

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
 Data File : BF120388.D
 Acq On : 21 May 2020 18:31
 Operator : MA/SJ
 Sample : L2718-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12017

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-BF051420.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	5.193	525	528	555	rBV	3814651	4408773	82.44%	9.553%
2	5.863	638	642	652	rBV	45700	142988	2.67%	0.310%
3	6.245	703	707	736	rBV	3659935	4480523	83.78%	9.708%
4	6.587	762	765	787	rBV	1082012	1339165	25.04%	2.902%
5	6.739	787	791	817	rVV	3277990	3809181	71.23%	8.254%
6	7.157	858	862	890	rBV	2432046	2933183	54.85%	6.356%
7	7.875	980	984	1005	rBV	1338528	1702234	31.83%	3.688%
8	8.951	1162	1167	1183	rBV	4982285	5253474	98.23%	11.383%
9	9.351	1231	1235	1249	rBV	544865	520207	9.73%	1.127%
10	9.622	1276	1281	1297	rBV	1814453	1924346	35.98%	4.170%
11	10.416	1411	1416	1432	rBV	2792405	3167574	59.23%	6.864%
12	11.110	1530	1534	1550	rBV	1776636	2056421	38.45%	4.456%
13	11.369	1572	1578	1584	rBV4	29115	70407	1.32%	0.153%
14	11.657	1623	1627	1646	rBV2	381988	618047	11.56%	1.339%
15	11.898	1665	1668	1674	rVB	154874	143842	2.69%	0.312%
16	12.321	1736	1740	1745	rBV	84721	99691	1.86%	0.216%
17	12.439	1756	1760	1769	rBV	150563	225171	4.21%	0.488%
18	12.545	1773	1778	1782	rBV	67120	81716	1.53%	0.177%
19	12.698	1799	1804	1819	rVB	5302166	5347995	100.00%	11.588%
20	12.933	1840	1844	1850	rBV2	44062	59843	1.12%	0.130%
21	13.245	1893	1897	1900	rBV	264559	256524	4.80%	0.556%
22	13.274	1900	1902	1905	rVB	62906	54573	1.02%	0.118%
23	13.610	1955	1959	1974	rBV2	239573	567230	10.61%	1.229%
24	13.745	1977	1982	1995	rVB	1822867	1980143	37.03%	4.291%
25	13.921	2008	2012	2016	rBV	179650	170916	3.20%	0.370%
26	14.227	2058	2064	2066	rBV	269002	289966	5.42%	0.628%
27	14.321	2074	2080	2081	rBV	108054	149378	2.79%	0.324%
28	14.380	2086	2090	2094	rBV	338139	387003	7.24%	0.839%
