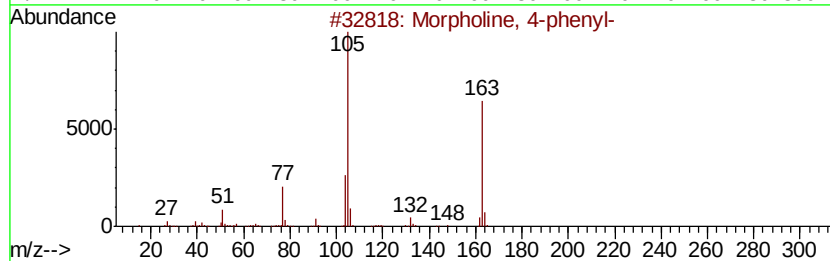
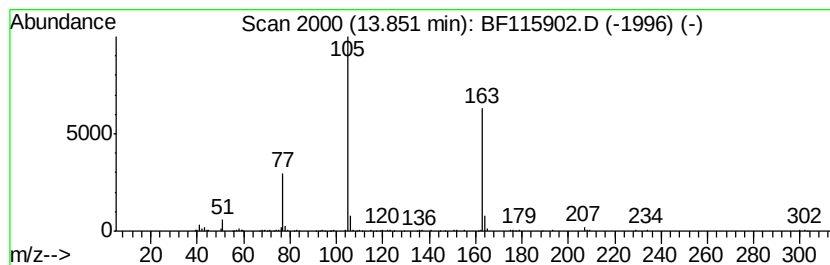
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Peak Number 5 unknown13.85 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	3.35 ng	150285	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	50
2		Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	47
3		.delta.2-1,3,4-Oxadiazolin-5-one...	163	C7H5N3O2	002845-82-1	38
4		Benzoic acid, 3,5-difluorophenyl e...	234	C13H8F2O2	1000357-79-5	35
5		Pentanediamide, N,N'-di-benzoyloxy-	370	C19H18N2O6	1000253-26-3	27



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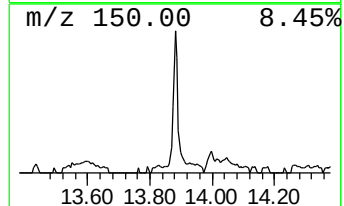
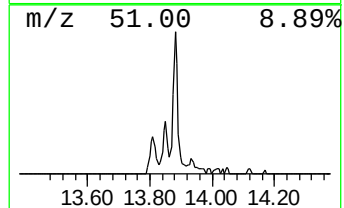
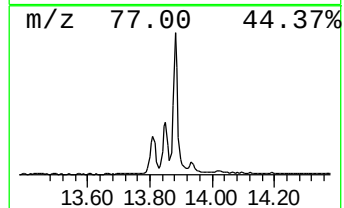
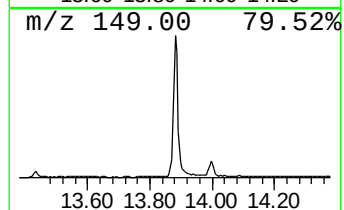
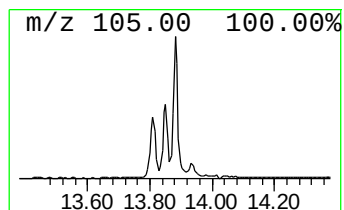
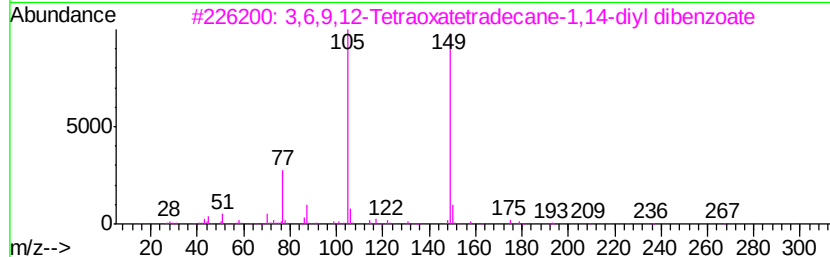
