

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
 Data File : BF118255.D
 Acq On : 18 Dec 2019 13:28
 Operator : JU
 Sample : K6324-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-9

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	29	rVB	320257	565026	18.91%	1.760%
2	5.069	503	507	519	rVB	343312	406880	13.62%	1.267%
3	5.481	573	577	591	rBV	2398548	2144057	71.74%	6.678%
4	6.492	745	749	767	rBV	2178655	2310639	77.32%	7.197%
5	6.634	769	773	776	rBV	2819415	2432740	81.40%	7.577%
6	6.857	808	811	815	rBV	648409	586369	19.62%	1.826%
7	7.016	834	838	842	rBV	2215960	1869510	62.56%	5.823%
8	7.422	903	907	919	rBV	1367818	1443277	48.29%	4.495%
9	8.145	1026	1030	1048	rBV	815348	778031	26.03%	2.423%
10	9.227	1209	1214	1217	rBV	3032578	2595284	86.84%	8.083%
11	9.622	1277	1281	1289	rBV	278478	241962	8.10%	0.754%
12	9.910	1326	1330	1336	rBV	1100105	930345	31.13%	2.898%
13	10.110	1359	1364	1372	rBV2	22628	38716	1.30%	0.121%
14	10.310	1391	1398	1405	rBV2	104231	93442	3.13%	0.291%
15	10.704	1461	1465	1481	rBV	2358244	2089286	69.91%	6.507%
16	11.404	1580	1584	1592	rBV	1199162	997947	33.39%	3.108%
17	11.927	1667	1673	1689	rBV	543765	669947	22.42%	2.087%
18	12.639	1787	1794	1801	rBV7	20383	54930	1.84%	0.171%
19	12.716	1802	1807	1818	rVV	232267	312629	10.46%	0.974%
20	12.998	1850	1855	1858	rBV	3222221	2988464	100.00%	9.308%
21	13.527	1941	1945	1948	rBV	115414	116609	3.90%	0.363%
22	13.563	1948	1951	1954	rVB	44579	46792	1.57%	0.146%
23	13.886	2002	2006	2017	rBV2	416542	538255	18.01%	1.676%
24	14.057	2031	2035	2043	rBV	930116	850884	28.47%	2.650%
25	14.210	2056	2061	2065	rBV	314571	309909	10.37%	0.965%
