

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
 Data File : BF119540.D
 Acq On : 26 Mar 2020 20:11
 Operator : CG/JU
 Sample : L2017-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FE-SB-35-(7-7.5)

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-BF031820.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	2.110	3	4	10	rVB	286029	273748	3.67%	0.441%
2	2.216	15	22	28	rVB	101553	126461	1.69%	0.204%
3	5.045	494	503	510	rBV	200060	258948	3.47%	0.417%
4	5.445	566	571	574	rBV	5966777	5832129	78.11%	9.390%
5	6.457	737	743	746	rBV	5721290	5800541	77.69%	9.339%
6	6.833	803	807	810	rBV	2136644	1675066	22.43%	2.697%
7	6.992	829	834	837	rBV	5321055	4644239	62.20%	7.478%
8	7.392	897	902	905	rBV	3861876	3874693	51.89%	6.239%
9	8.116	1021	1025	1029	rBV	2528594	2207040	29.56%	3.553%
10	9.198	1203	1209	1212	rBV	7709587	6965932	93.30%	11.216%
11	9.592	1271	1276	1279	rBV	967285	757216	10.14%	1.219%
12	9.880	1316	1325	1328	rBV	2901599	2636729	35.31%	4.245%
13	10.669	1453	1459	1462	rBV	5256710	4825794	64.63%	7.770%
14	11.368	1573	1578	1581	rBV	3146097	2848237	38.15%	4.586%
15	11.898	1663	1668	1686	rBV	963855	1030521	13.80%	1.659%
16	12.686	1798	1802	1814	rBV	639470	764278	10.24%	1.231%
17	12.957	1843	1848	1852	rBV	7321683	7466462	100.00%	12.022%