29	14.468	2103	2105	2107	rBV	61012	55212	1.03%	0.120%
30	14.498	2107	2110	2111	rVV	130654	138114	2.58%	0.299%
31	14.515	2111	2113	2116	rVV	357761	329135	6.15%	0.713%
32	14.551	2116	2119	2121	rVV	85778	74279	1.39%	0.161%
33	14.586	2121	2125	2129	rVB	862329	890959	16.66%	1.931%
34	14.680	2138	2141	2144	rVB	84094	89387	1.67%	0.194%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.715	2144	2147	2151	rVB2	53895	59733	1.12%	0.129%
36	14.762	2151	2155	2160	rVB2	47044	78852	1.47%	0.171%
37	14.821	2160	2165	2168	rVB	306054	336044	6.28%	0.728%
38	14.880	2168	2175	2182	rBV9	33233	88293	1.65%	0.191%
39	15.133	2213	2218	2221	rBV	948071	1327955	24.83%	2.877%
40	15.539	2282	2287	2294	rBV	171594	241807	4.52%	0.524%
41	15.639	2302	2304	2312	rVB7	32326	56224	1.05%	0.122%
42	15.974	2357	2361	2373	rVB2	83289	144035	2.69%	0.312%

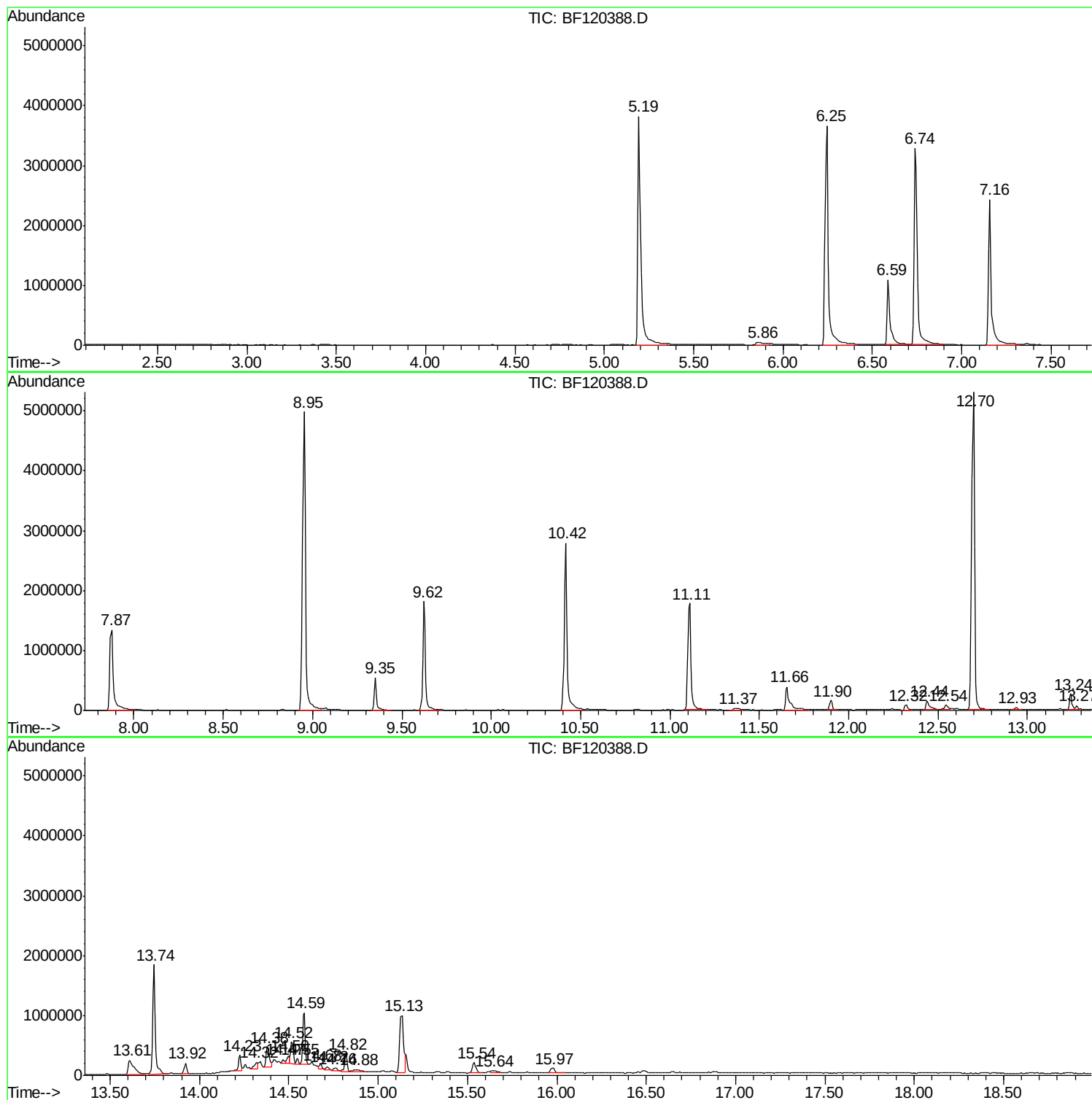
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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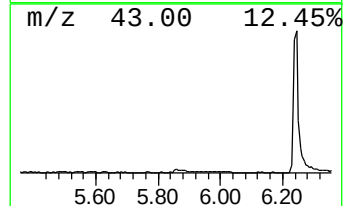
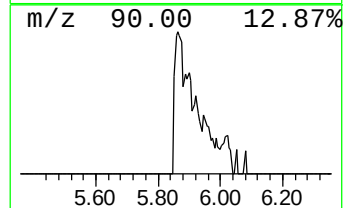
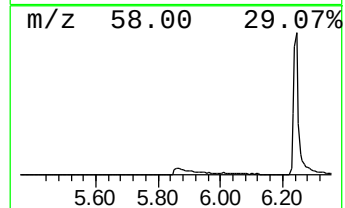
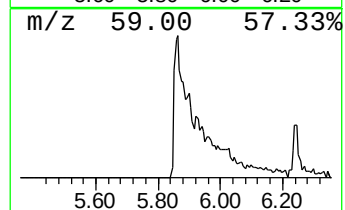
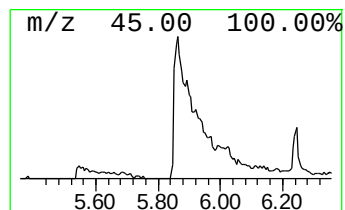
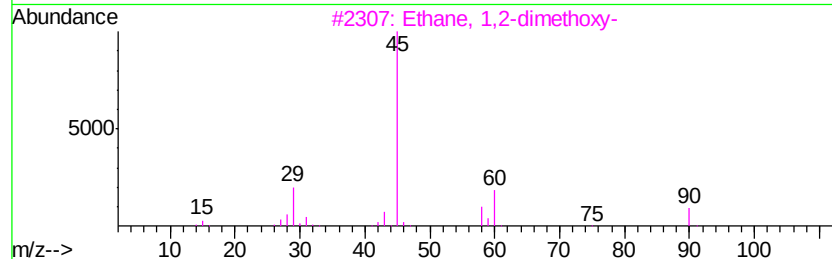
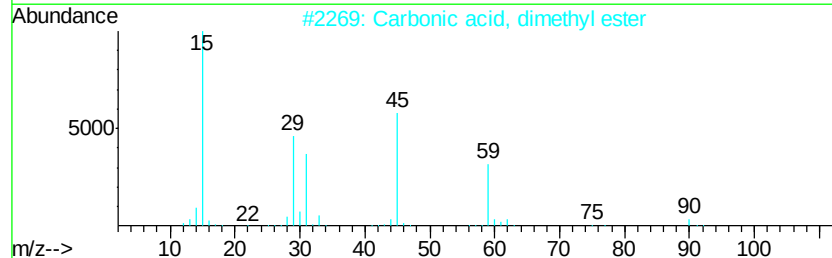
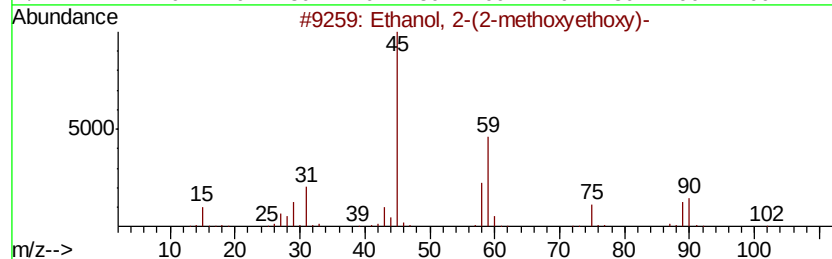
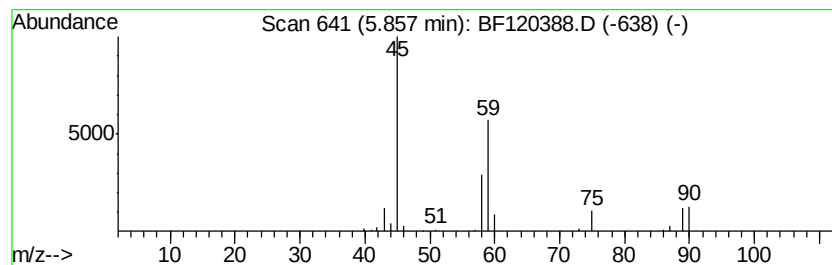
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	2.14 ng	142988	1,4-Dichlorobenzene-d4	6.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	74
2		Carbonic acid, dimethyl ester	90	C3H6O3	000616-38-6	46
3		Ethane, 1,2-dimethoxy-	90	C4H10O2	000110-71-4	38
4		Hydrazine, (2-methoxyethyl)-	90	C3H10N2O	003044-15-3	37
5		Triethylene glycol	150	C6H14O4	000112-27-6	28



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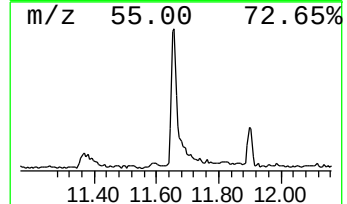
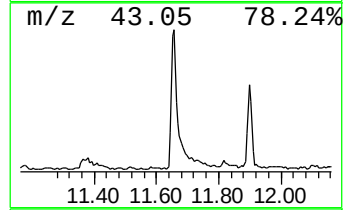