26	14.274	2067	2072	2073	rBV4	22397	34136	1.14%	0.106%
27	14.515	2108	2113	2120	rBV	625438	636374	21.29%	1.982%
28	14.827	2160	2166	2171	rBV	979801	992627	33.22%	3.092%
29	14.904	2176	2179	2183	rVB	37231	40037	1.34%	0.125%
30	15.174	2219	2225	2235	rVB	923555	1182376	39.56%	3.683%
31	15.557	2284	2290	2306	rBV3	1213848	2017176	67.50%	6.283%
32	15.833	2334	2337	2343	rVB3	28048	42612	1.43%	0.133%
33	16.009	2360	2367	2373	rBV	566087	928440	31.07%	2.892%
34	16.062	2373	2376	2386	rVB8	40172	84837	2.84%	0.264%

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Integration Parameters: rteint.p
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

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

35	16.521	2447	2454	2463	rBV	278643	544887	18.23%	1.697%
36	17.127	2552	2557	2565	rVB2	86944	191107	6.39%	0.595%

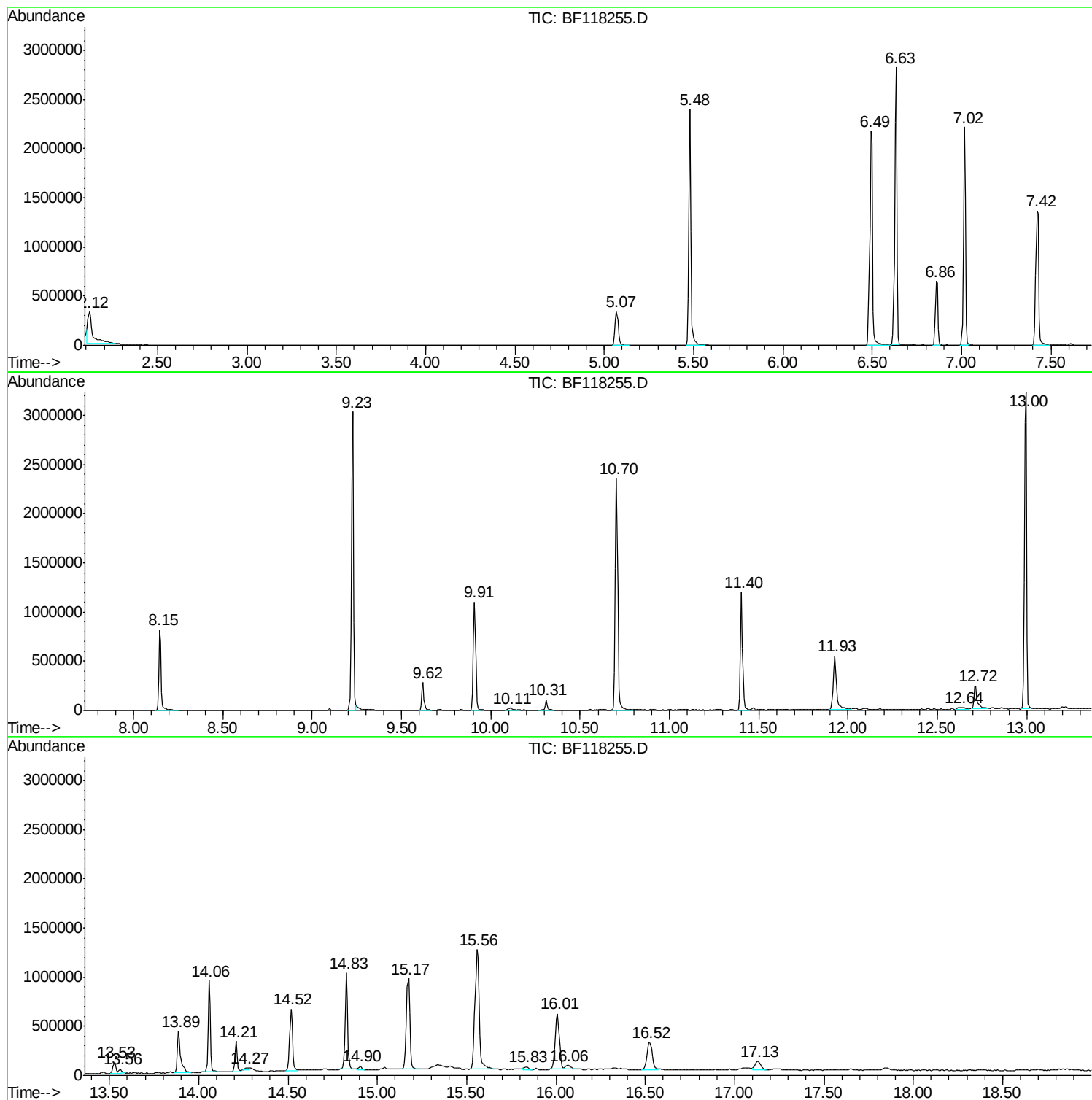
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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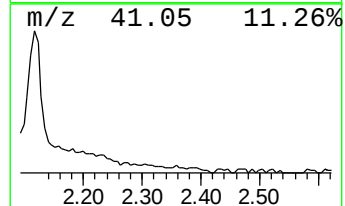
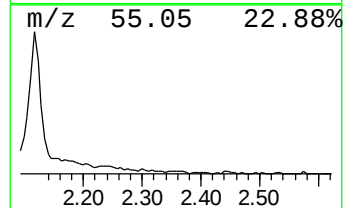
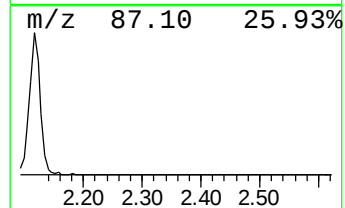
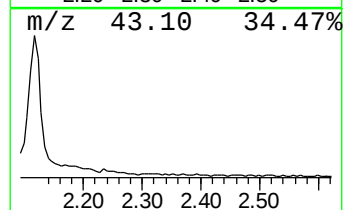
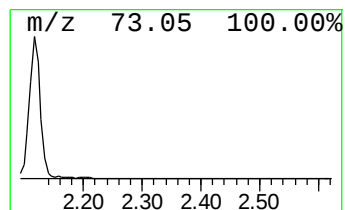
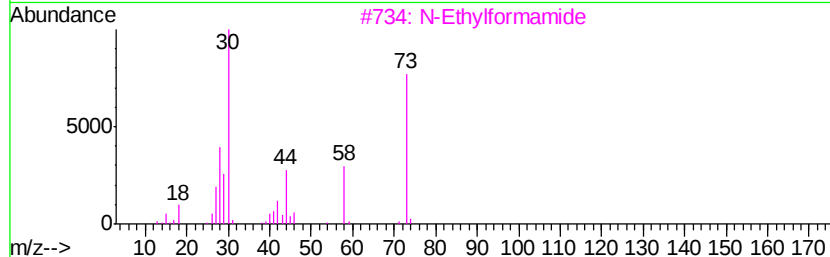
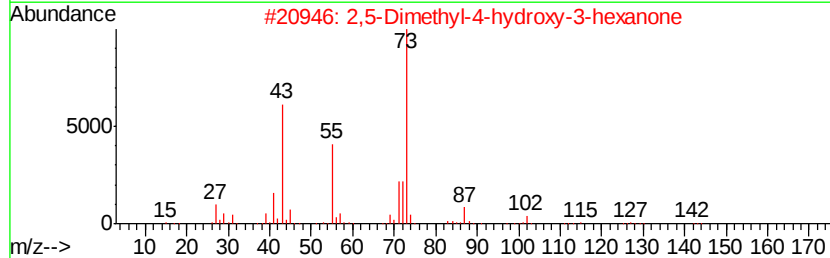
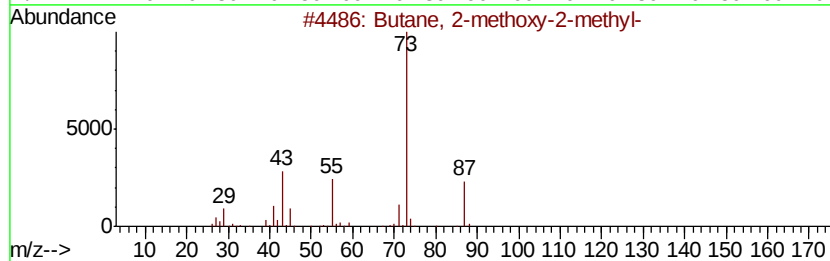
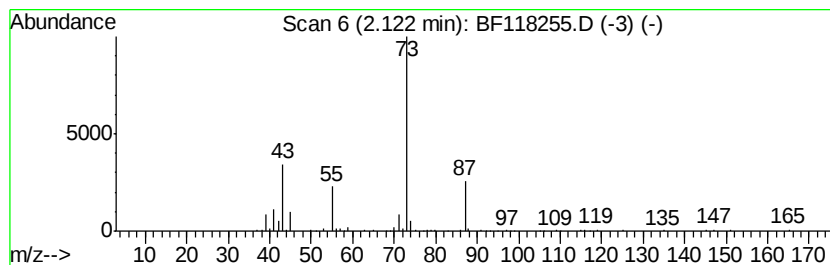
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	19.27 ng	565026	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	72
2		2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	23
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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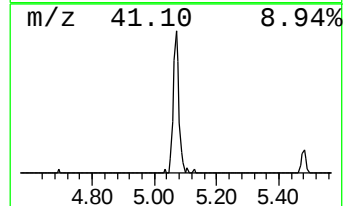