18	13.862	1998	2002	2018	rBV	624452	1000295	13.40%	1.611%
19	14.009	2022	2027	2030	rBV	2897829	2564120	34.34%	4.128%
20	14.180	2053	2056	2060	rBV	279835	247300	3.31%	0.398%
21	14.486	2104	2108	2111	rBV	501812	443390	5.94%	0.714%
22	14.798	2154	2161	2165	rBV	587079	619445	8.30%	0.997%
23	15.139	2214	2219	2224	rBV	643665	710714	9.52%	1.144%
24	15.474	2270	2276	2280	rBV	1875977	2380926	31.89%	3.833%
25	15.521	2280	2284	2290	rVB	547979	693262	9.29%	1.116%
26	15.962	2352	2359	2364	rBV	391308	590543	7.91%	0.951%
27	16.033	2366	2371	2390	rVV8	56814	236795	3.17%	0.381%
28	16.474	2439	2446	2453	rBV	199673	357106	4.78%	0.575%
29	17.074	2542	2548	2556	rVB	84307	171806	2.30%	0.277%
30	17.774	2663	2667	2678	rVB3	41862	105315	1.41%	0.170%

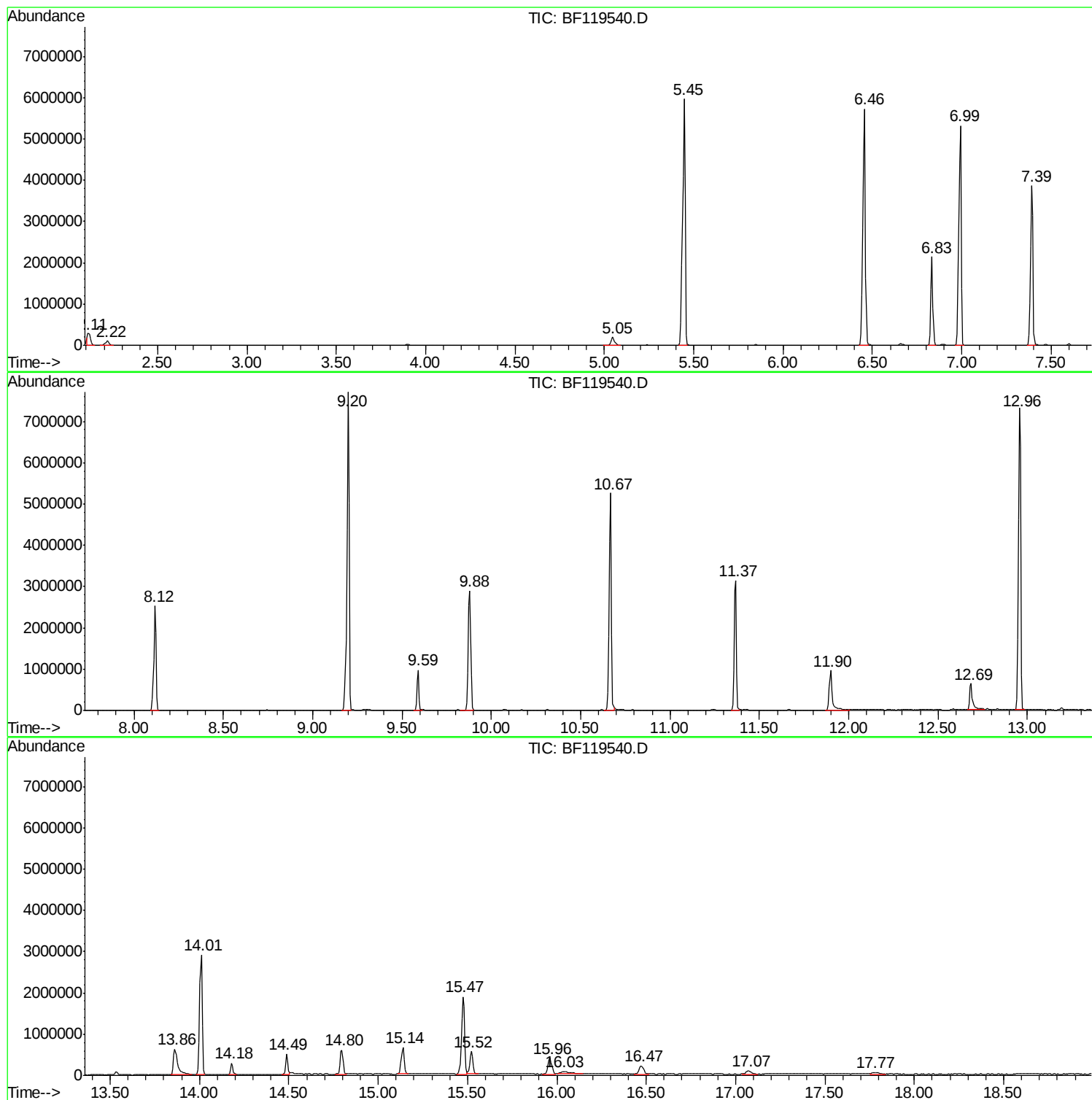
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ClientSampleId :
FE-SB-35-(7-7.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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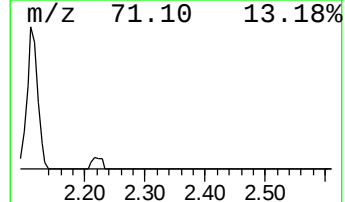
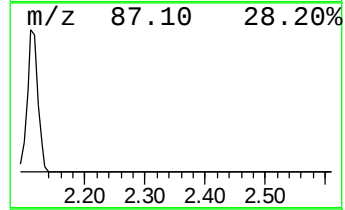
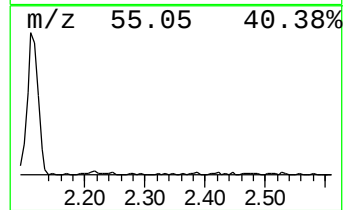
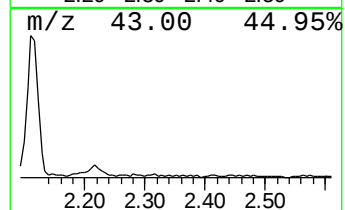
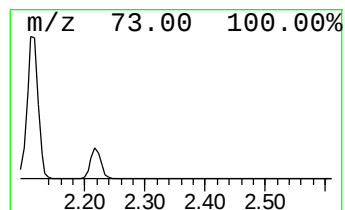
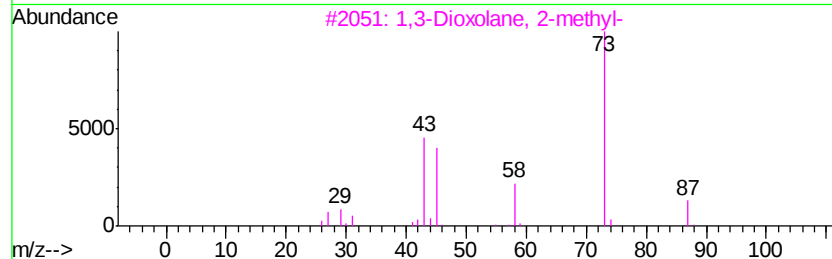
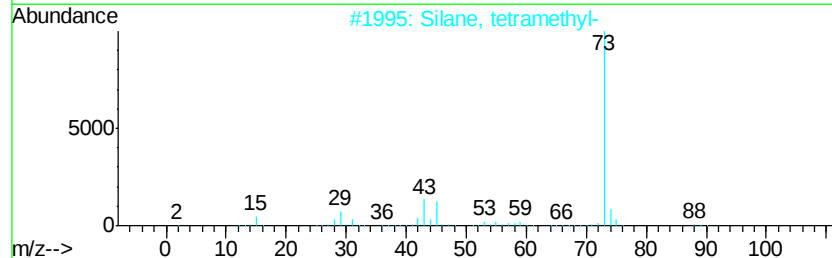