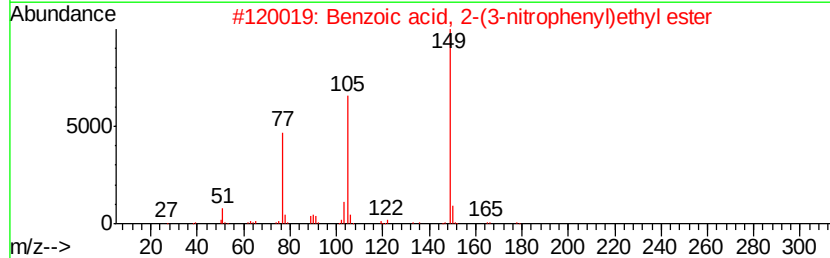
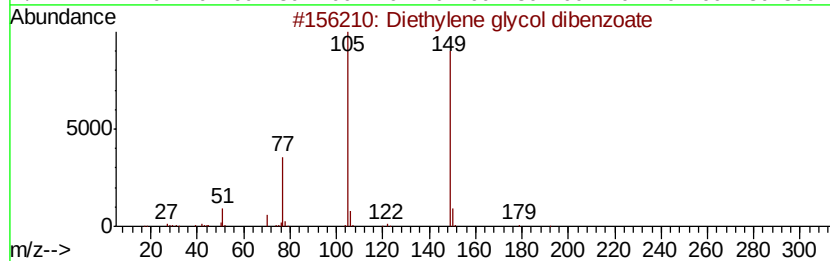
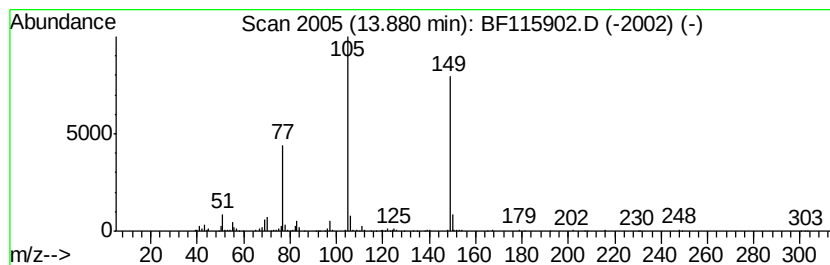
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Diethylene glycol dibenzoate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.88	10.37 ng	464873	Chrysene-d12		14.02	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	87
2		Benzoic acid, 2-(3-nitrophenyl)ethyl ester	271	C15H13NO4	1000368-22-4	64
3		3,6,9,12-Tetraoxatetradecane-1,14-diyl dibenzoate	446	C24H30O8	1000366-97-0	59
4		2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	49
5		Phthalic acid, di(2-methylbutyl)ester	306	C18H26O4	1000322-82-5	38



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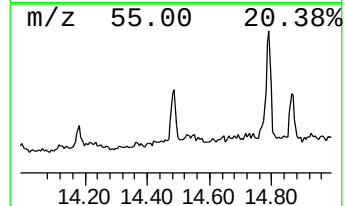
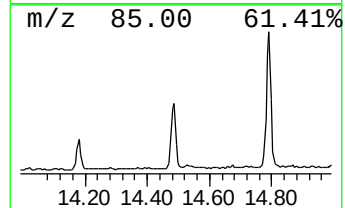
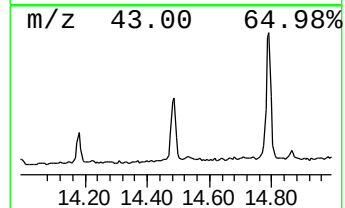
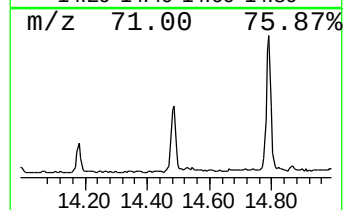