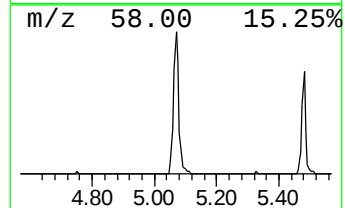
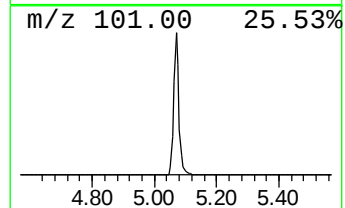
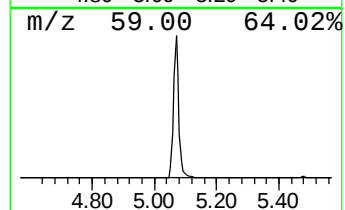
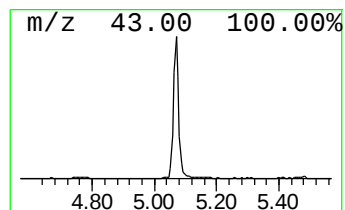
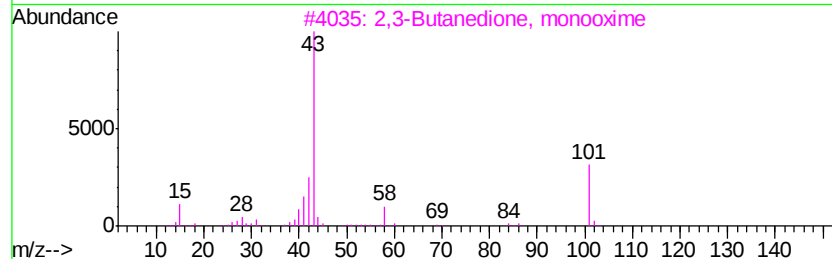
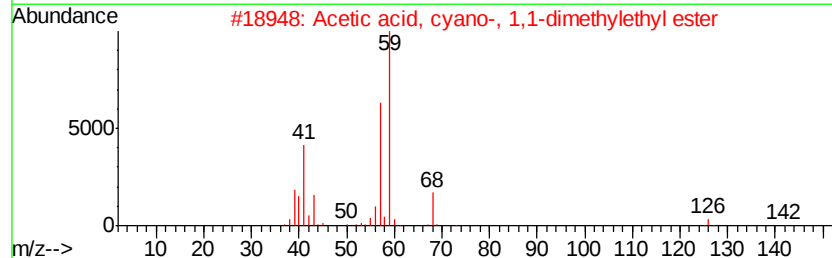
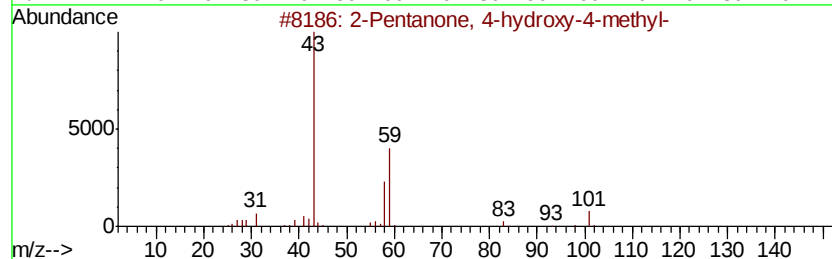
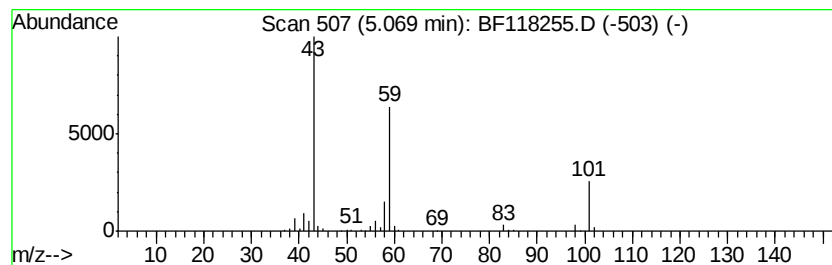
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	13.88 ng	406880	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	25
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4		Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	17
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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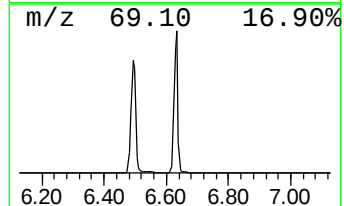
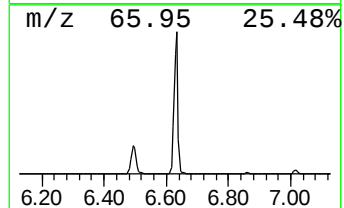
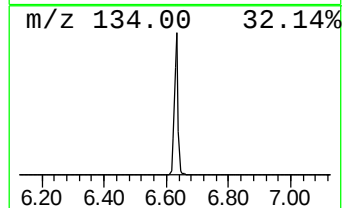
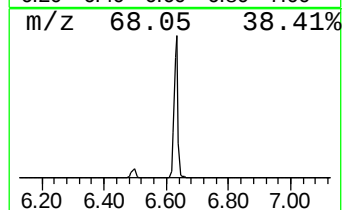
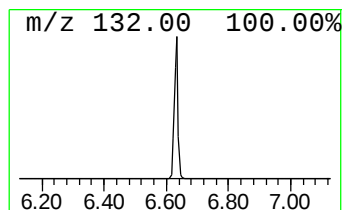
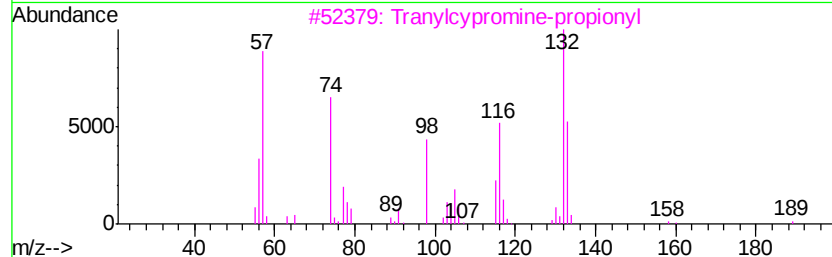
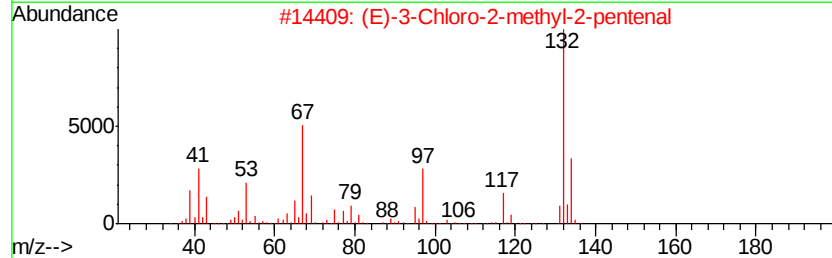
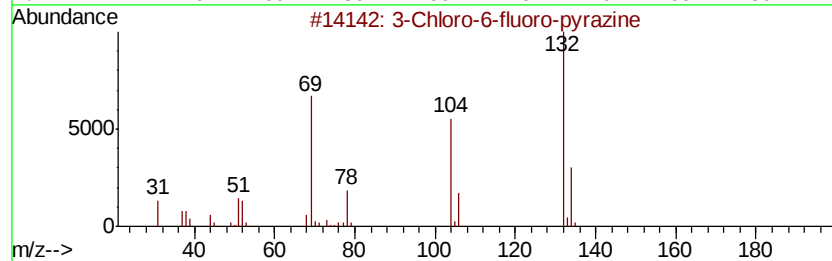
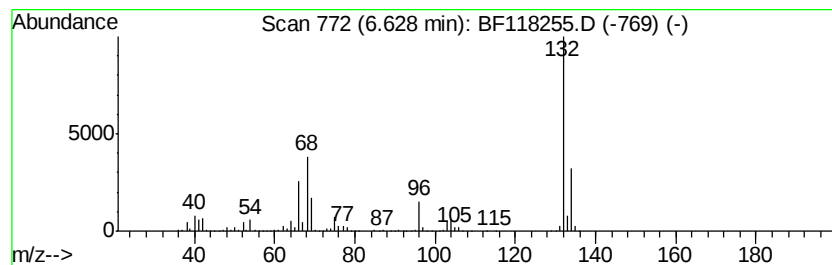
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	82.98 ng	2432740	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		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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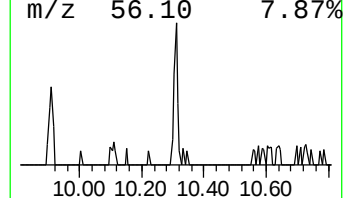
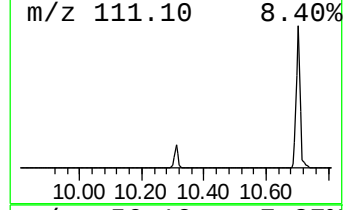
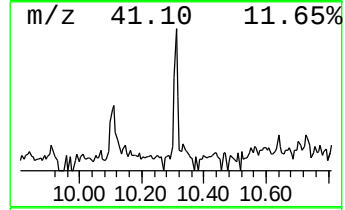
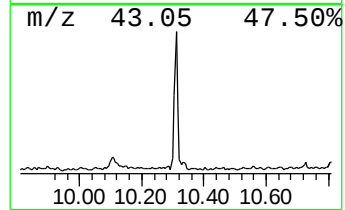
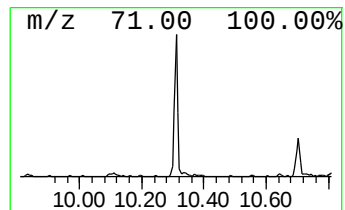
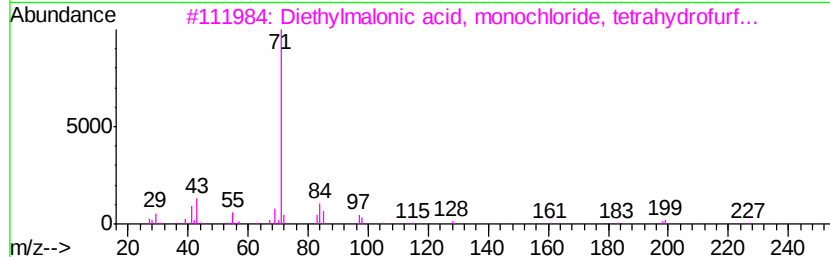
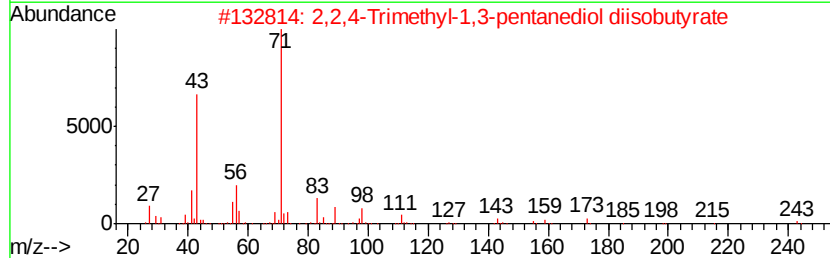