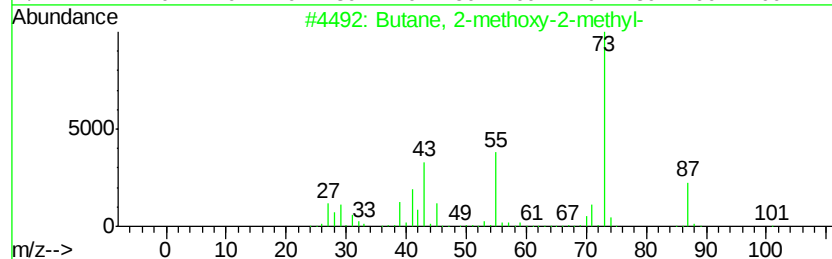
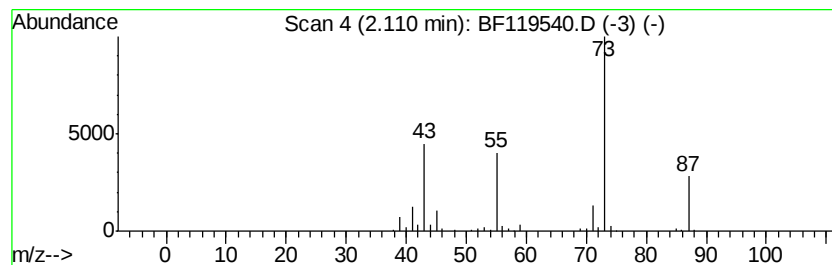
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.11	3.27 ng	273748	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	27
4			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5			3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9



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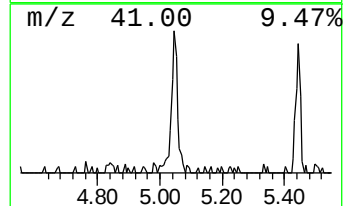
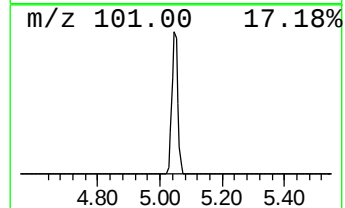
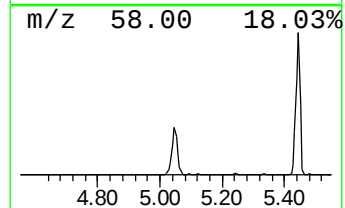
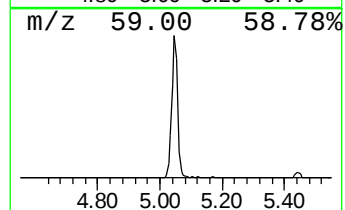
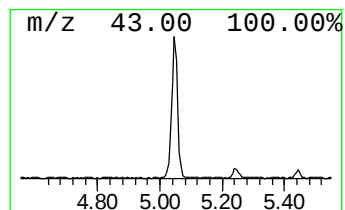
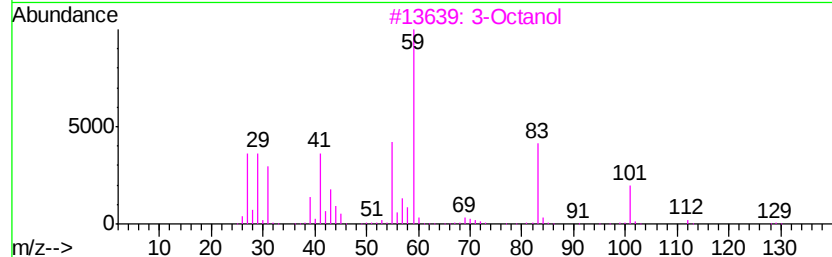
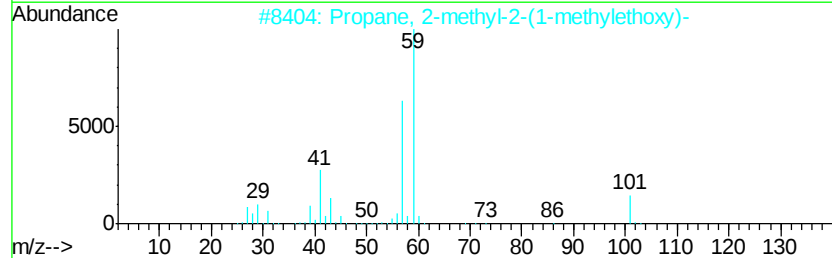
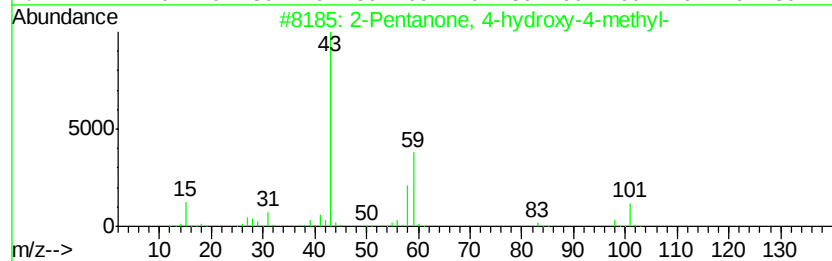
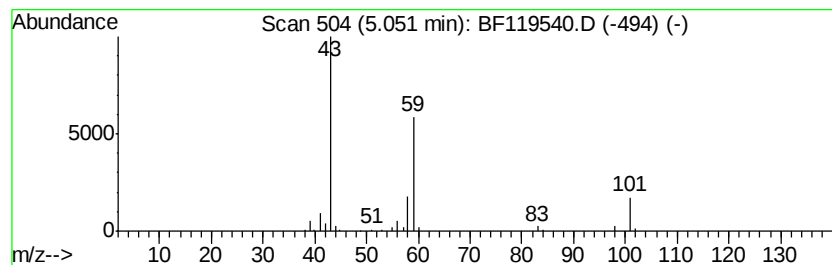
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	3.09 ng	258948	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3			3-Octanol	130	C8H18O	000589-98-0	33
4			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25



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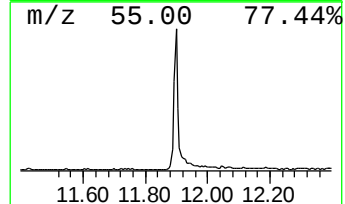
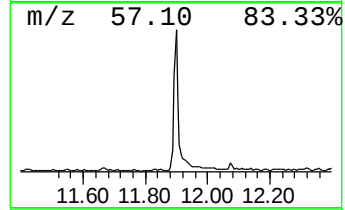
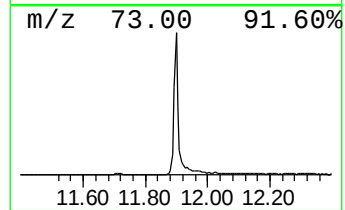
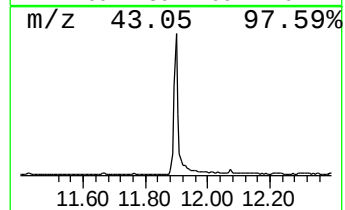
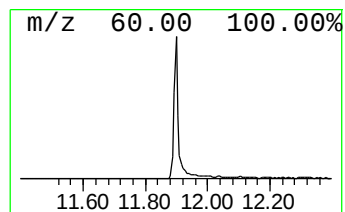
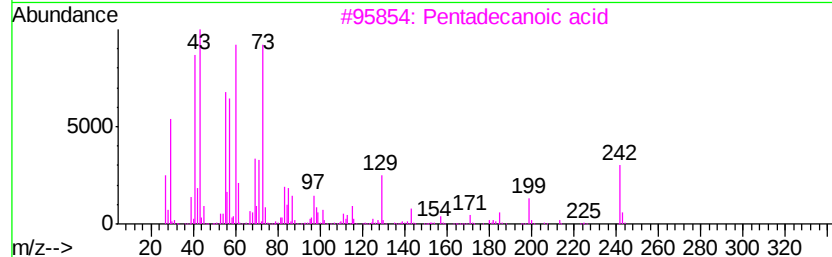