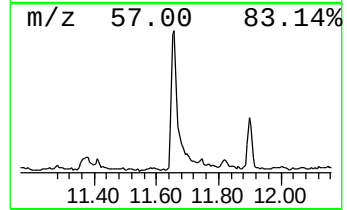
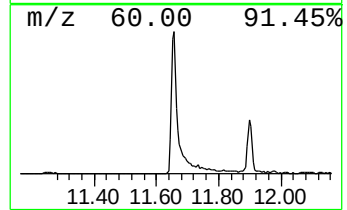
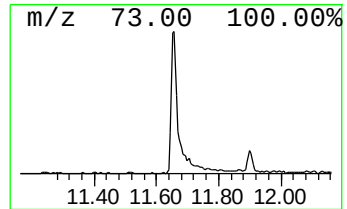
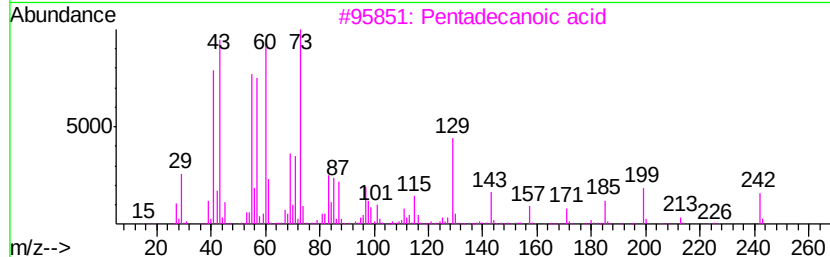
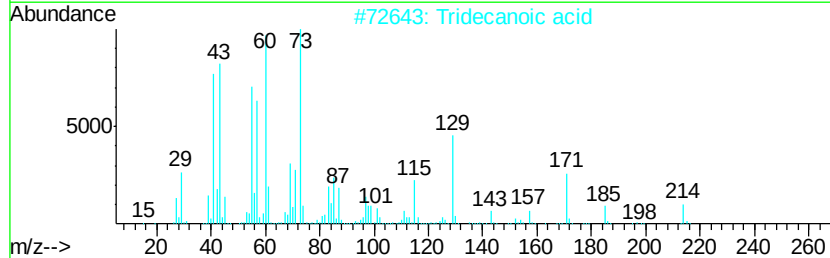
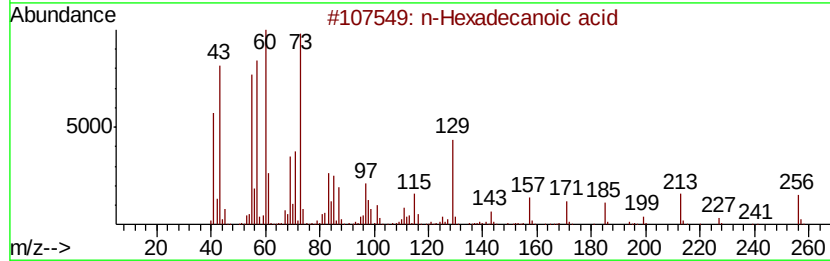
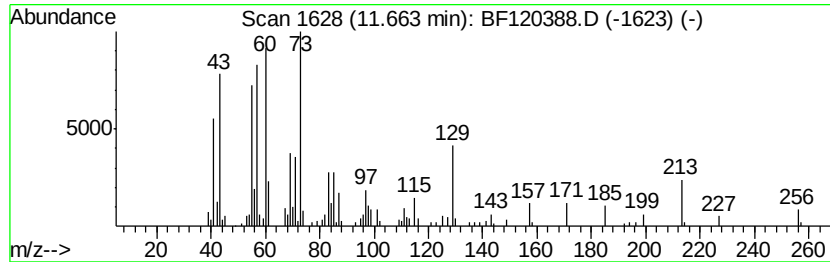
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.66	6.01 ng	618047	Phenanthrene-d10	11.11	
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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49



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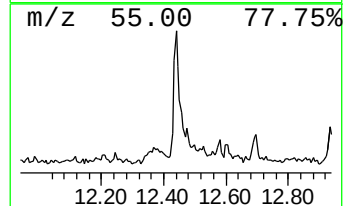
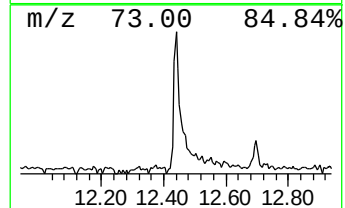
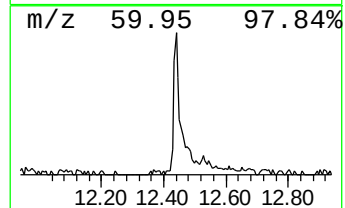
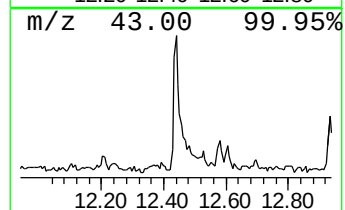
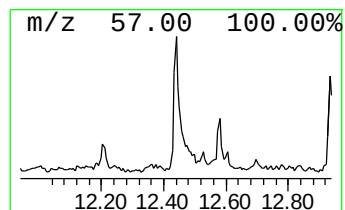
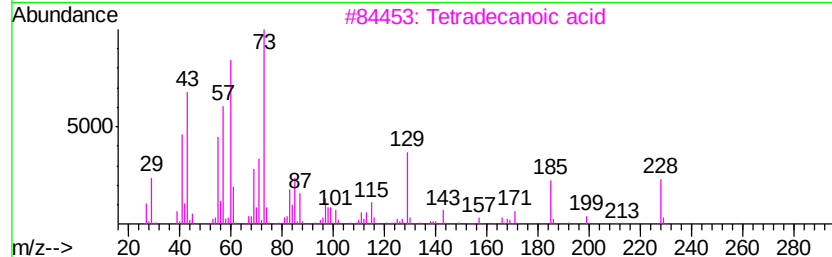
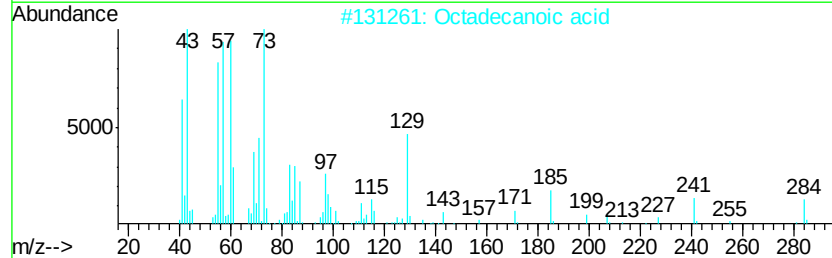
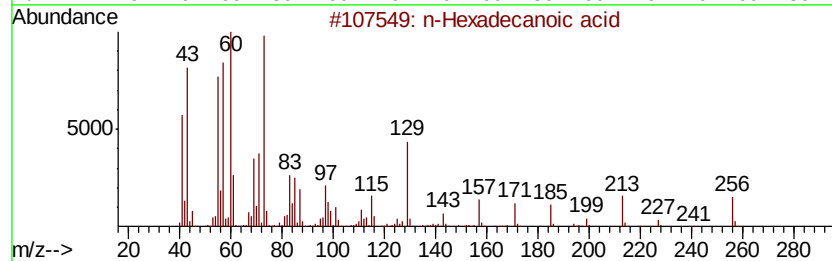
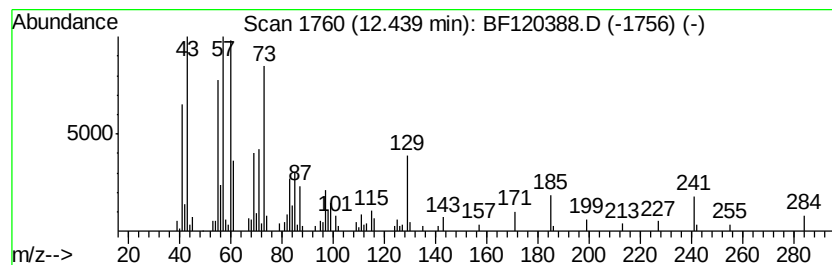
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.44	2.27 ng	225171	Chrysene-d12	13.74	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Octadecanoic acid	284	C18H36O2	000057-11-4	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	n-PROPYL NONYL ETHER	186	C12H26O	1000130-69-3	38
5	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	18



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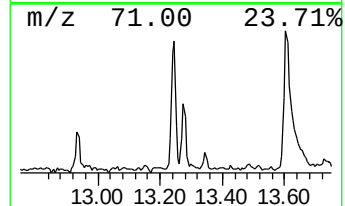
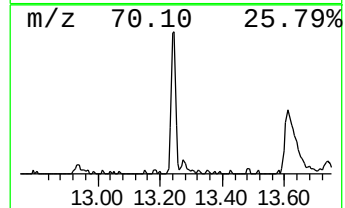
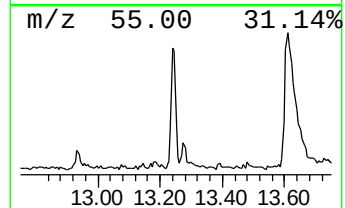
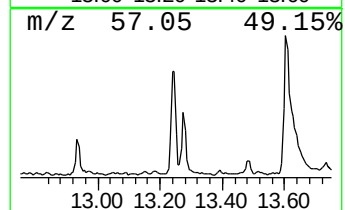
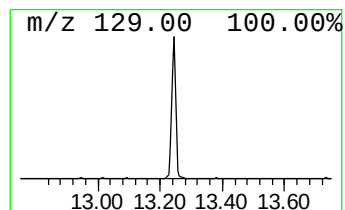
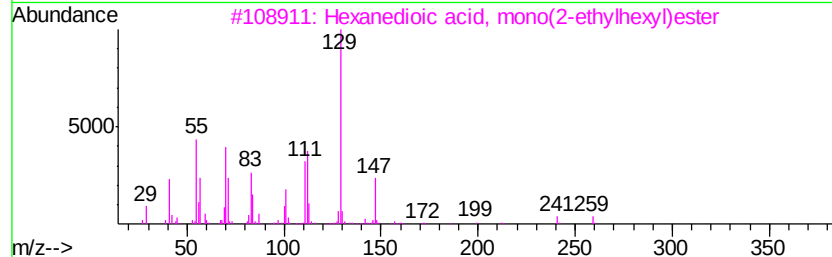
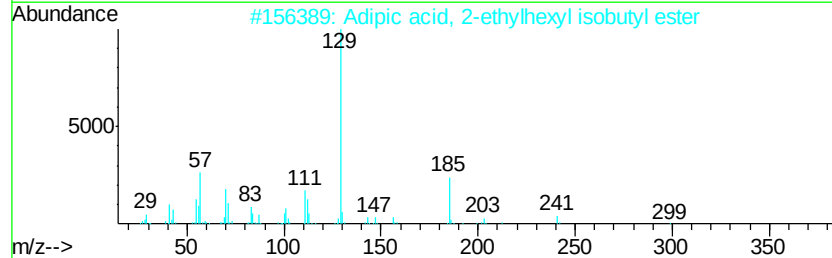
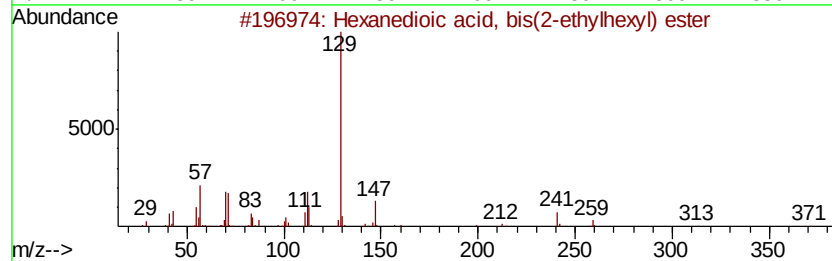
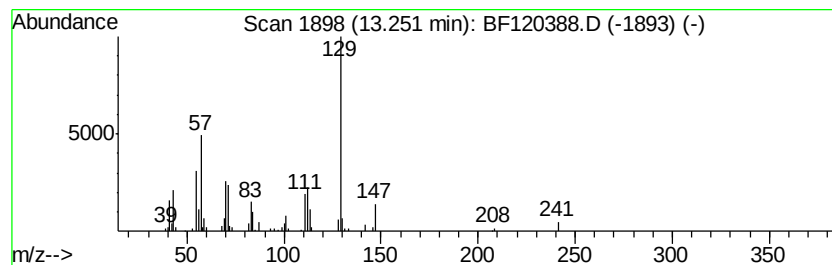
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Hexanedioic acid, bis(2-eth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.59 ng	256524	Chrysene-d12	13.74