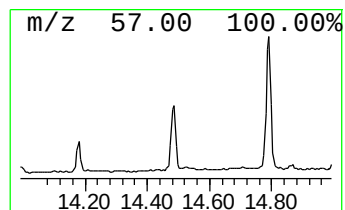
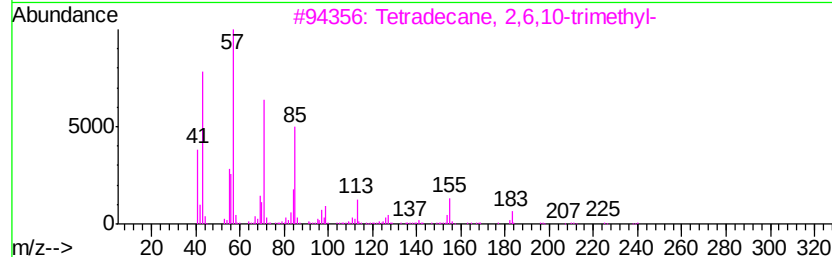
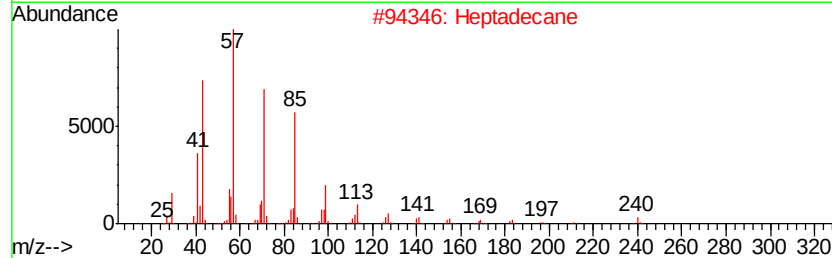
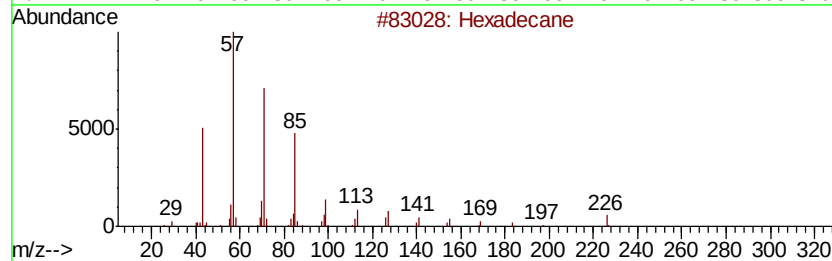
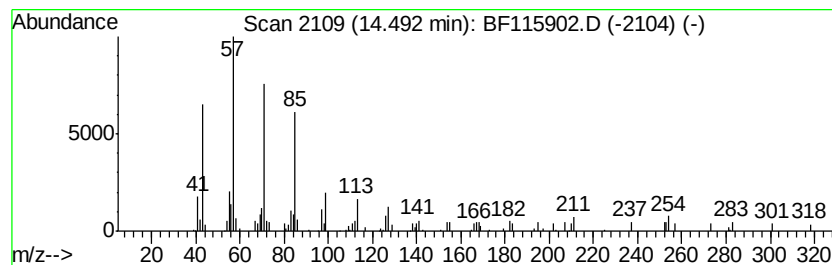
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ClientSampleId :
TP-8-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.49	3.17 ng	141882	Chrysene-d12		14.02
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115902.D
Acq On : 1 Aug 2019 12:46
Operator : HP/JU
Sample : K4021-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8-A

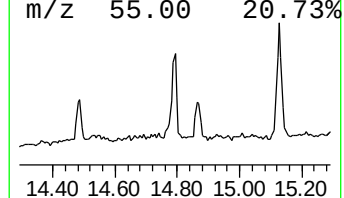
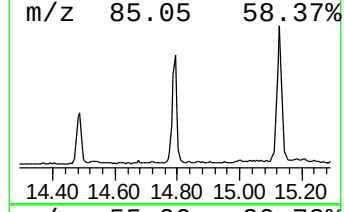
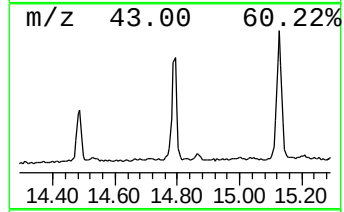
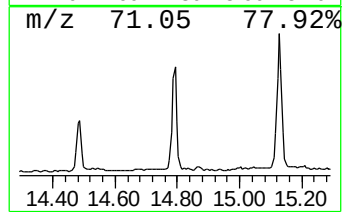
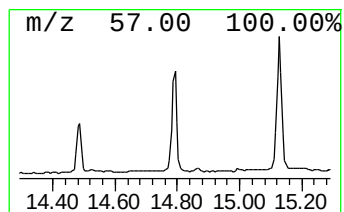
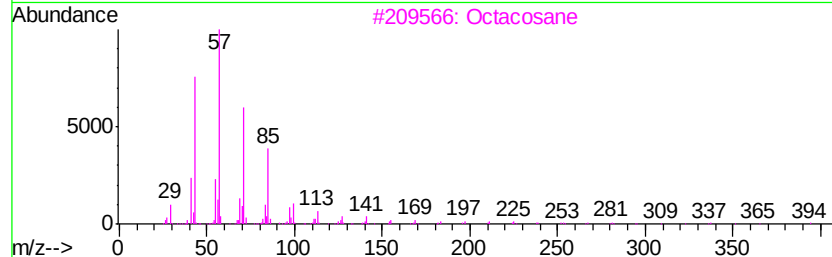
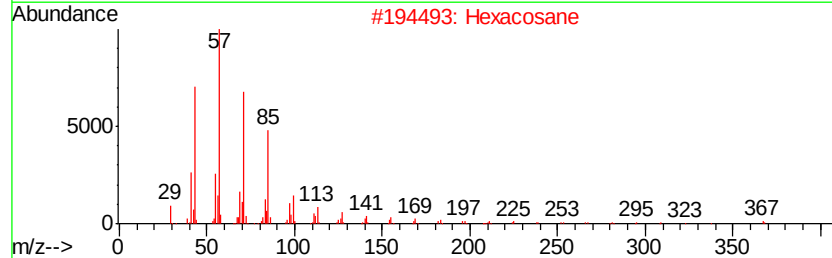
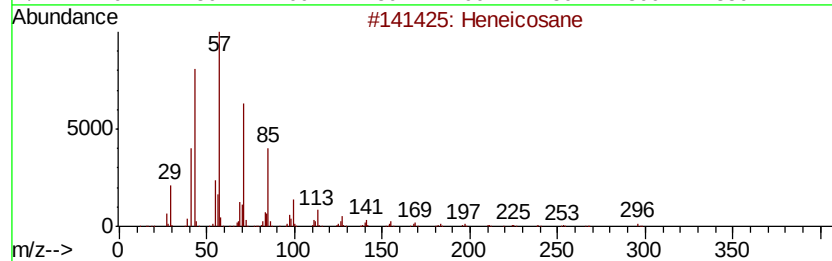