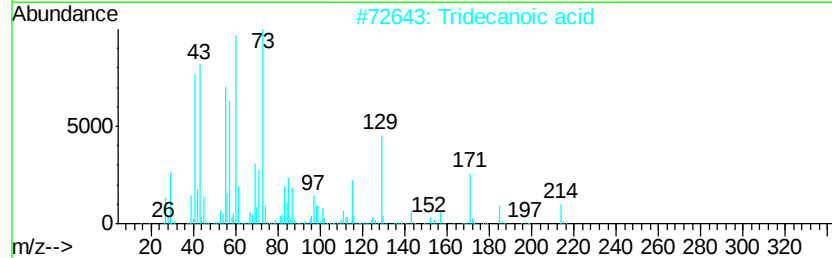
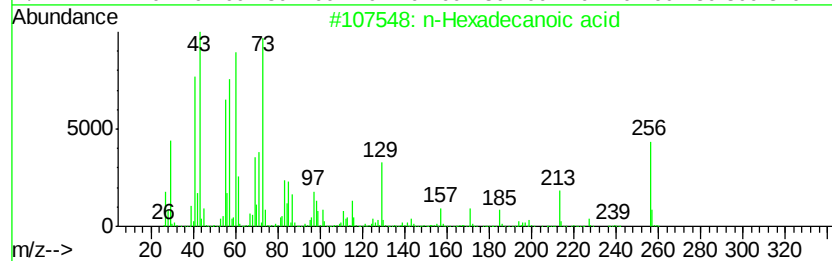
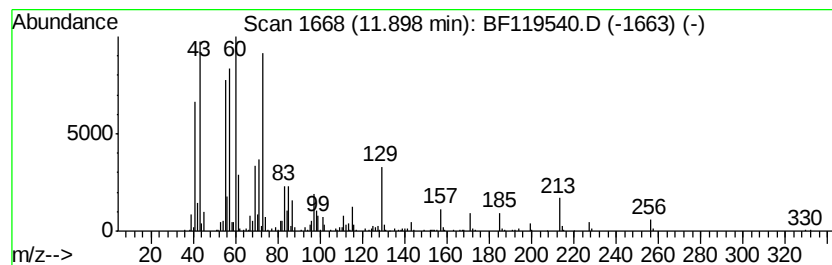
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	7.24 ng	1030520	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Octadecanoic acid	284	C18H36O2	000057-11-4	87
5		n-Decanoic acid	172	C10H20O2	000334-48-5	60



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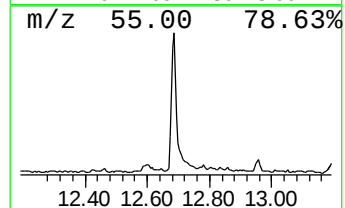
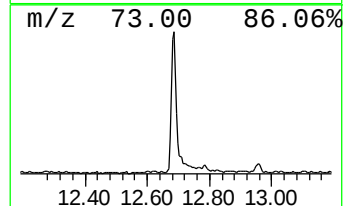
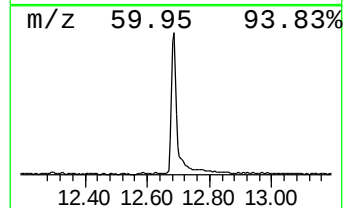
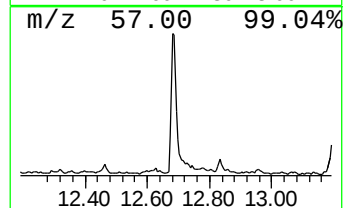
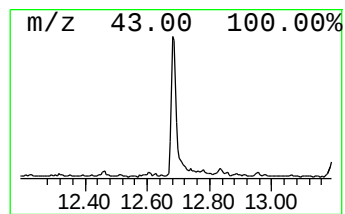
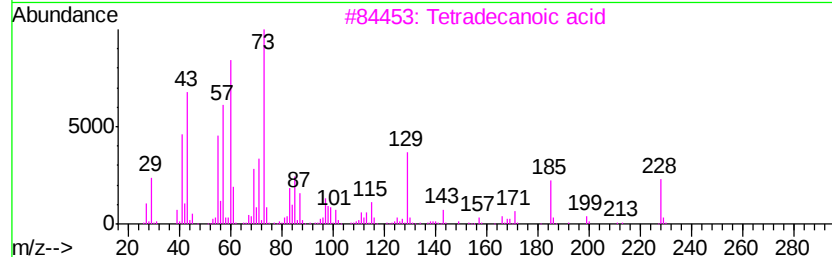
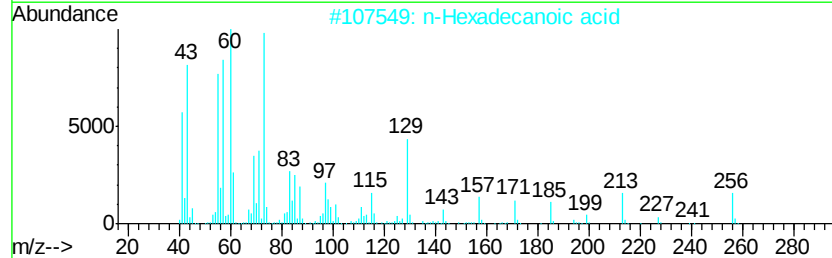
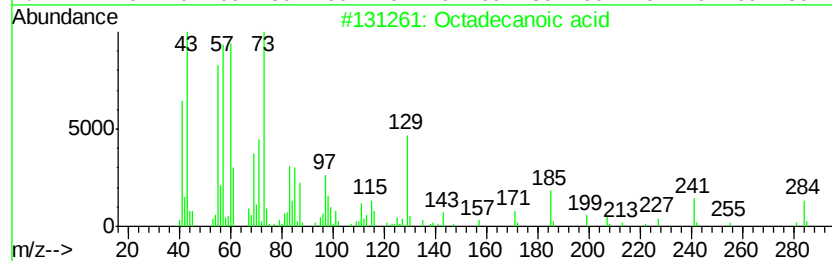
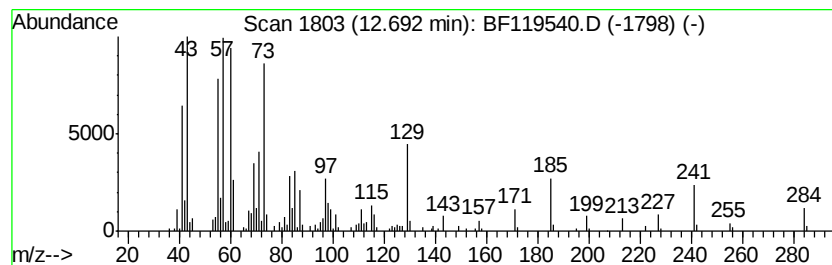
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 Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	5.37 ng	764278	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



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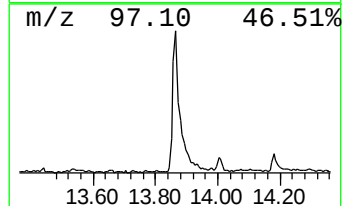
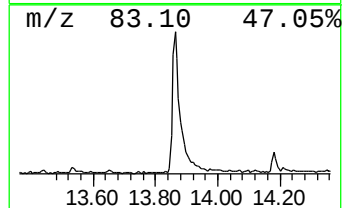
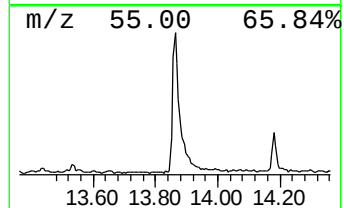
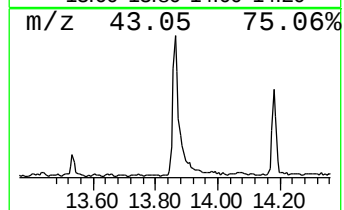
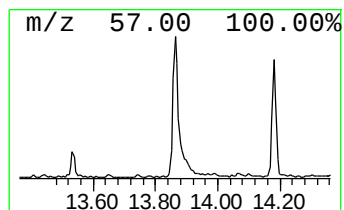
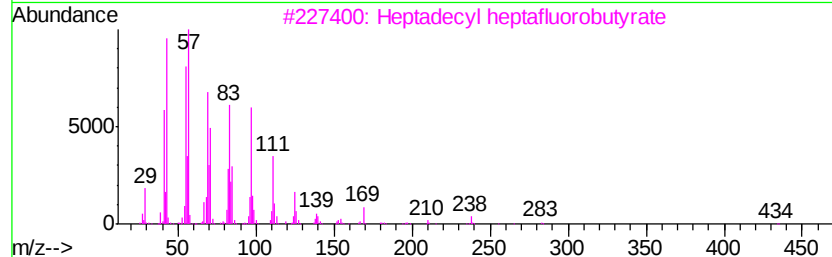
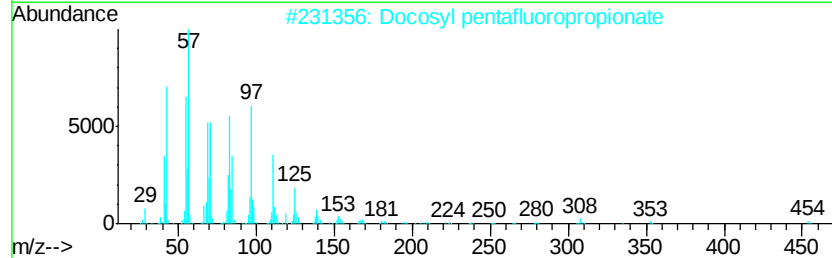