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 isobut...	314	C18H34O4	1000324-48-0	72
3		Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	62
4		Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	62
5		Adipic acid, 2-ethylhexyl isohex...	342	C20H38O4	1000324-48-3	59



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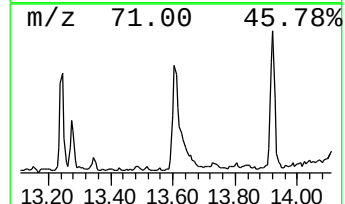
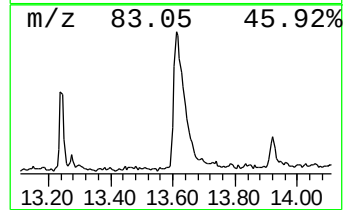
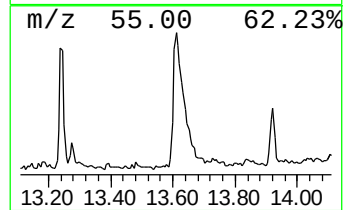
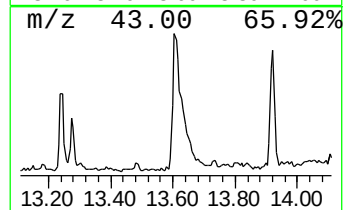
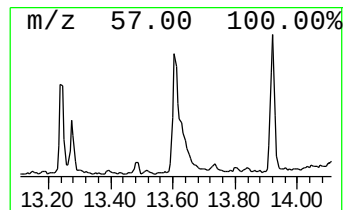
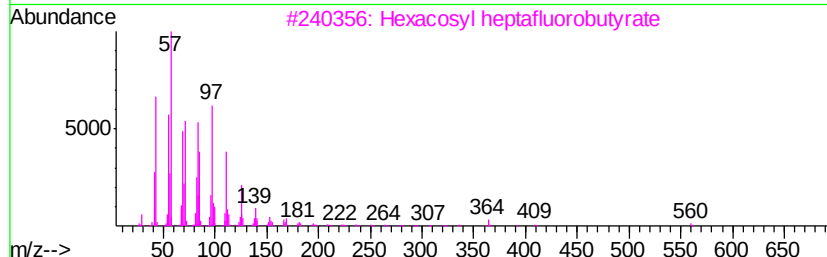
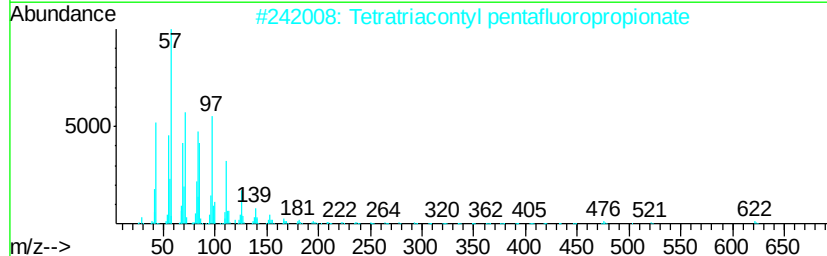
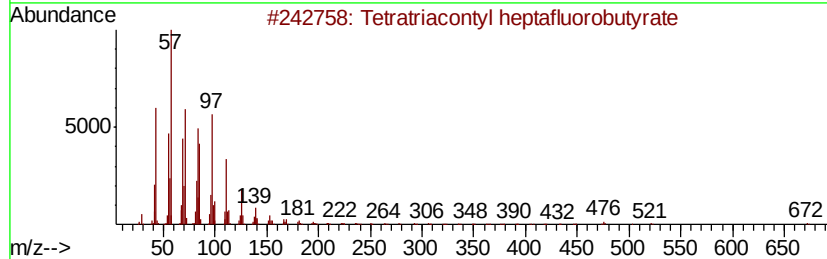
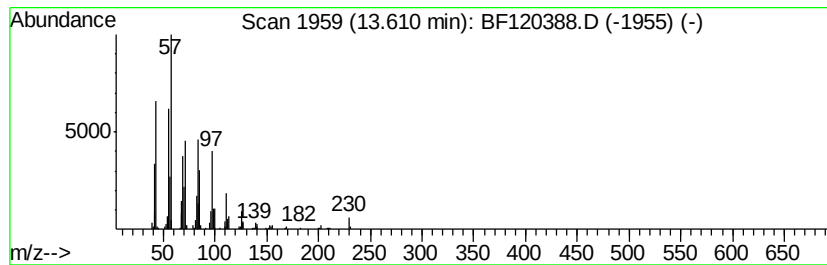
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tetratriacontyl heptafluoro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	5.73 ng	567230	Chrysene-d12	13.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	91
2		Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	91
3		Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	91
4		Triacetyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	91
5		Triacetyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120388.D
Acq On : 21 May 2020 18:31
Operator : MA/SJ
Sample : L2718-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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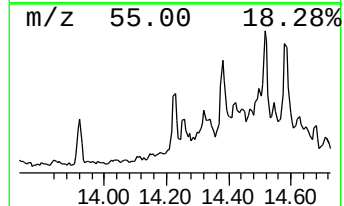
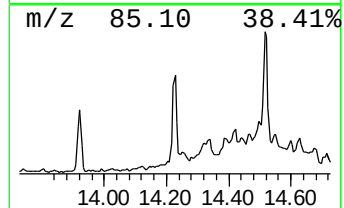
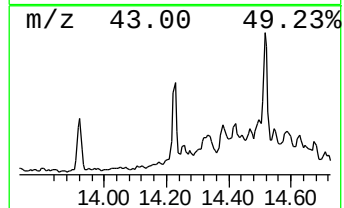
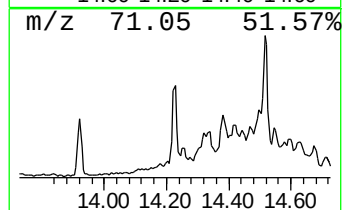
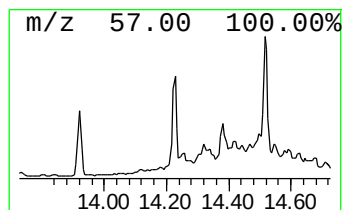
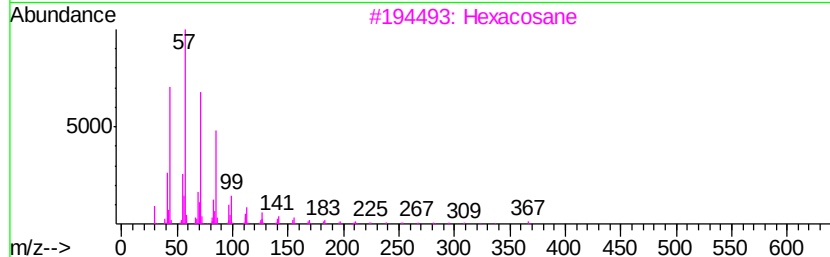
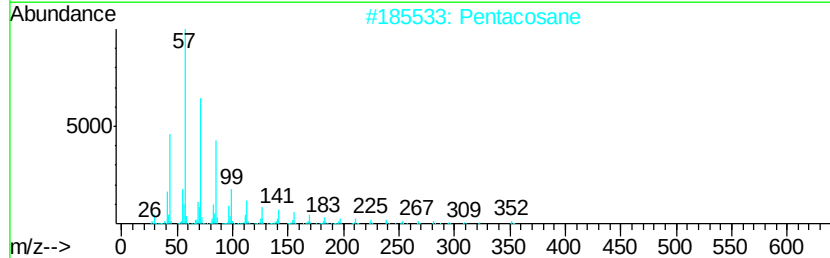
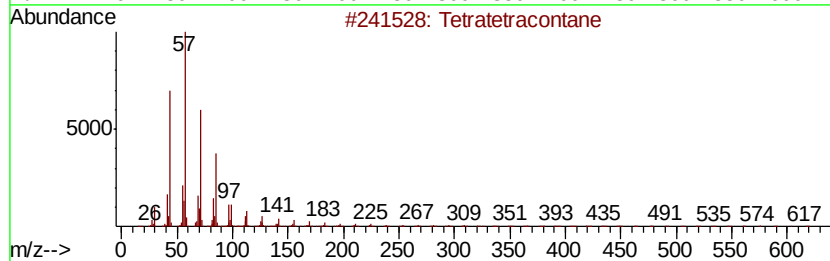
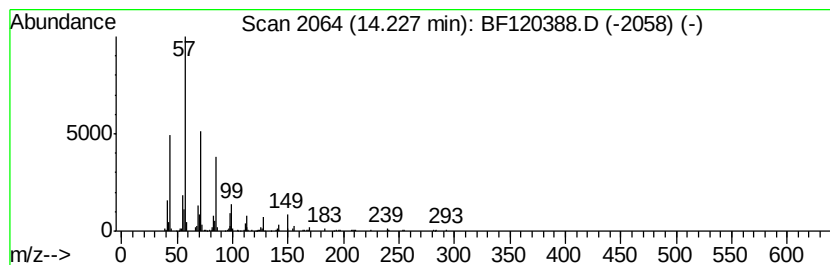
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetratetracontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.23	2.93 ng	289966	Chrysene-d12	13.74

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	91