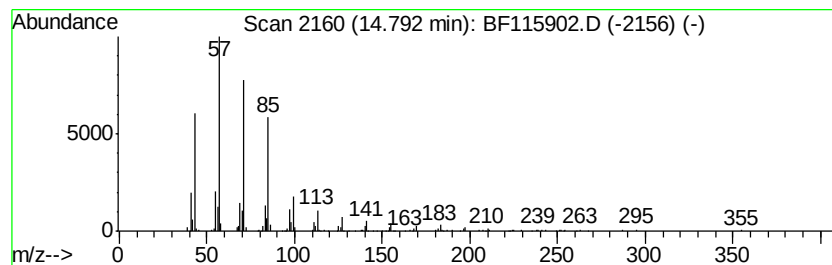
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	3.99 ng	303847	Perylene-d12	15.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Hexacosane		366	C26H54	000630-01-3	91
3	Octacosane		394	C28H58	000630-02-4	91
4	2-Bromotetradecane		276	C14H29Br	074036-95-6	90
5	Octadecane		254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
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Sample : K4021-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

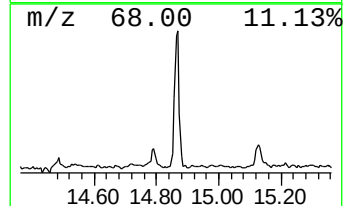
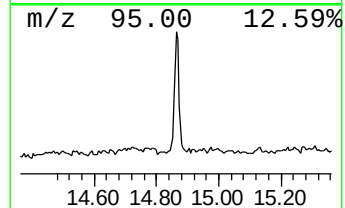
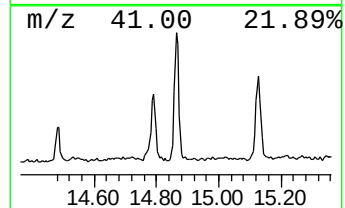
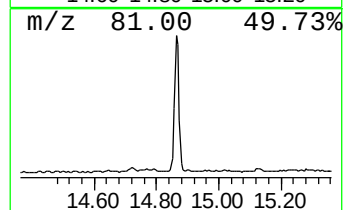
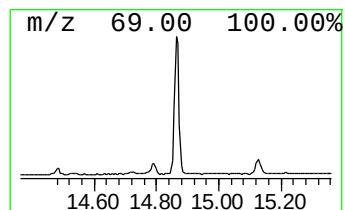
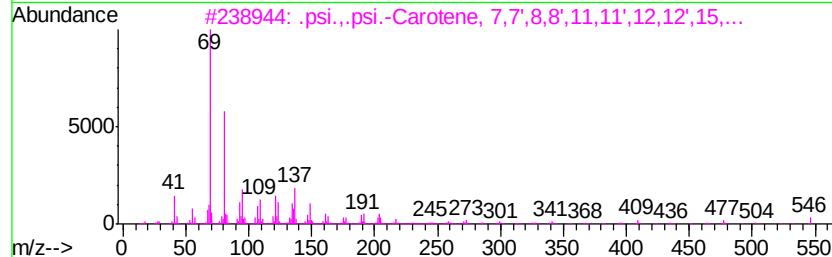
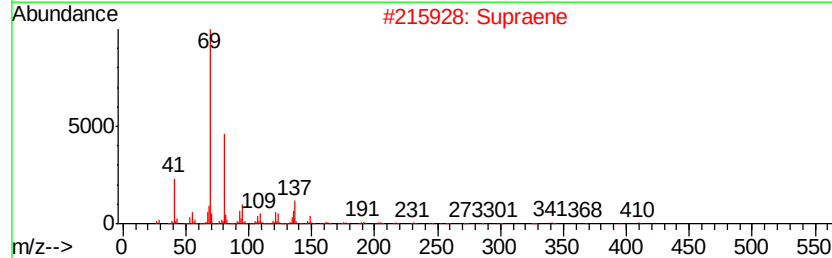
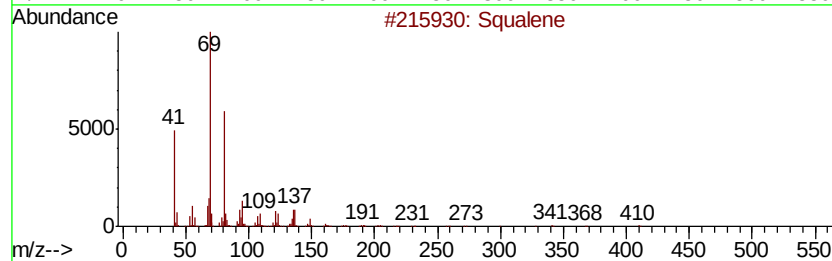
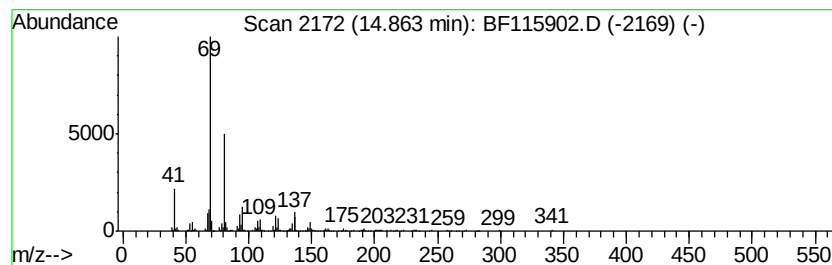