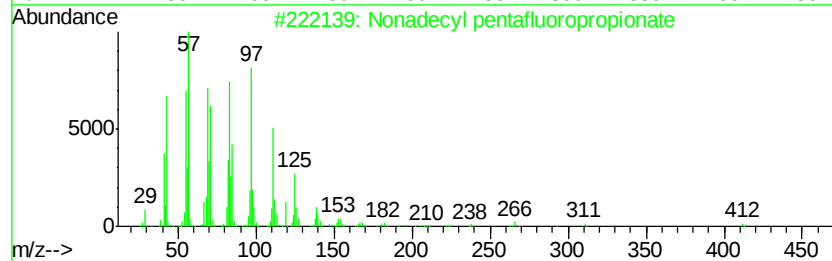
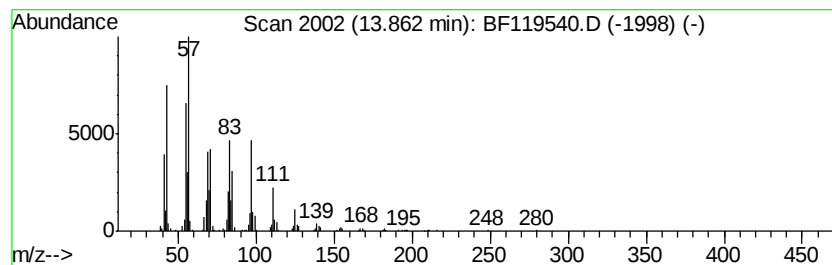
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Nonadecyl pentafluoropropio... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.86	7.80 ng	1000300	Chrysene-d12	14.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
2	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
3	Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	91
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91



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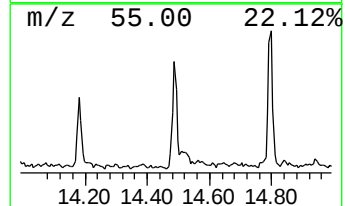
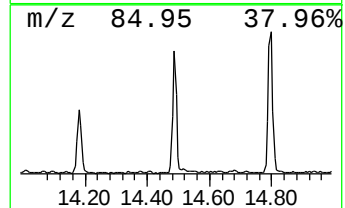
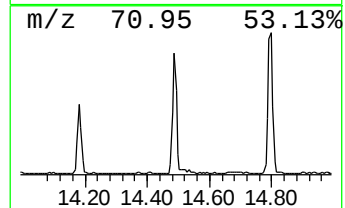
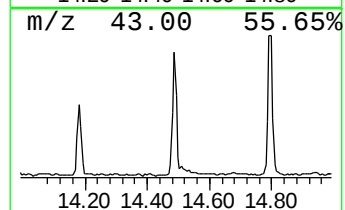
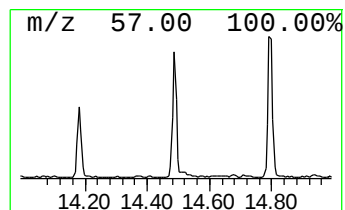
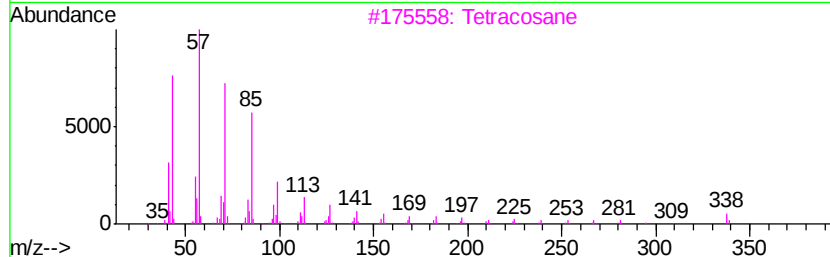
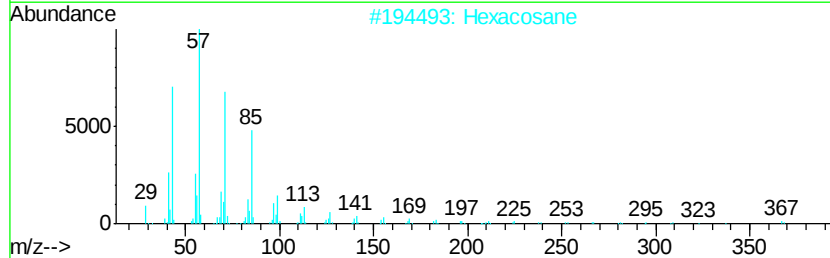
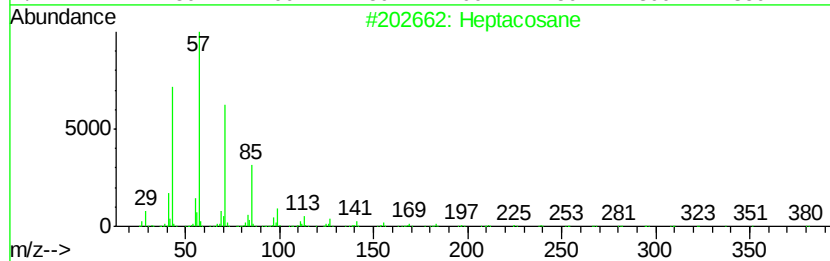
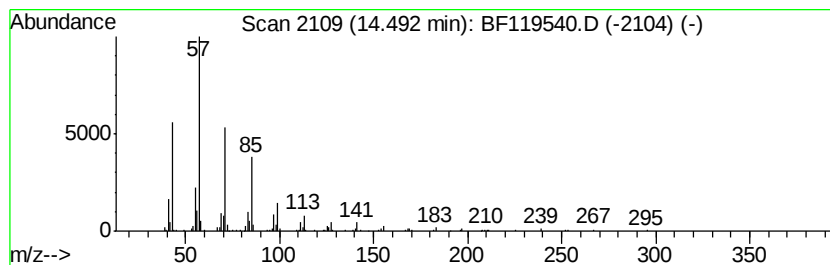
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	3.46 ng	443390	Chrysene-d12	14.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Hexacosane		366	C26H54	000630-01-3	90
3	Tetracosane		338	C24H50	000646-31-1	90
4	Pentacosane		352	C25H52	000629-99-2	90
5	Pentadecane		212	C15H32	000629-62-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119540.D