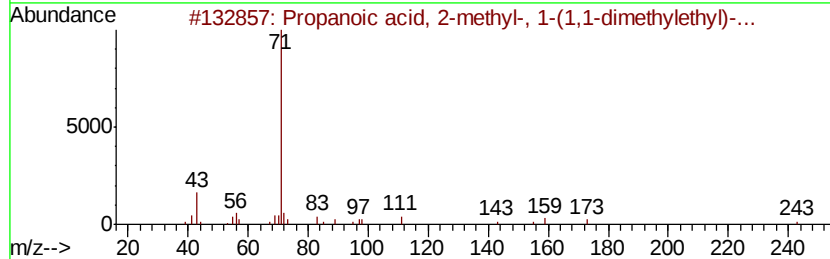
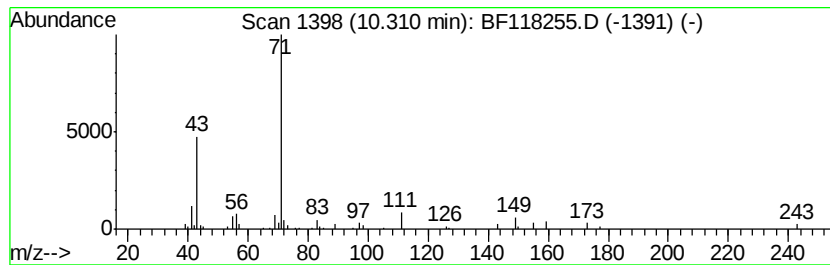
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	2.01 ng	93442	Acenaphthene-d10	9.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, 2-methyl-, 1-(1,...	286	C16H30O4	074381-40-1	72
2			2,2,4-Trimethyl-1,3-pentenediol ...	286	C16H30O4	006846-50-0	56
3			Diethylmalonic acid, monochlorid...	262	C12H19ClO4	1000370-65-0	53
4			Butanoic acid, 2-butoxy-1-methyl...	216	C11H20O4	007492-70-8	53
5			Butane, 1-bromo-2-methyl-	150	C5H11Br	005973-11-5	45



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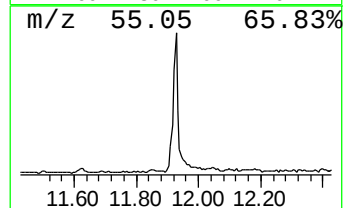
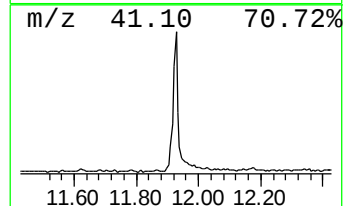
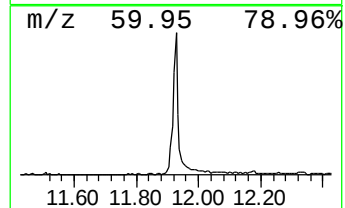
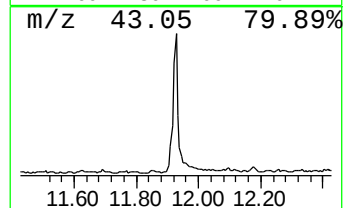
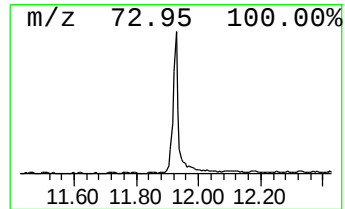
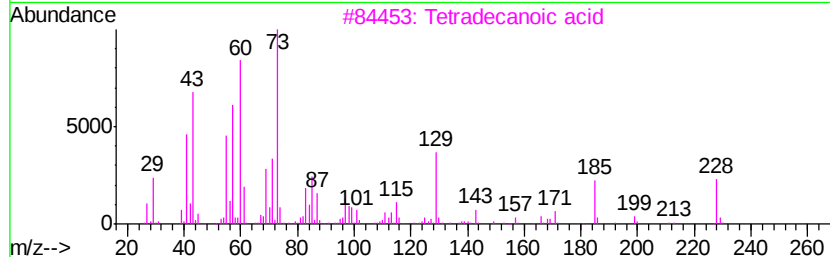
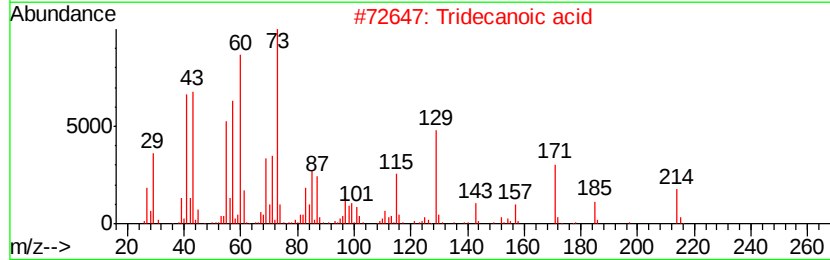
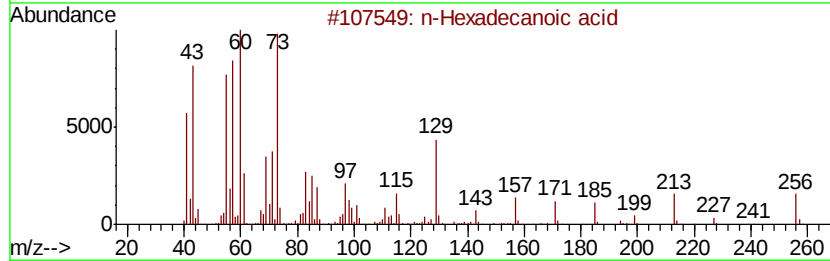
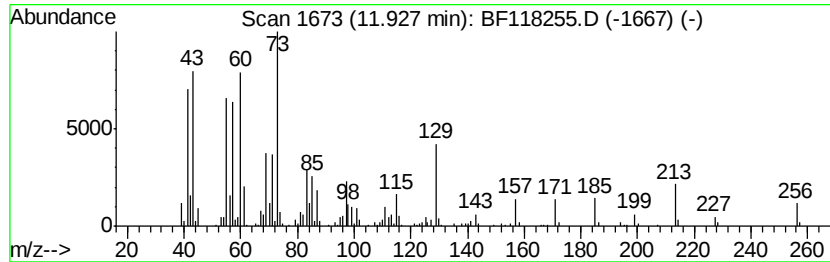
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	13.43 ng	669947	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	94
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Undecanoic acid	186	C11H22O2	000112-37-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
Data File : BF118255.D
Acq On : 18 Dec 2019 13:28
Operator : JU
Sample : K6324-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

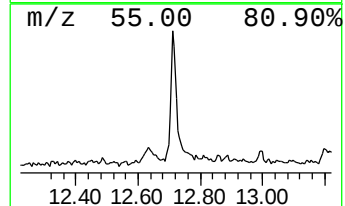
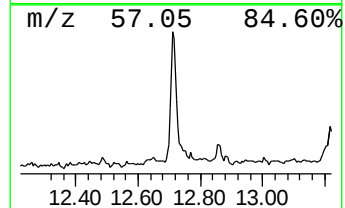
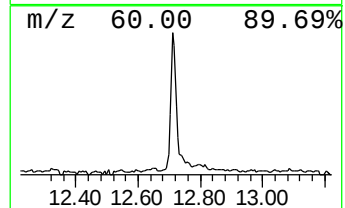
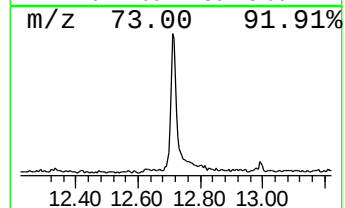
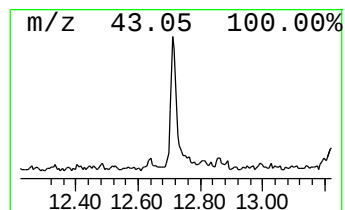
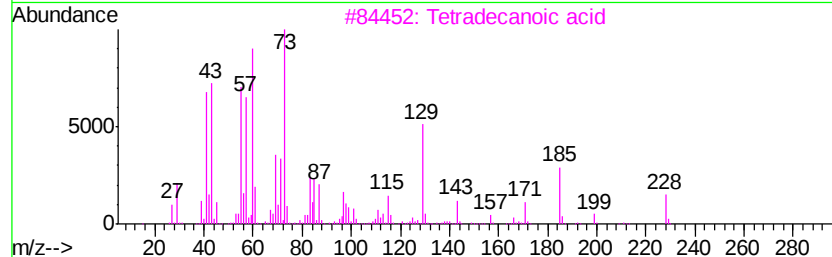
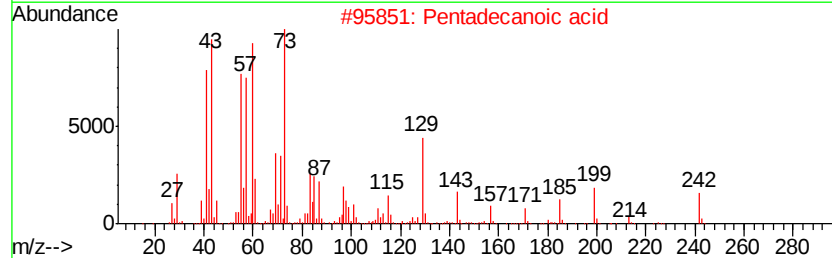