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	4.96 ng	377683	Perylene-d12	15.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	000111-02-4	91
2	Supraene	410 C30H50	007683-64-9	87
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547 C40H66	000502-62-5	83
4	7,11-Dimethyldodeca-2,6,10-trien...	208 C14H240	125529-10-4	72
5	2,6,10,14-Hexadecatetraenoic aci...	332 C22H3602	024035-35-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115902.D
Acq On : 1 Aug 2019 12:46
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Sample : K4021-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

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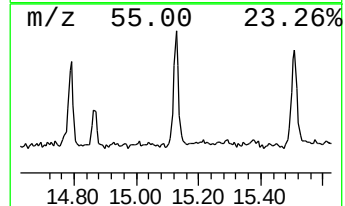
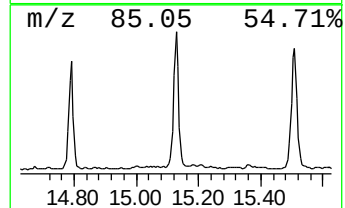
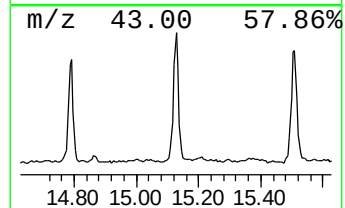
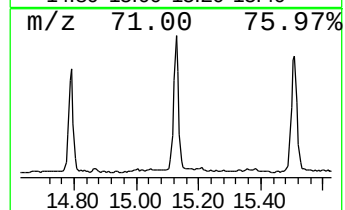
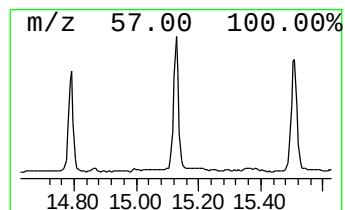