Acq On : 26 Mar 2020 20:11
Operator : CG/JU
Sample : L2017-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FE-SB-35-(7-7.5)

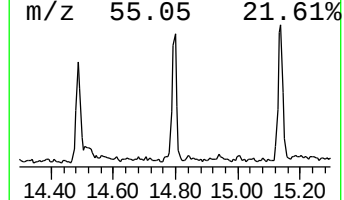
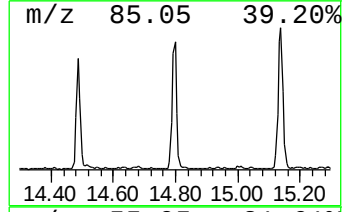
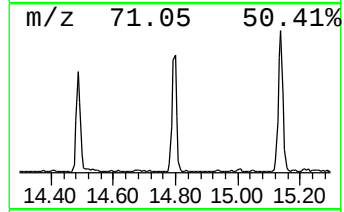
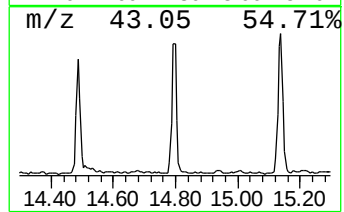
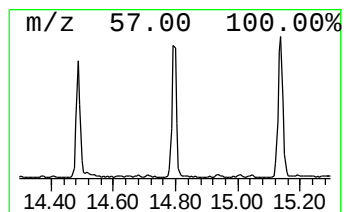
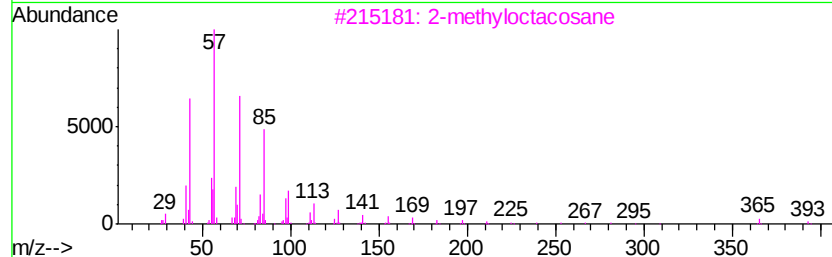
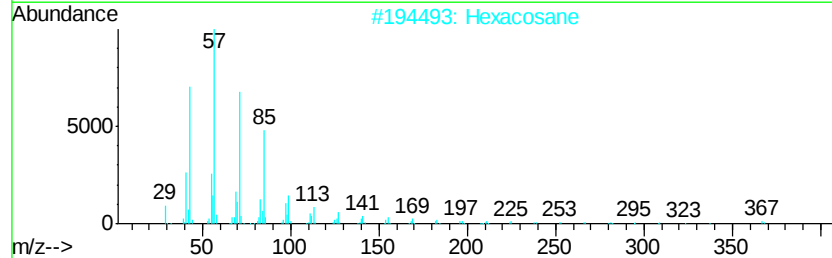
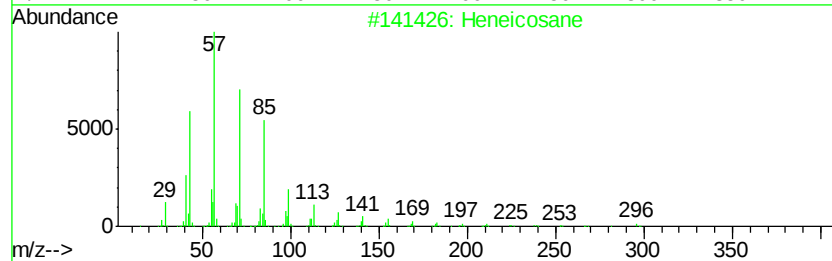
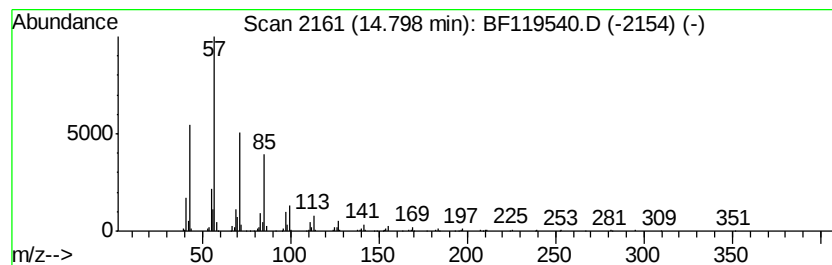
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	5.20 ng	619445	Perylene-d12	15.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Hexacosane		366	C26H54	000630-01-3	90
3	2-methyloctacosane		408	C29H60	1000376-72-8	90
4	Tetracosane		338	C24H50	000646-31-1	87
5	Eicosane		282	C20H42	000112-95-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119540.D
Acq On : 26 Mar 2020 20:11
Operator : CG/JU
Sample : L2017-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FE-SB-35-(7-7.5)

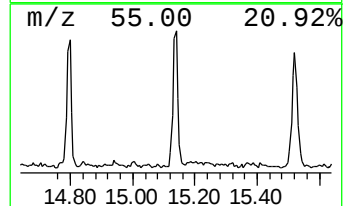
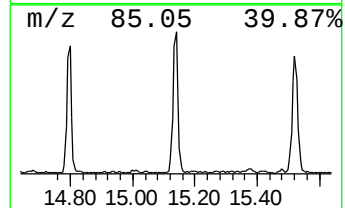
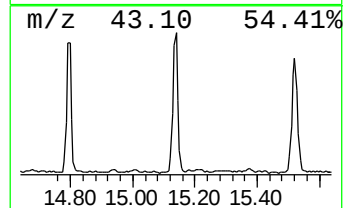
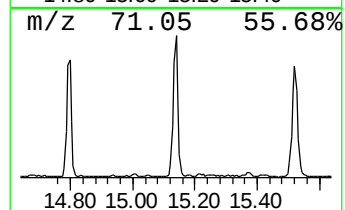
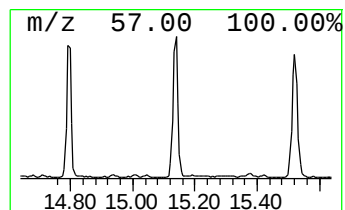
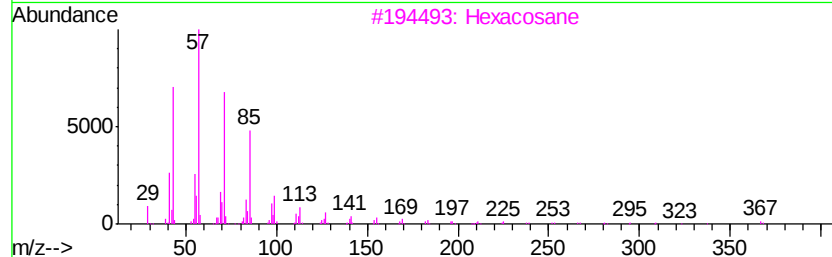
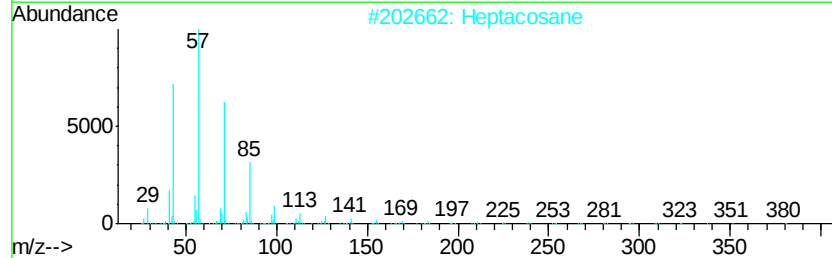