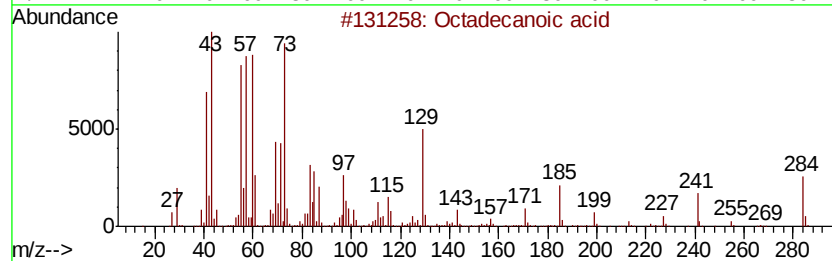
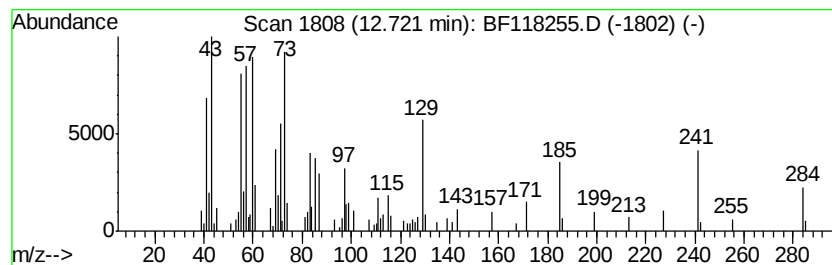
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.72	6.27 ng	312629	Phenanthrene-d10		11.40
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
Data File : BF118255.D
Acq On : 18 Dec 2019 13:28
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ClientSampleId :
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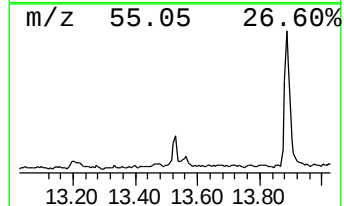
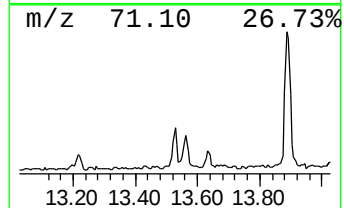
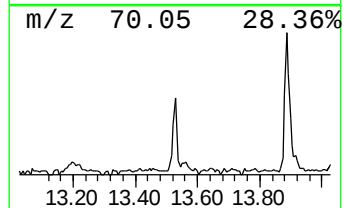
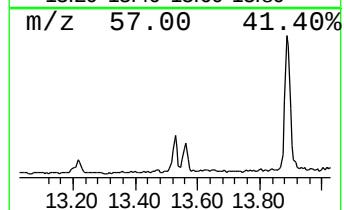
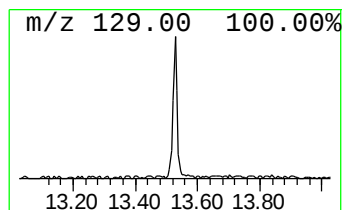
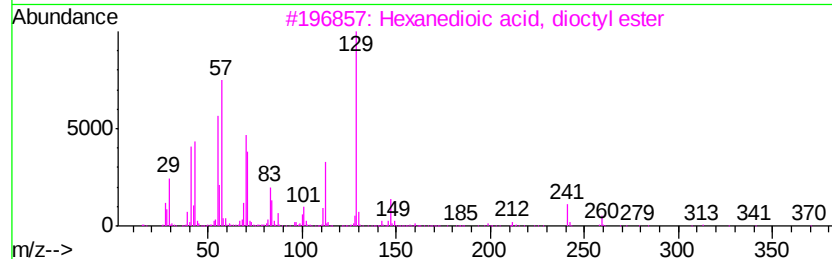
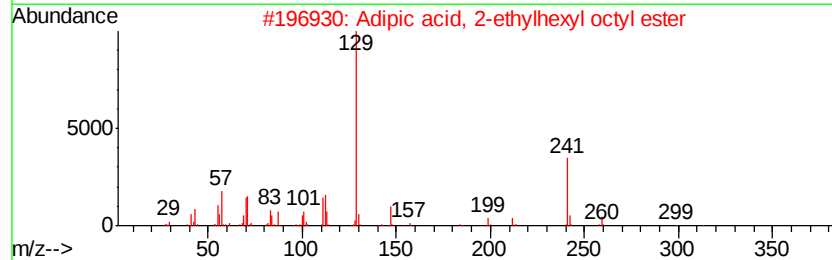
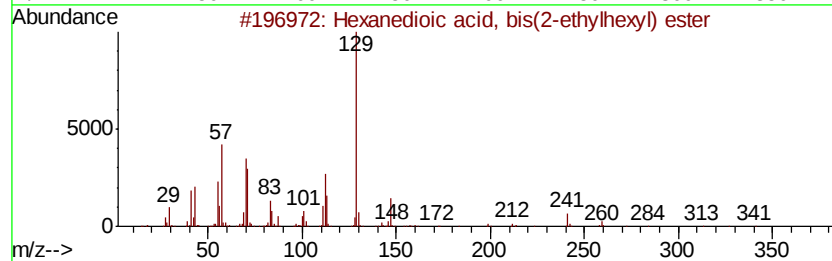
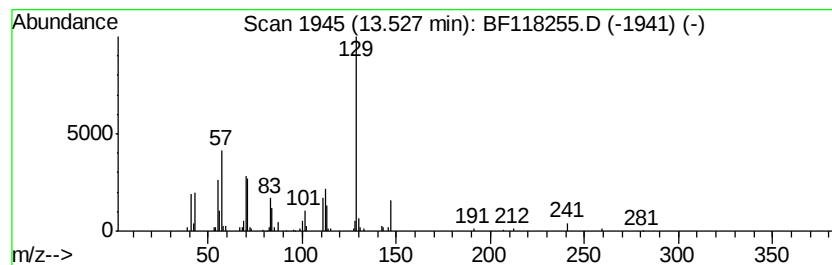
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexanedioic acid, bis(2-eth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	2.74 ng	116609	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2		Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
3		Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	72
4		Diisooctyl adipate	370	C22H42O4	001330-86-5	64
5		Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
Data File : BF118255.D
Acq On : 18 Dec 2019 13:28
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Sample : K6324-01
Misc :
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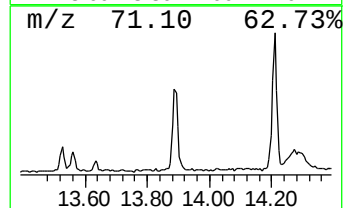
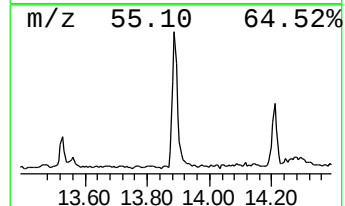
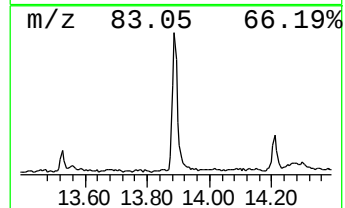
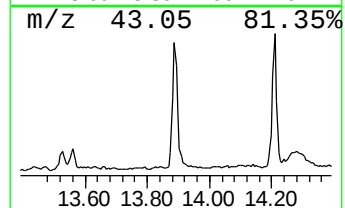
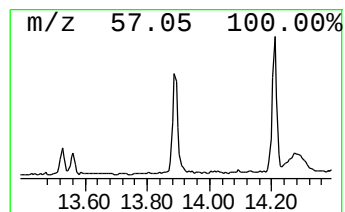
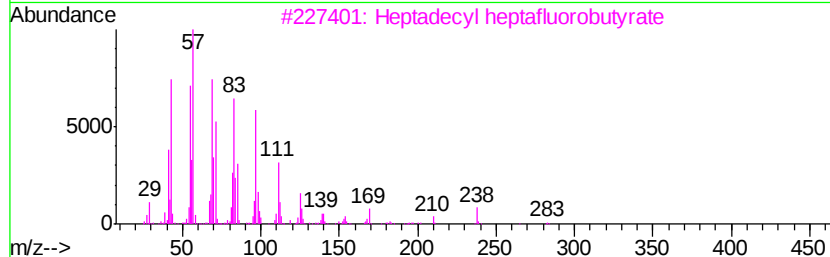