2		Pentacosane	352	C25H52	000629-99-2	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120388.D
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Misc :
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Instrument :
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ClientSampled :
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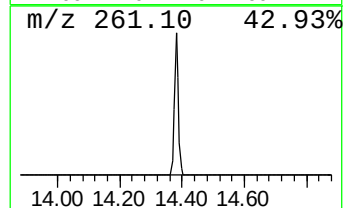
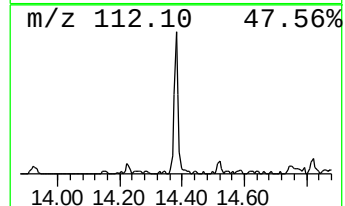
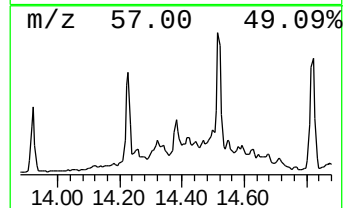
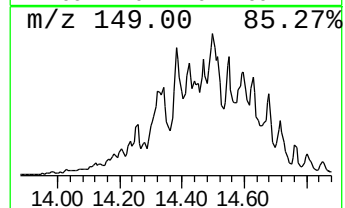
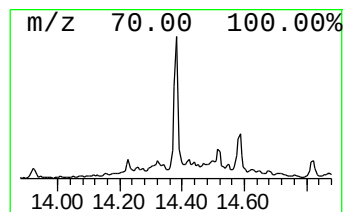
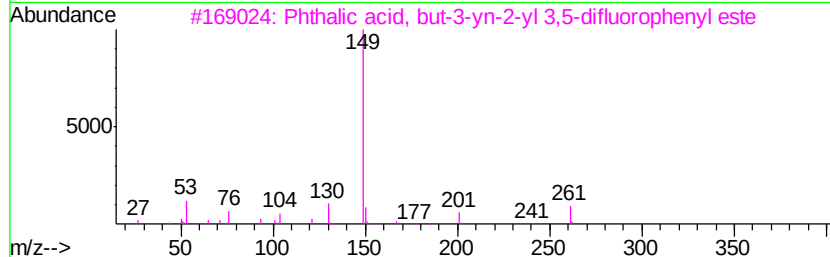
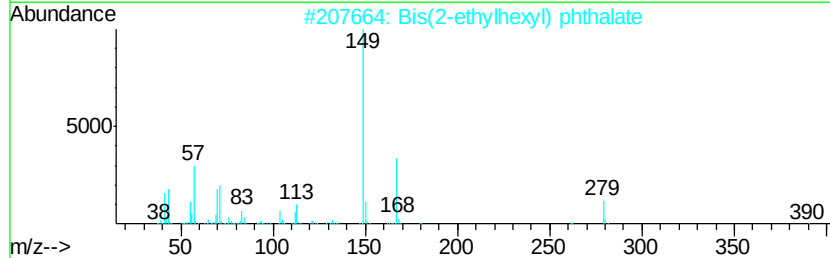
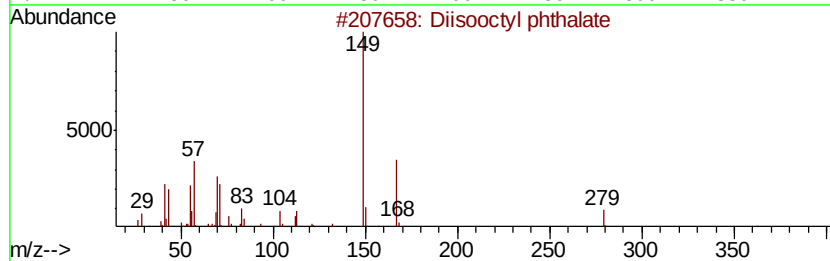
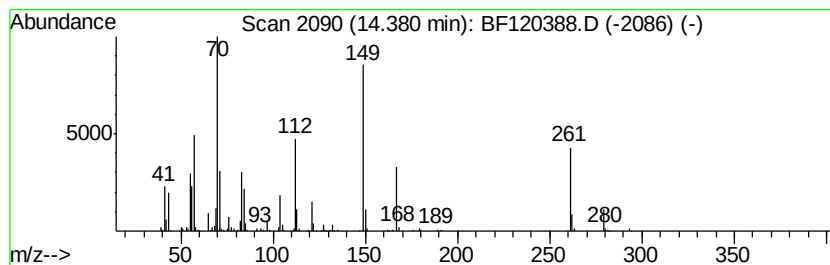
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown14.38 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	3.91 ng	387003	Chrysene-d12	13.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diisooctyl phthalate	390	C24H38O4	000131-20-4	35
2		Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	35
3		Phthalic acid, but-3-yn-2-yl 3,5...	330	C18H12F2O4	1000315-75-6	35
4		Phthalic acid, di(oct-3-yl) ester	390	C24H38O4	1000377-72-3	27
5		Phthalic acid, di(6-methylhept-2...	390	C24H38O4	1000377-97-3	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120388.D
Acq On : 21 May 2020 18:31
Operator : MA/SJ
Sample : L2718-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

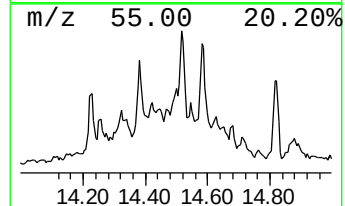
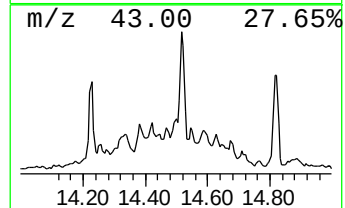
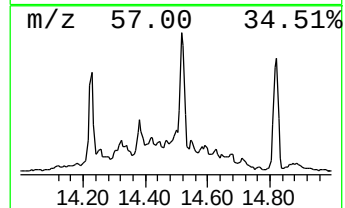
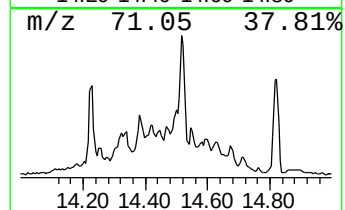
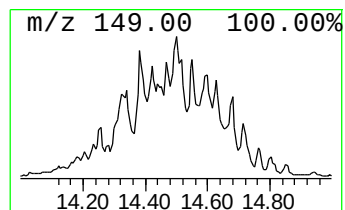
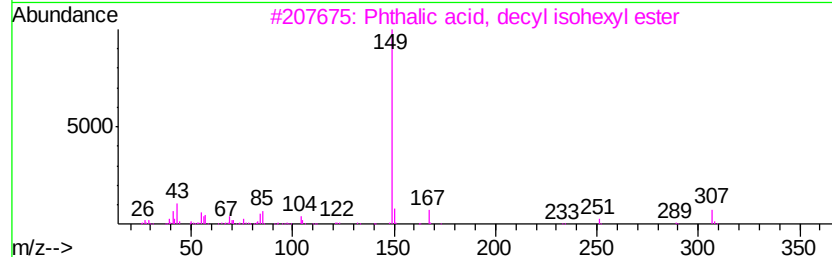
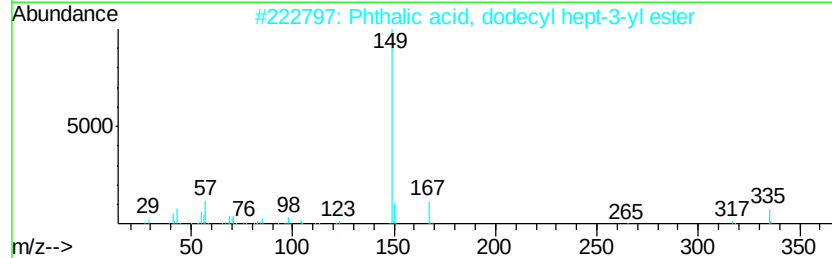
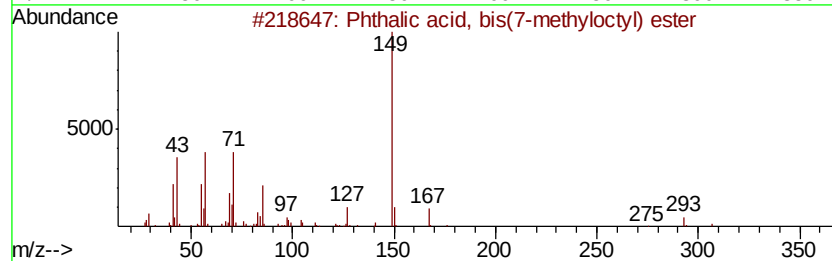
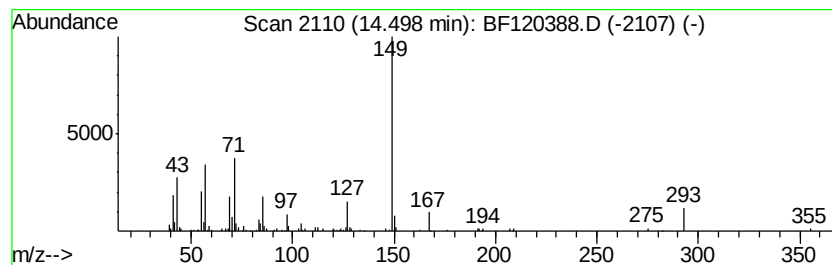