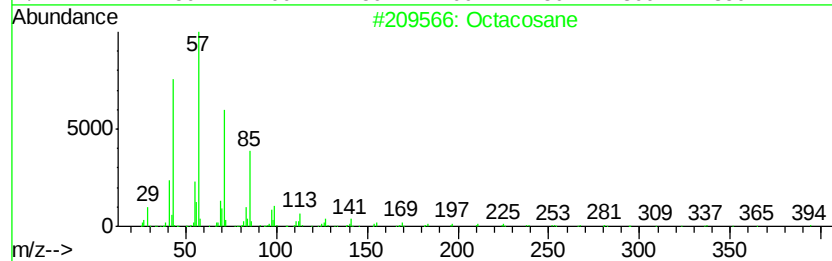
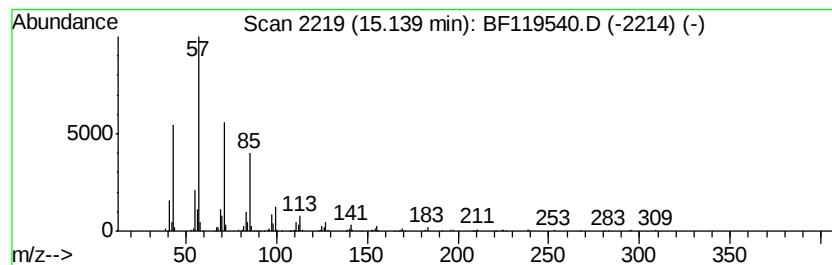
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	5.97 ng	710714	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119540.D
Acq On : 26 Mar 2020 20:11
Operator : CG/JU
Sample : L2017-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FE-SB-35-(7-7.5)

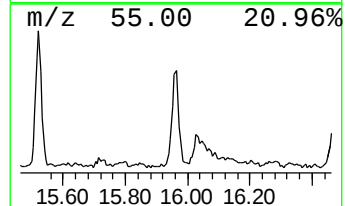
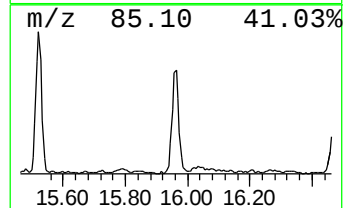
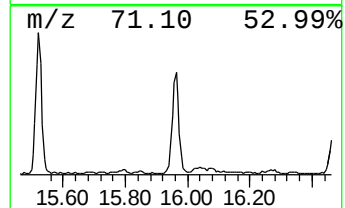
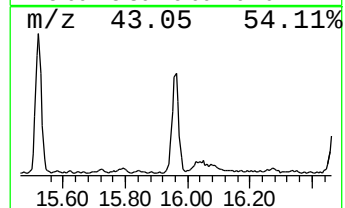
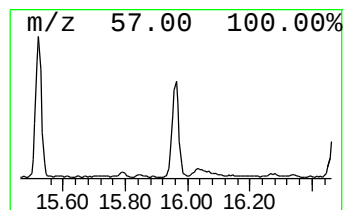
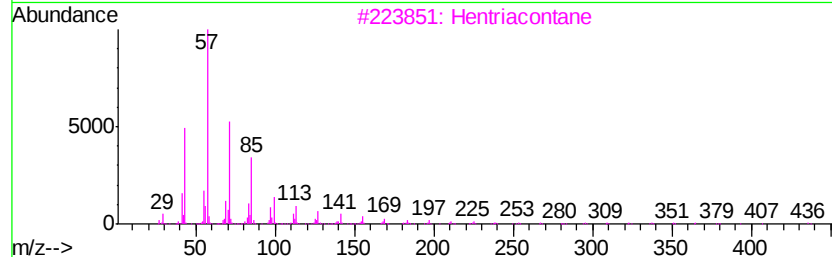
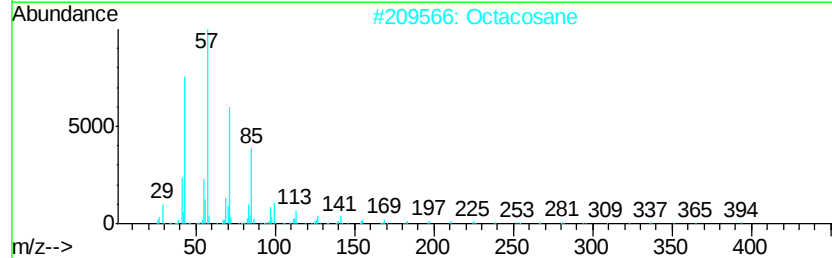
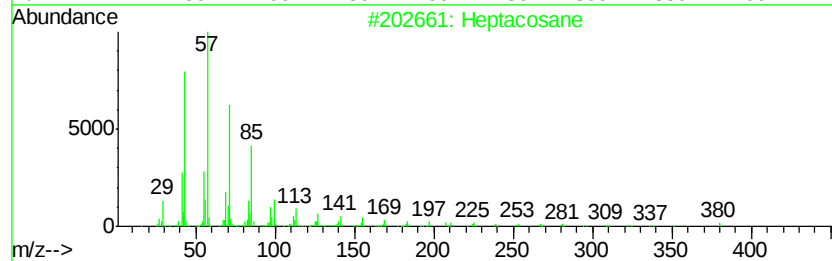
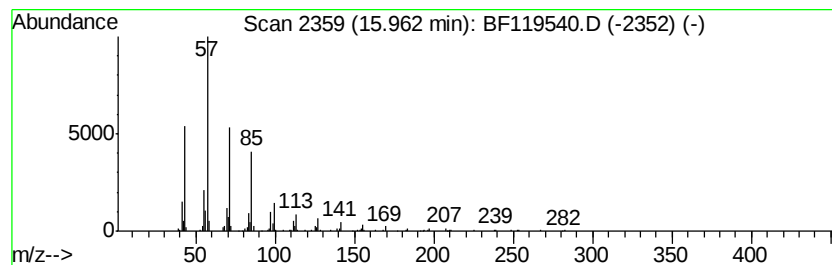
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	4.96 ng	590543	Perylene-d12	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Hentriacontane	437	C31H64	000630-04-6	91
4			Pentacosane	352	C25H52	000629-99-2	91
5			Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119540.D
Acq On : 26 Mar 2020 20:11
Operator : CG/JU
Sample : L2017-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FE-SB-35-(7-7.5)

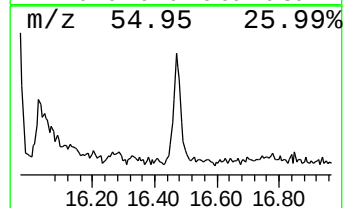
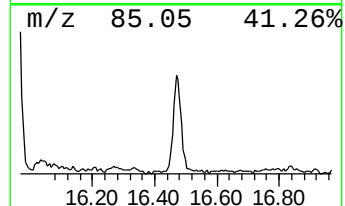
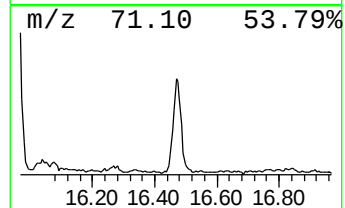