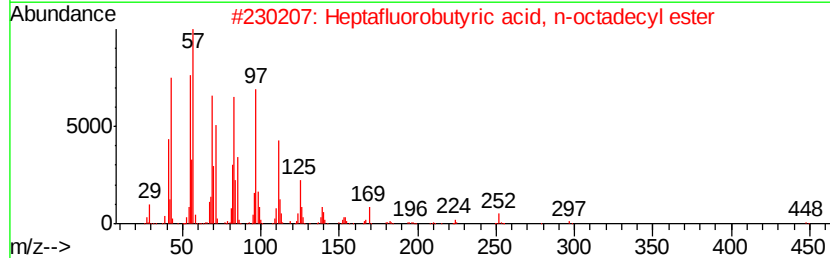
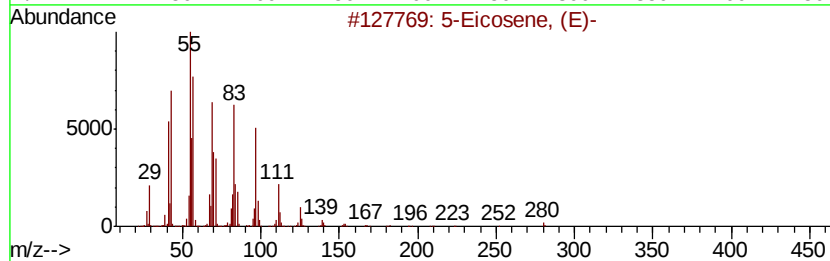
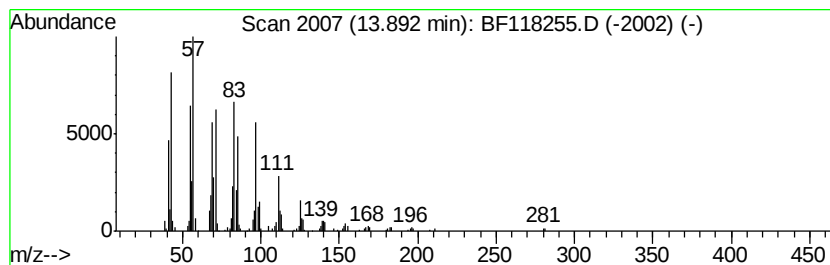
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 5-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.89	12.65 ng	538255	Chrysene-d12	14.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-		280	C20H40	074685-30-6	96
2	Heptafluorobutyric acid, n-octadecyl ester		466	C22H37F7O2	000400-57-7	94
3	Heptadecyl heptafluorobutyrate		452	C21H35F7O2	959085-66-6	94
4	Pentafluoropropionic acid, octadecyl ester		416	C21H37F5O2	959261-25-7	94
5	Tricosyl trifluoroacetate		436	C25H47F3O2	1000351-75-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
Data File : BF118255.D
Acq On : 18 Dec 2019 13:28
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Sample : K6324-01
Misc :
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Instrument :
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ClientSampleId :
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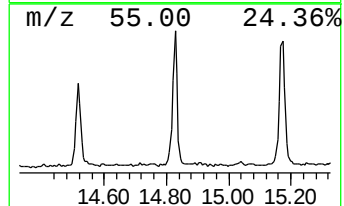
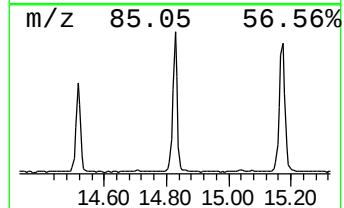
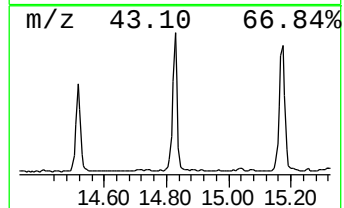
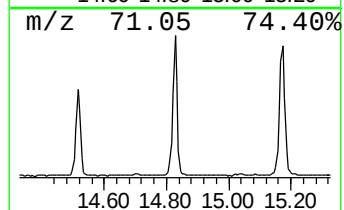
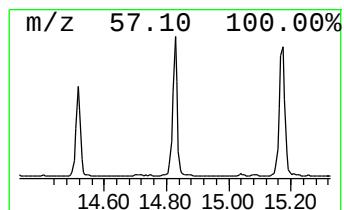
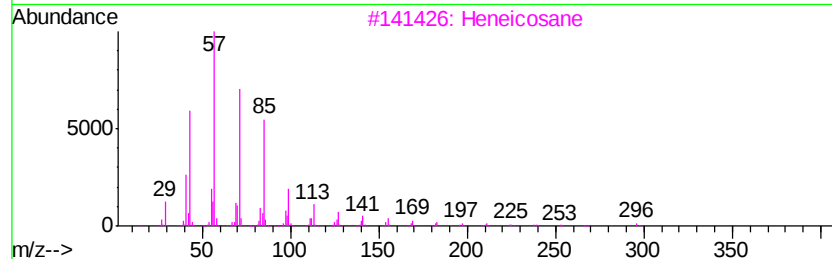
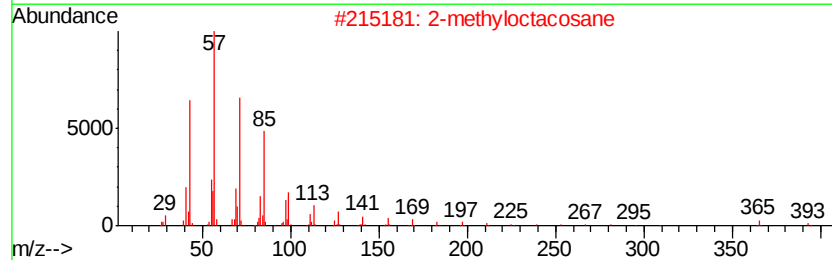
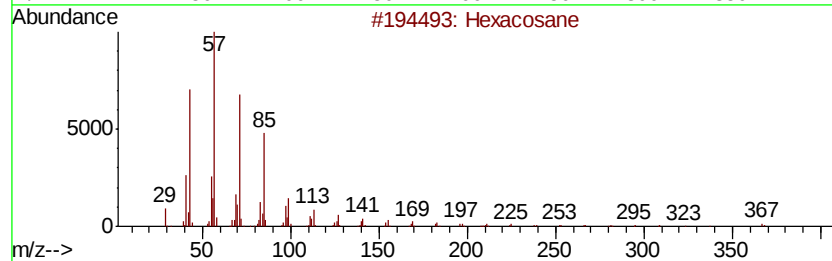
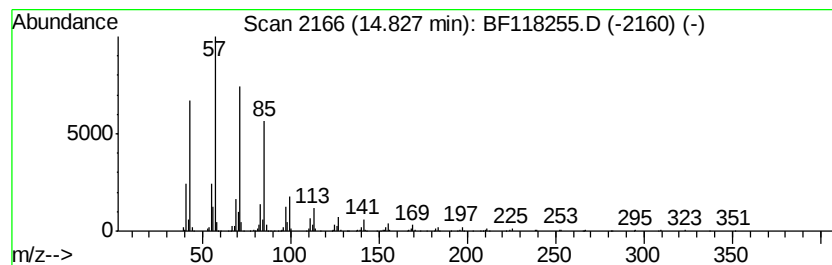
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	9.84 ng	992627	Perylene-d12	15.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	94
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
 Data File : BF118255.D
 Acq On : 18 Dec 2019 13:28