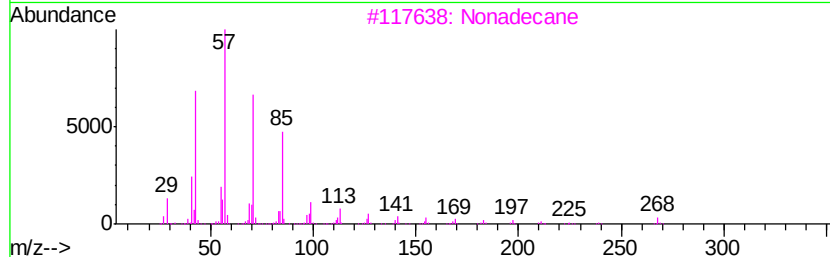
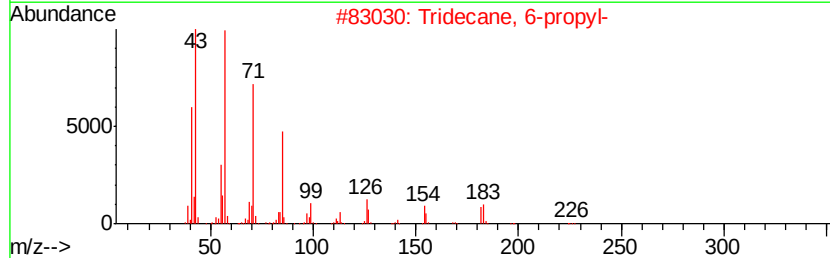
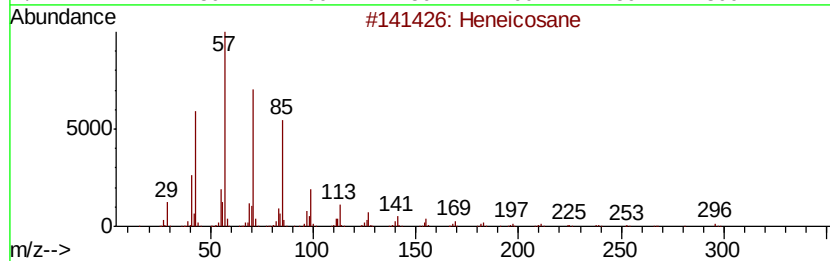
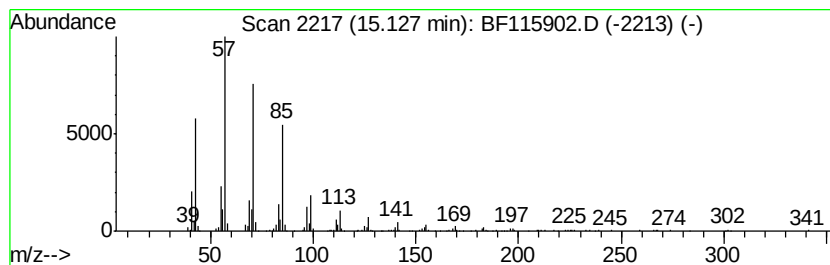
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane, 6-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	5.43 ng	412821	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3		Nonadecane	268	C19H40	000629-92-5	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
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Operator : HP/JU
Sample : K4021-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

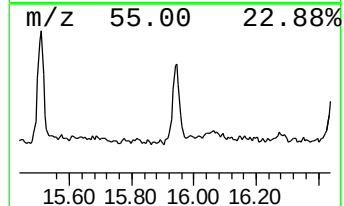
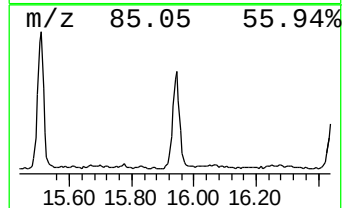
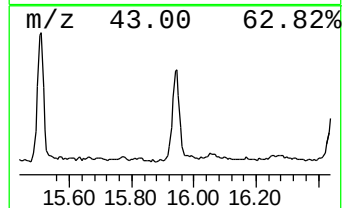
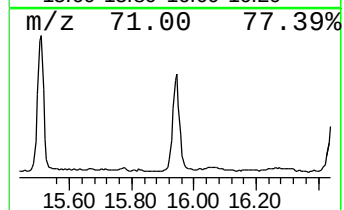
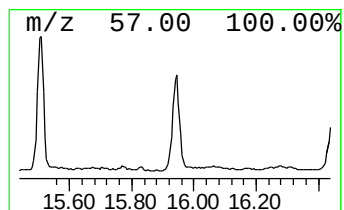
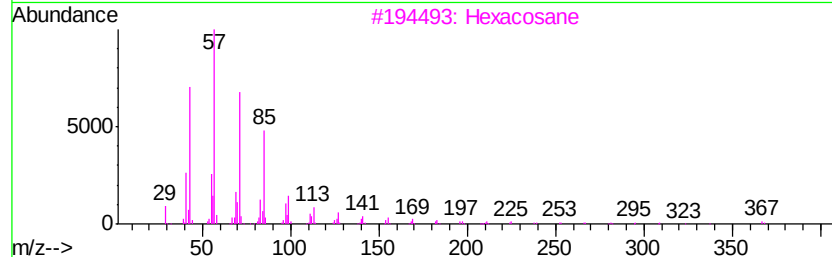
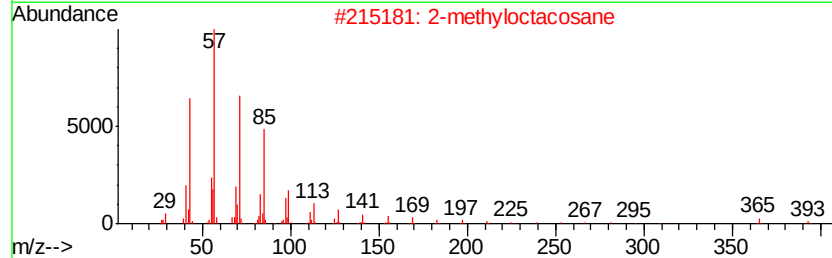