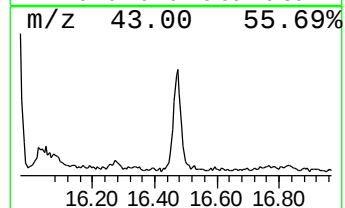
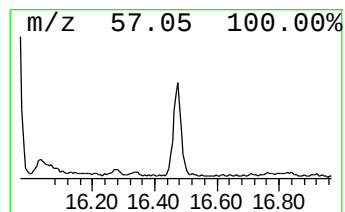
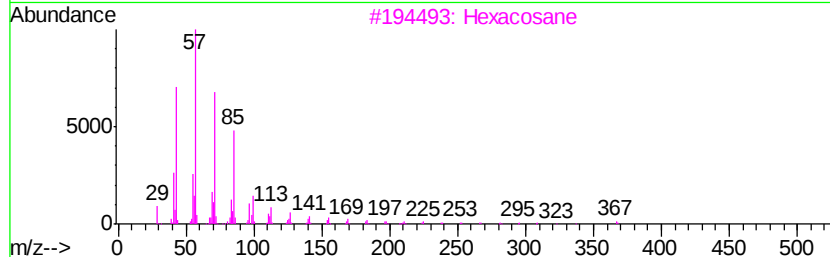
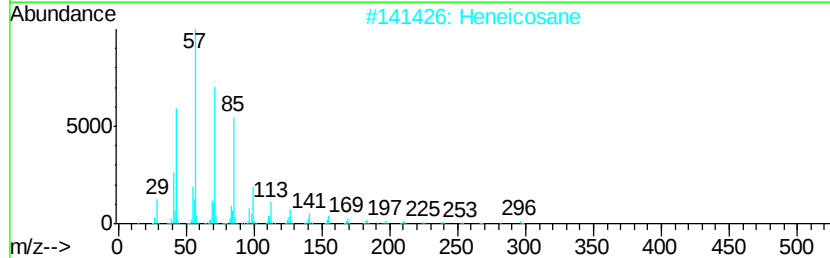
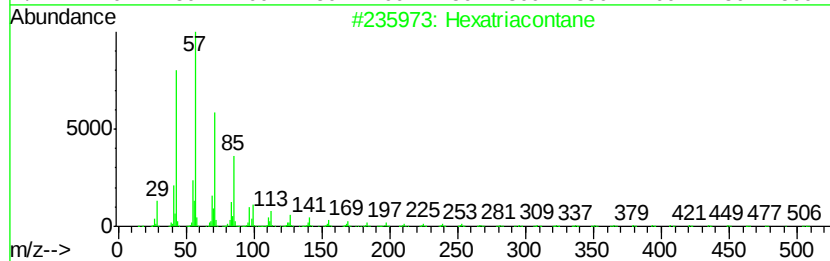
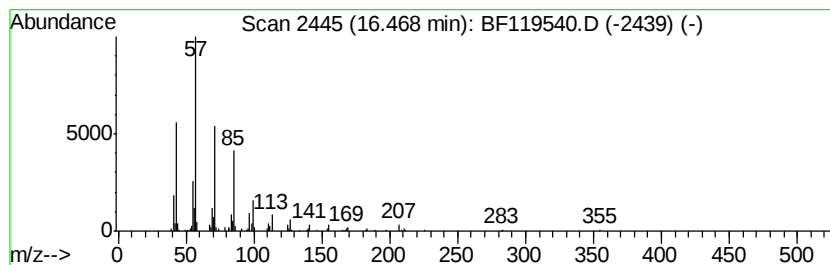
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexatriacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	3.00 ng	357106	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexatriacontane	507	C36H74	000630-06-8	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
Data File : BF119540.D
Acq On : 26 Mar 2020 20:11
Operator : CG/JU
Sample : L2017-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FE-SB-35-(7-7.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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2-Pentanone, 4-hy...	5.05	3.1	ng	258948	1	6.83	1675070	20.0
n-Hexadecanoic acid	11.90	7.2	ng	1030520	4	11.37	2848240	20.0
Octadecanoic acid	12.69	5.4	ng	764278	4	11.37	2848240	20.0
Nonadecyl pentafl...	13.86	7.8	ng	1000300	5	14.01	2564120	20.0
Heptacosane	14.49	3.5	ng	443390	5	14.01	2564120	20.0
Heneicosane	14.80	5.2	ng	619445	6	15.47	2380930	20.0
Octacosane	15.14	6.0	ng	710714	6	15.47	2380930	20.0
Hentriacontane	15.96	5.0	ng	590543	6	15.47	2380930	20.0
Hexatriacontane	16.47	3.0	ng	357106	6	15.47	2380930	20.0