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Instrument :
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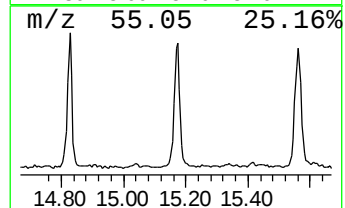
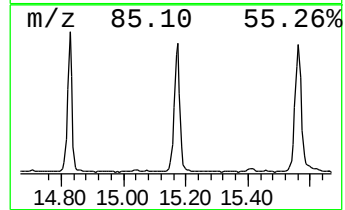
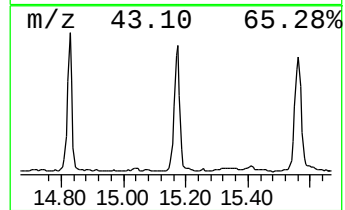
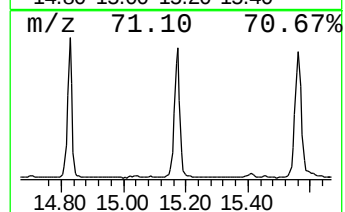
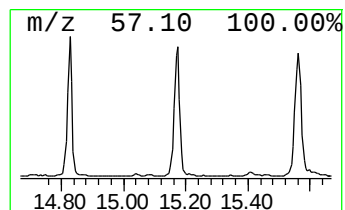
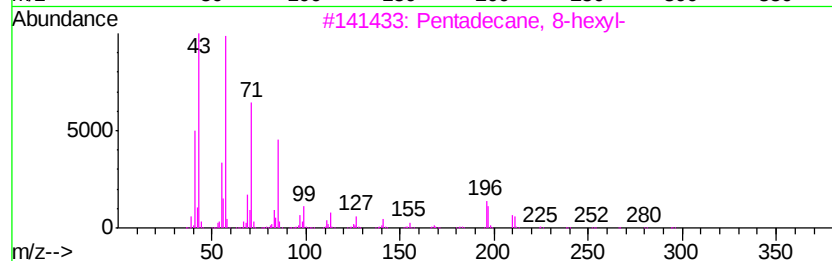
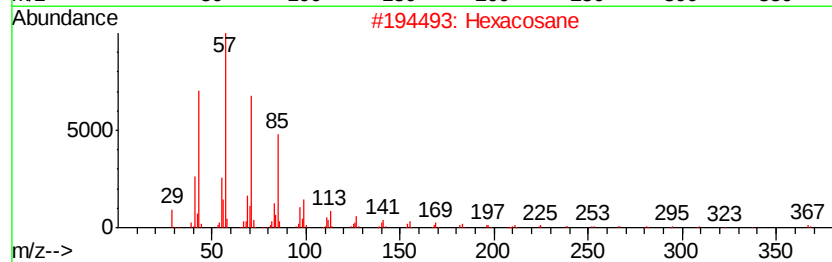
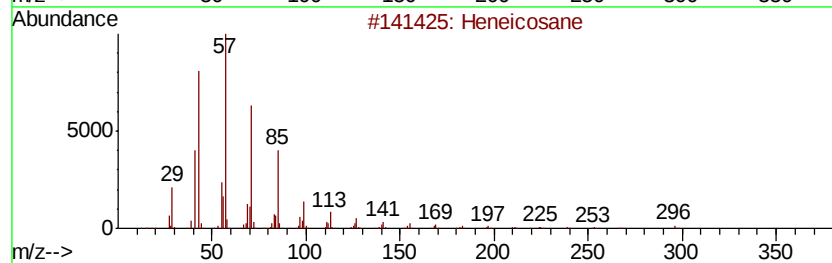
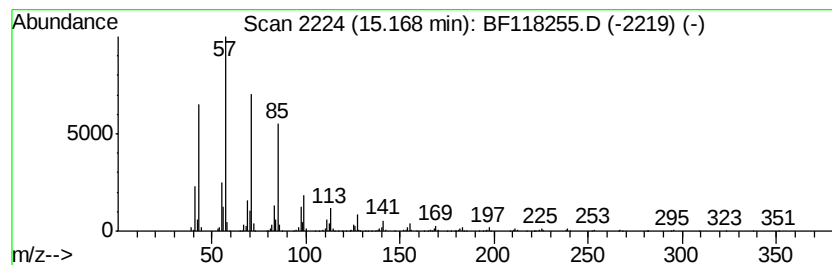
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 13 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	11.72 ng	1182380	Perylene-d12	15.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	97
2	Hexacosane		366	C26H54	000630-01-3	94
3	Pentadecane, 8-hexyl-		296	C21H44	013475-75-7	94
4	Tetracosane		338	C24H50	000646-31-1	91
5	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
Data File : BF118255.D
Acq On : 18 Dec 2019 13:28
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ClientSampleId :
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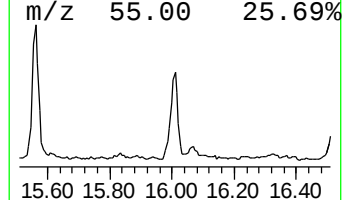
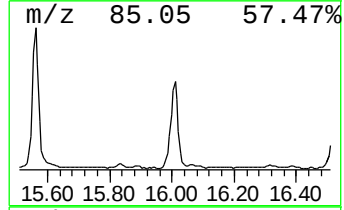
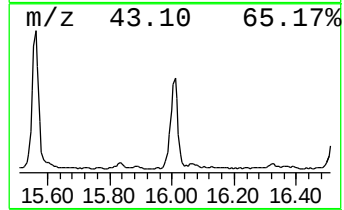
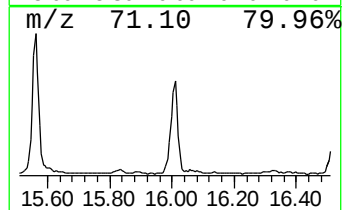
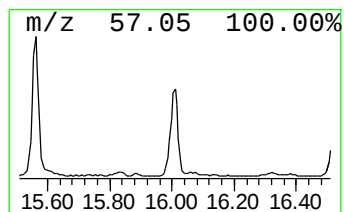
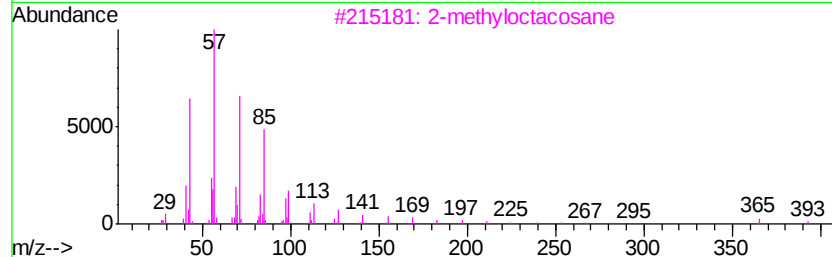
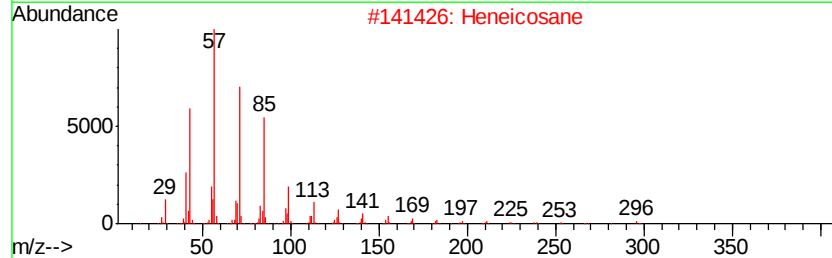
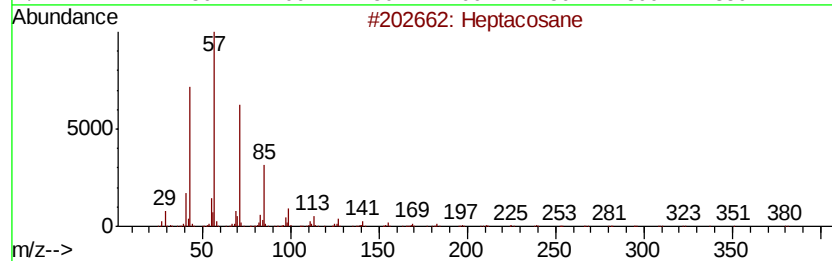
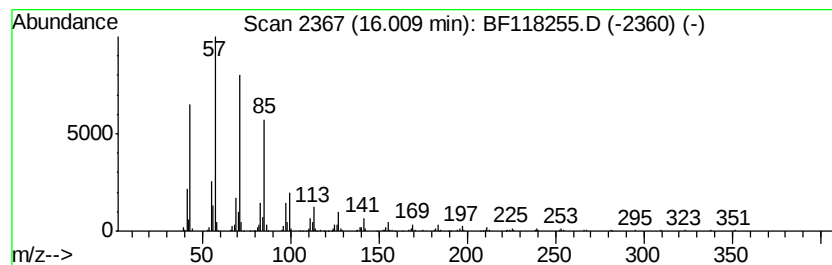
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	9.21 ng	928440	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		triacontane	422	C30H62	000638-68-6	91