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phthalic acid, bis(7-methyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.50	2.08 ng	138114	Perylene-d12	15.13		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, bis(7-methyloctyl...	418	C26H42O4	020548-62-3	64	
2	Phthalic acid, dodecyl hept-3-yl...	432	C27H44O4	1000356-99-6	53	
3	Phthalic acid, decyl isohexyl ester	390	C24H38O4	1000308-98-4	50	
4	Phthalic acid, 2-cyclohexylethyl...	402	C25H38O4	1000309-06-8	50	
5	Phthalic acid, 2-(2-methoxyethyl...	462	C28H46O5	1000314-93-5	50	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
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Misc :
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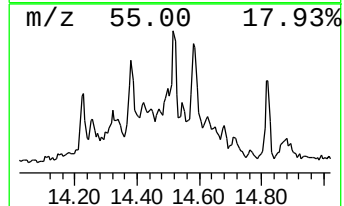
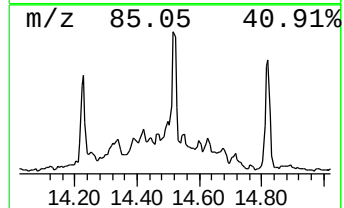
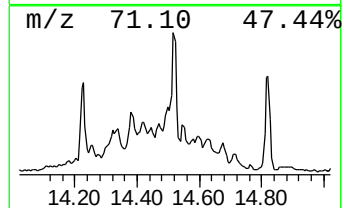
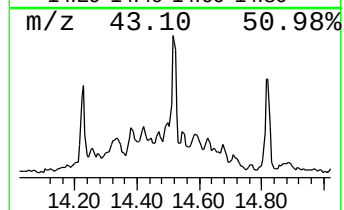
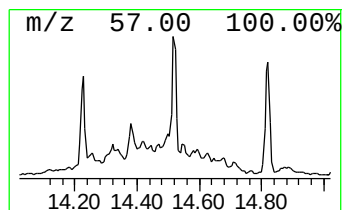
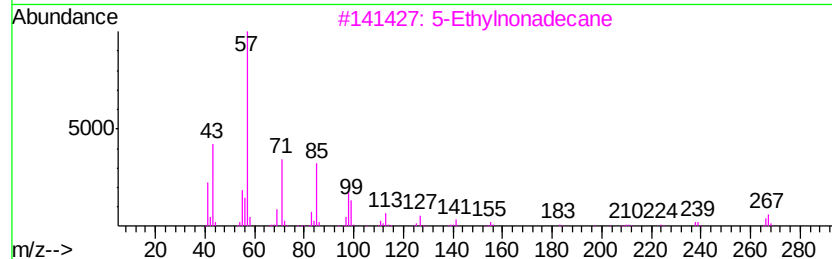
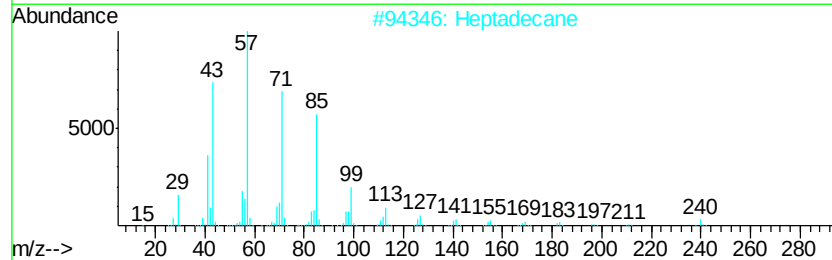
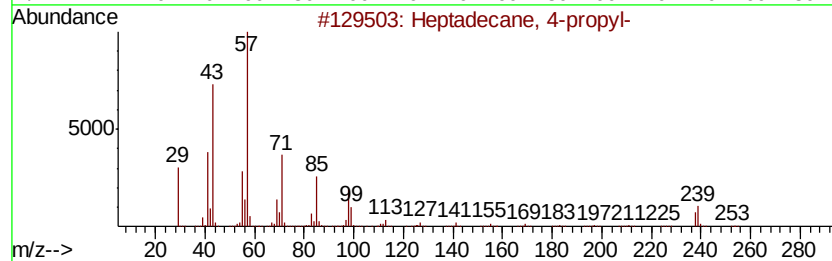
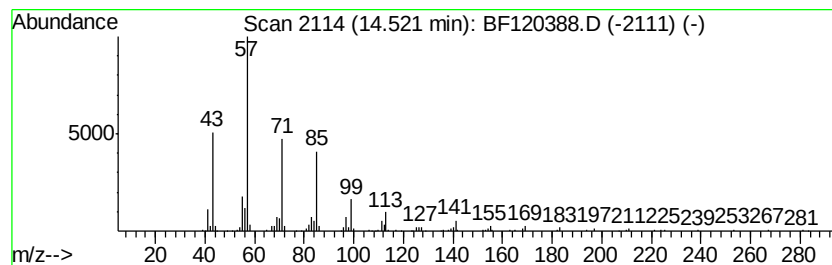
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane, 4-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.52	4.96 ng	329135	Perylene-d12	15.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 4-propyl-	282	C20H42	055044-10-5	83
2	Heptadecane	240	C17H36	000629-78-7	80
3	5-Ethylnonadecane	296	C21H44	1000360-43-1	78
4	9-methylheptadecane	254	C18H38	026741-18-4	72
5	Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
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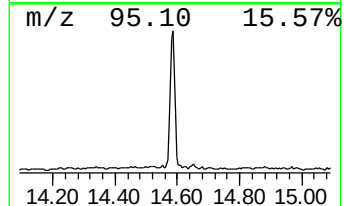
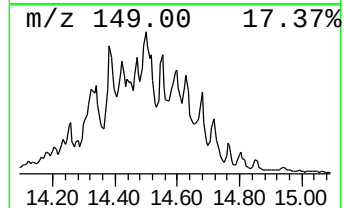
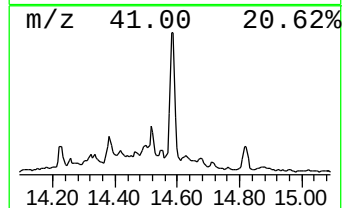
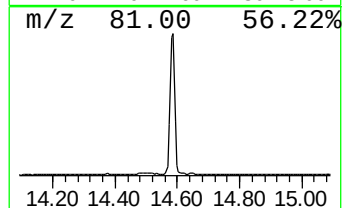
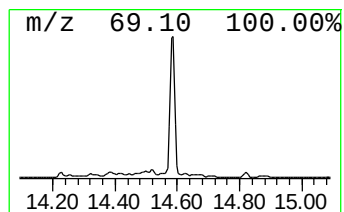
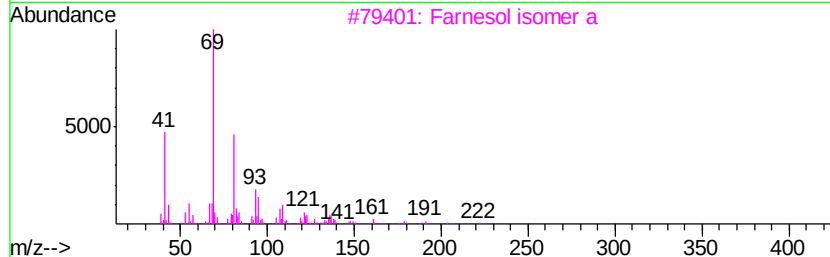
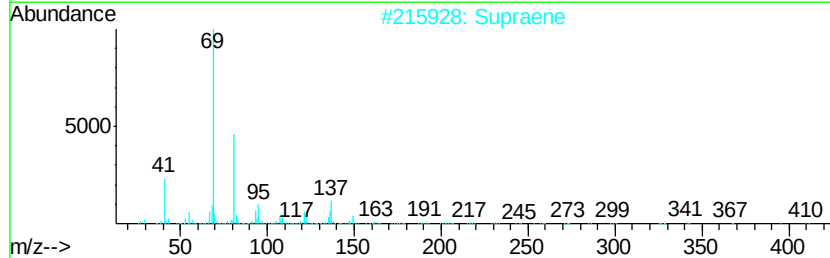
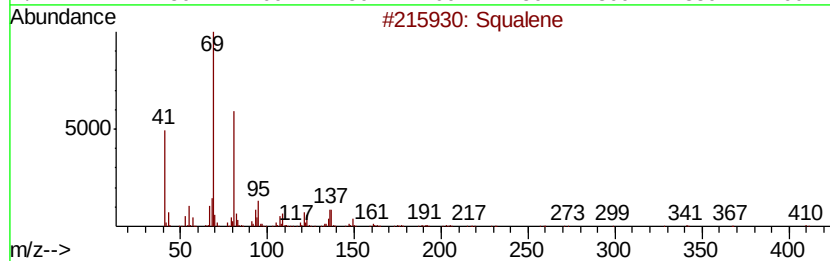
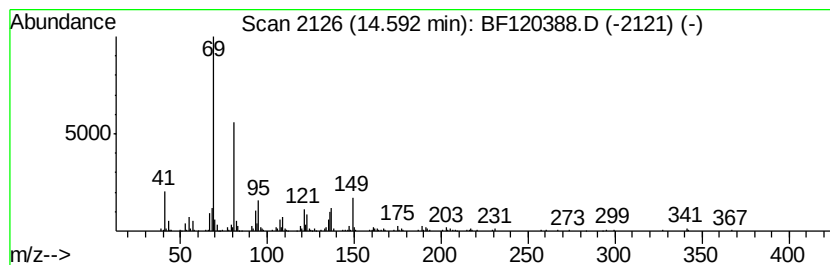