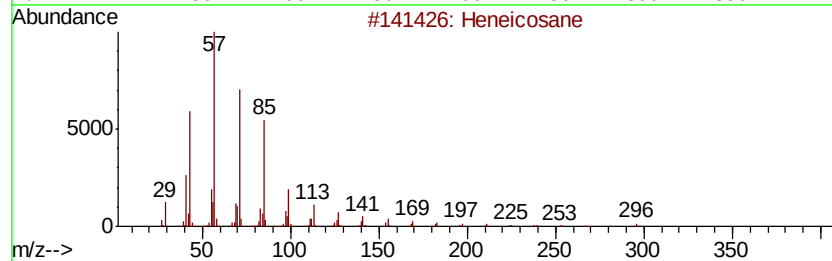
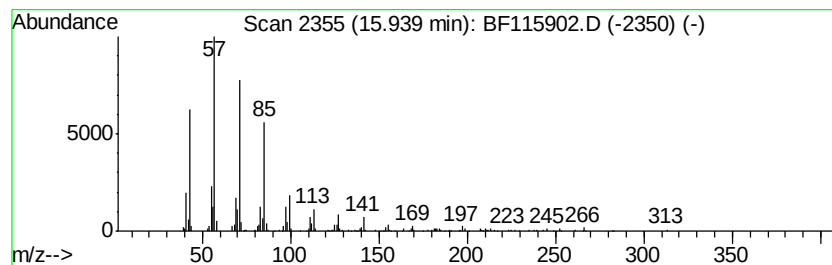
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-methyloctacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.94	4.86 ng	369697	Perylene-d12	15.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
Data File : BF115902.D
Acq On : 1 Aug 2019 12:46
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Misc :
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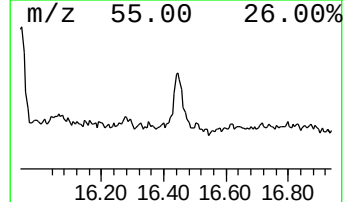
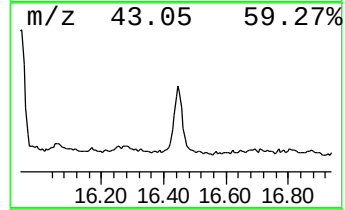
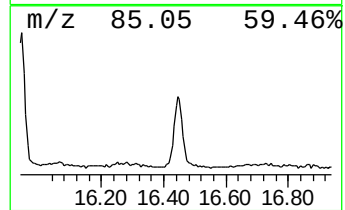
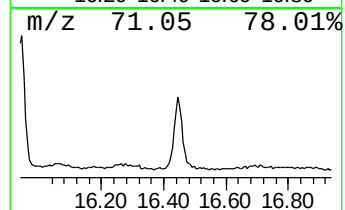
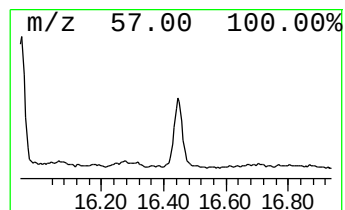
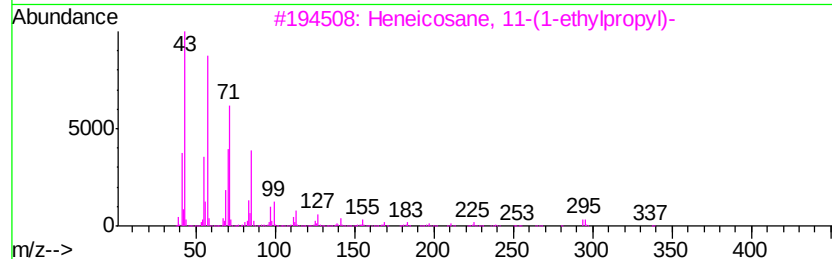
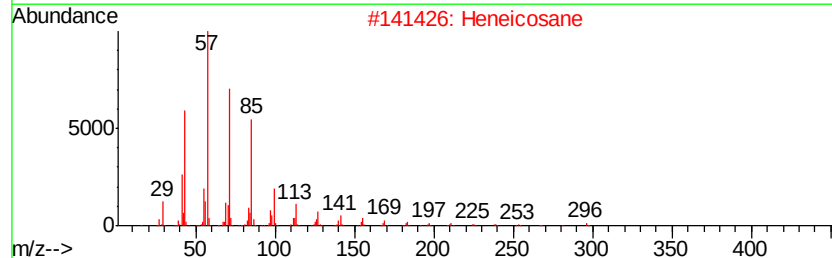
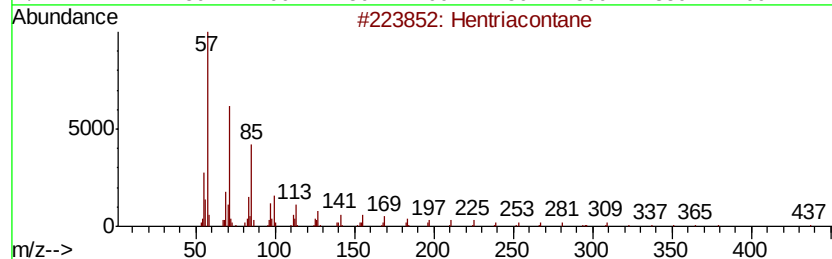
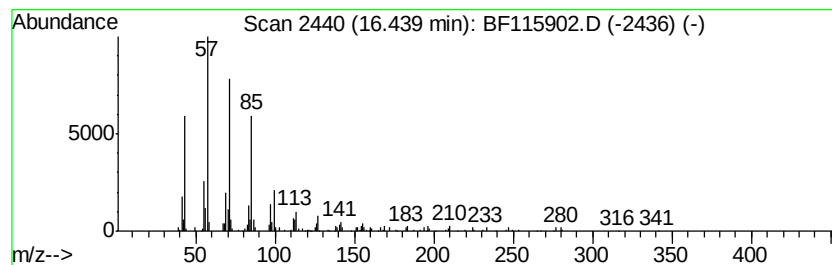
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hentriacontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	4.12 ng	313265	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
 Data File : BF115902.D
 Acq On : 1 Aug 2019 12:46
 Operator : HP/JU
 Sample : K4021-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
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unknown6.63	6.63	67.2	ng	3059970	1	6.85	910878	20.0
Morpholine, 4-phe...	13.81	3.0	ng	134601	5	14.02	896394	20.0
unknown13.85	13.85	3.4	ng	150285	5	14.02	896394	20.0
Diethylene glycol...	13.88	10.4	ng	464873	5	14.02	896394	20.0
Hexadecane	14.49	3.2	ng	141882	5	14.02	896394	20.0
Heneicosane	14.79	4.0	ng	303847	6	15.49	1521520	20.0
Squalene	14.86	5.0	ng	377683	6	15.49	1521520	20.0
Tridecane, 6-propyl-	15.13	5.4	ng	412821	6	15.49	1521520	20.0
2-methyloctacosane	15.94	4.9	ng	369697	6	15.49	1521520	20.0
Hentriacontane	16.44	4.1	ng	313265	6	15.49	1521520	20.0