5		Docosane	310	C22H46	000629-97-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
Data File : BF118255.D
Acq On : 18 Dec 2019 13:28
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Sample : K6324-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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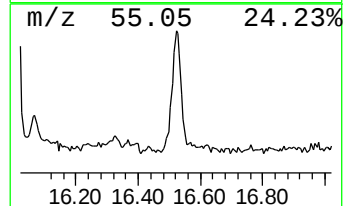
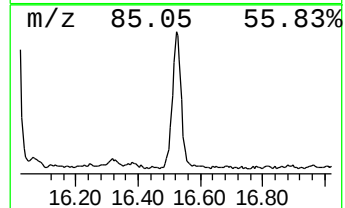
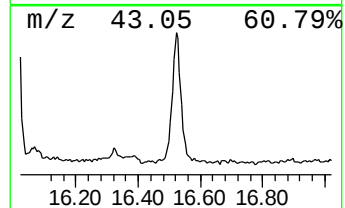
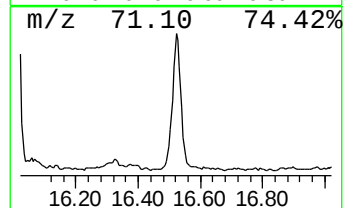
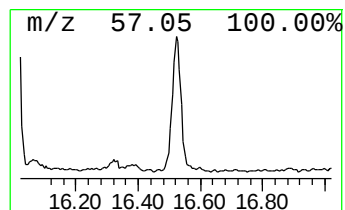
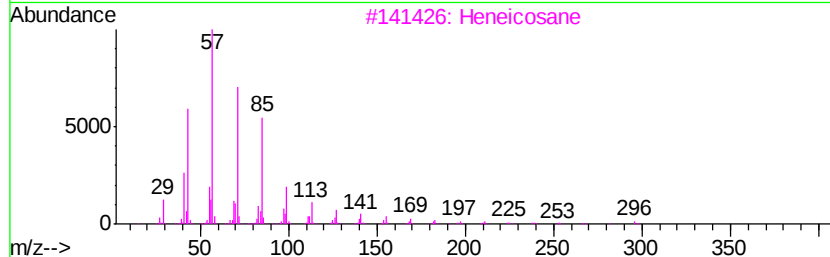
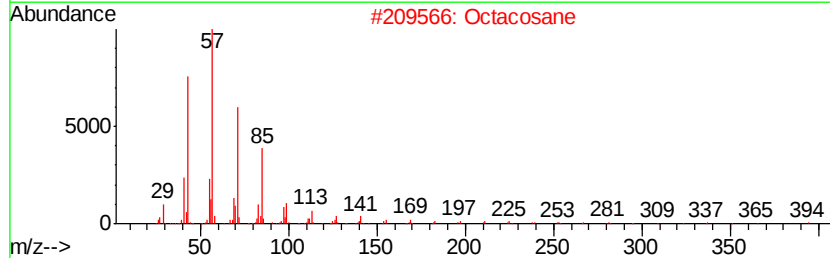
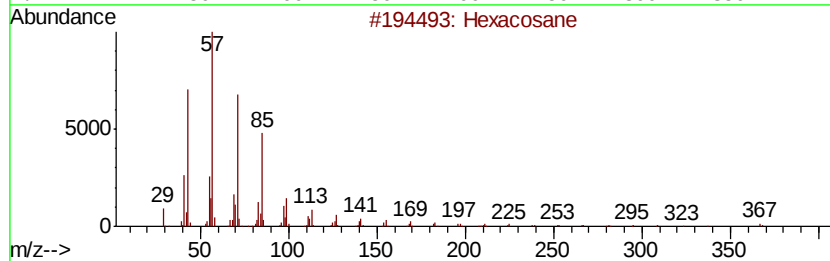
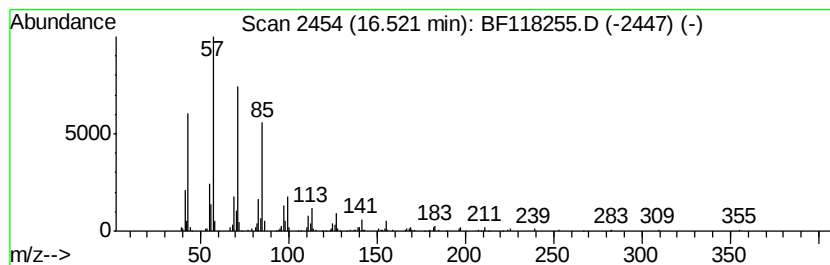
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	5.40 ng	544887	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121819\
Data File : BF118255.D
Acq On : 18 Dec 2019 13:28
Operator : JU
Sample : K6324-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-9

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	19.3	ng	565026	1	6.86	586369	20.0
2-Pentanone, 4-hy...	5.07	13.9	ng	406880	1	6.86	586369	20.0
unknown6.63	6.63	83.0	ng	2432740	1	6.86	586369	20.0
Propanoic acid, 2...	10.31	2.0	ng	93442	3	9.91	930345	20.0
n-Hexadecanoic acid	11.93	13.4	ng	669947	4	11.40	997947	20.0
Octadecanoic acid	12.72	6.3	ng	312629	4	11.40	997947	20.0
Hexanedioic acid,...	13.53	2.7	ng	116609	5	14.06	850884	20.0
5-Eicosene, (E)-	13.89	12.7	ng	538255	5	14.06	850884	20.0
2-methyloctacosane	14.83	9.8	ng	992627	6	15.55	2017180	20.0
Heneicosane	15.17	11.7	ng	1182380	6	15.55	2017180	20.0
Heptacosane	16.01	9.2	ng	928440	6	15.55	2017180	20.0
Hexacosane	16.52	5.4	ng	544887	6	15.55	2017180	20.0