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	13.42 ng	890959	Perylene-d12	15.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	000111-02-4	91
2	Supraene	410 C30H50	007683-64-9	91
3	Farnesol isomer a	222 C15H26O	1000108-92-4	72
4	2,3,5-Trimethyl-2,3,5-hexanetric...	203 C12H17N3	003974-79-6	53
5	2,6-Octadiene, 4,5-dimethyl-	138 C10H18	018476-57-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
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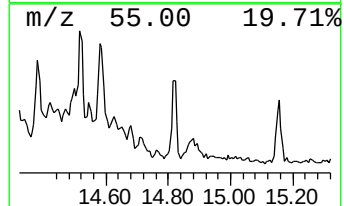
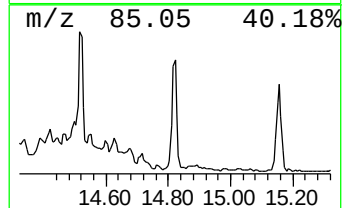
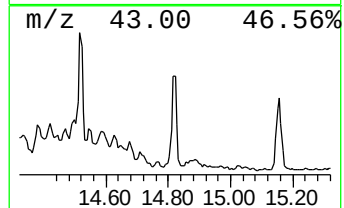
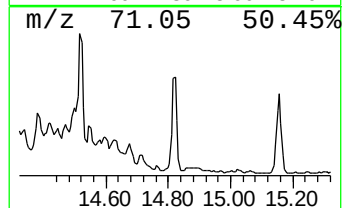
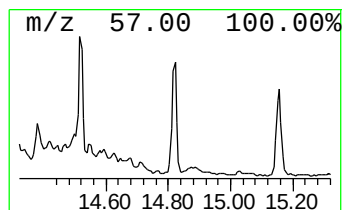
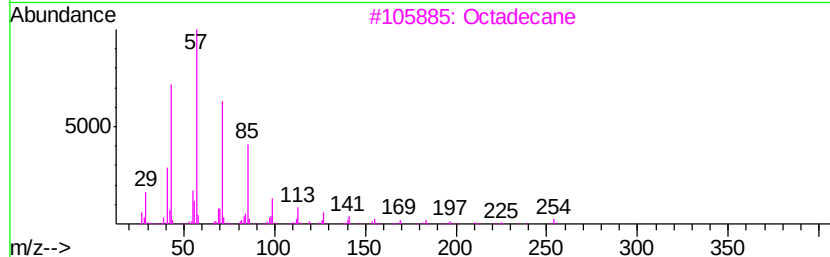
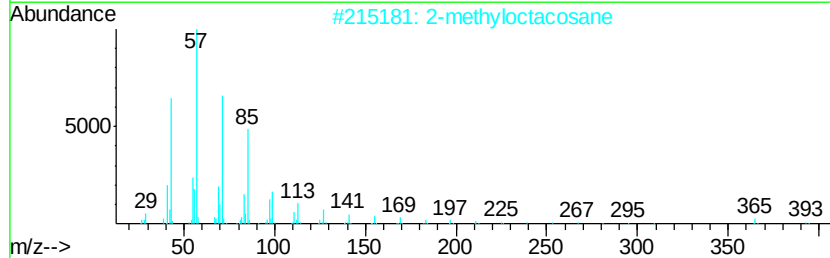
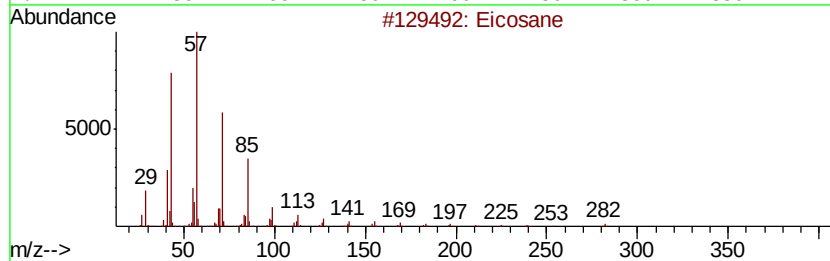
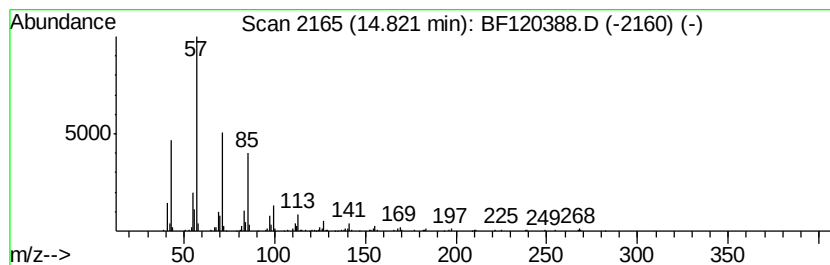
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	5.06 ng	336044	Perylene-d12	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Octadecane	254	C18H38	000593-45-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120388.D
Acq On : 21 May 2020 18:31
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Misc :
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Instrument :
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ClientSampleId :
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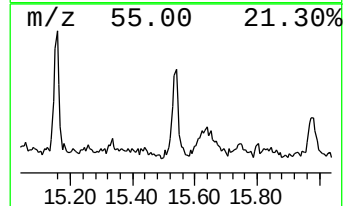
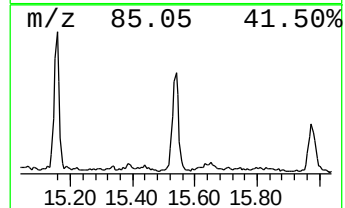
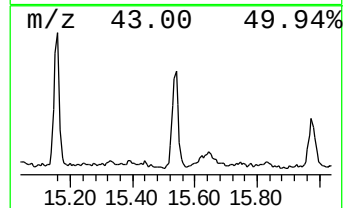
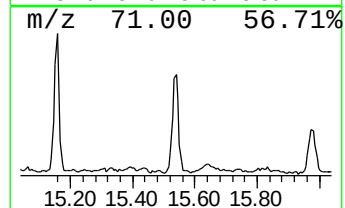
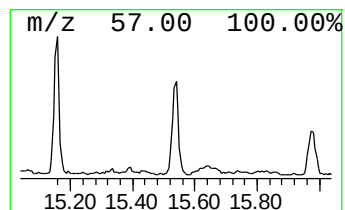
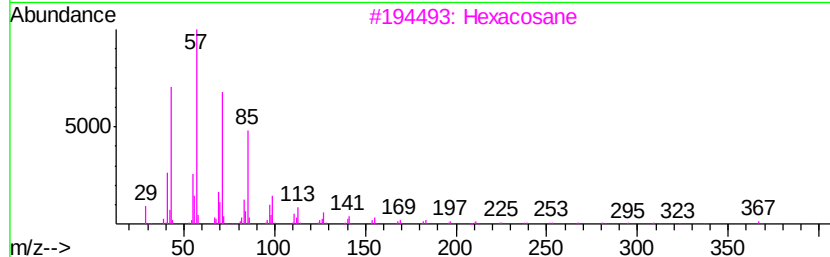
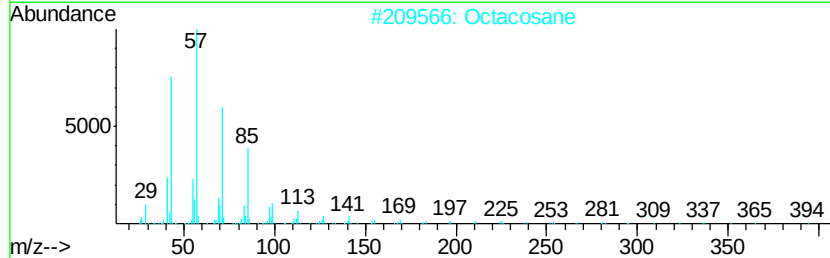
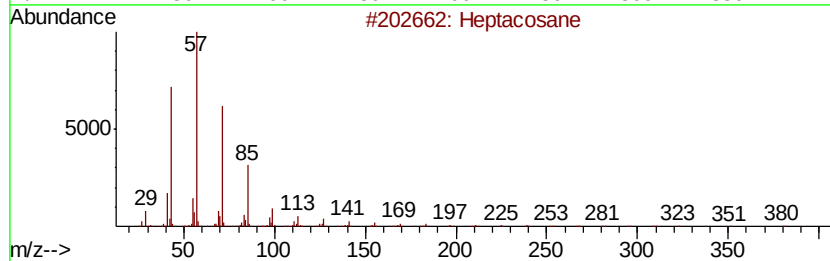
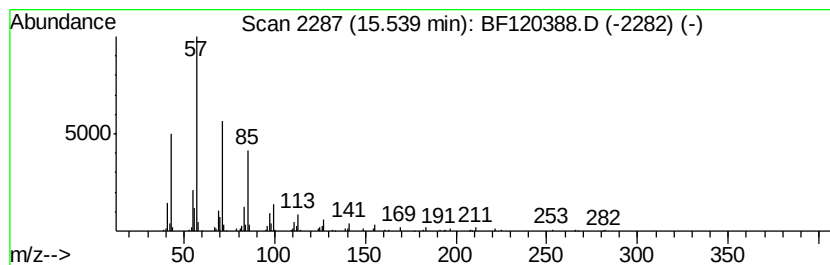
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	3.64 ng	241807	Perylene-d12	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Octadecane	254	C18H38	000593-45-3	91
5		Pentacosane	352	C25H52	000629-99-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120388.D
Acq On : 21 May 2020 18:31
Operator : MA/SJ
Sample : L2718-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-12017

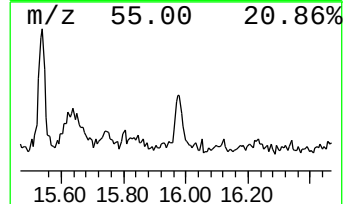
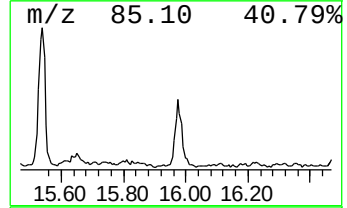
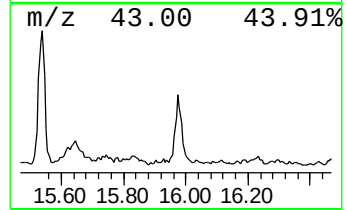
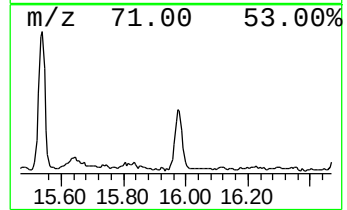
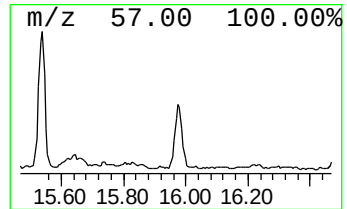
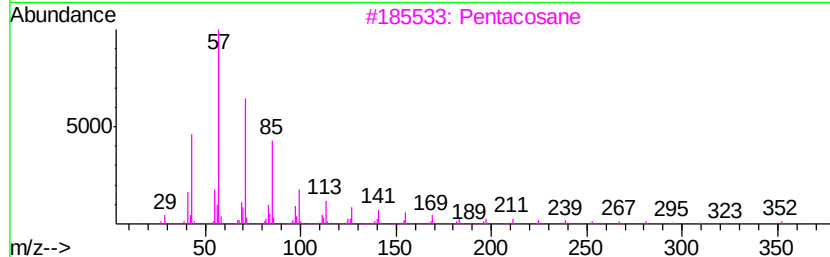
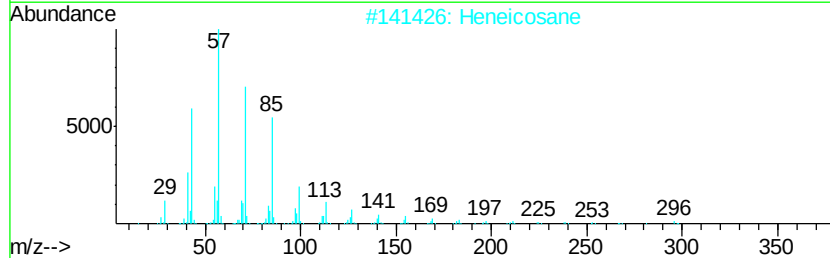
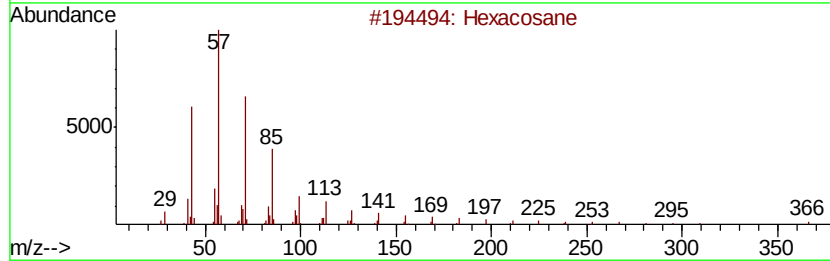
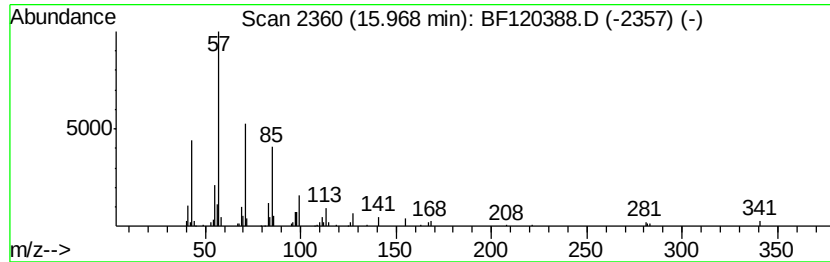
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	2.17 ng	144035	Perylene-d12	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Pentacosane	352	C25H52	000629-99-2	91
4		Hentriacontane	437	C31H64	000630-04-6	91
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052120\
 Data File : BF120388.D
 Acq On : 21 May 2020 18:31
 Operator : MA/SJ
 Sample : L2718-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12017

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051420.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
Ethanol, 2-(2-met...	5.86	2.1 ng		142988	1	6.59	1339170	20.0
n-Hexadecanoic acid	11.66	6.0 ng		618047	4	11.11	2056420	20.0
Octadecanoic acid	12.44	2.3 ng		225171	5	13.74	1980140	20.0
Hexanedioic acid,...	13.25	2.6 ng		256524	5	13.74	1980140	20.0
Tetratriacontyl h...	13.61	5.7 ng		567230	5	13.74	1980140	20.0
Tetratetracontane	14.23	2.9 ng		289966	5	13.74	1980140	20.0
unknown14.38	14.38	3.9 ng		387003	5	13.74	1980140	20.0
Phthalic acid, bi...	14.50	2.1 ng		138114	6	15.13	1327960	20.0
Heptadecane, 4-pr...	14.52	5.0 ng		329135	6	15.13	1327960	20.0
Squalene	14.59	13.4 ng		890959	6	15.13	1327960	20.0
Eicosane	14.82	5.1 ng		336044	6	15.13	1327960	20.0
Heptacosane	15.54	3.6 ng		241807	6	15.13	1327960	20.0
Hexacosane	15.97	2.2 ng		144035	6	15.13	1327960	20.0