

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
 Data File : BF121197.D
 Acq On : 6 Aug 2020 11:29
 Operator : JU/CG
 Sample : L3525-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-FL-002RE

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-BF071620.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	4.981	489	492	505	rVB	236251	296129	8.30%	1.092%
2	5.404	560	564	584	rBV	2159388	2154745	60.37%	7.948%
3	6.428	734	738	758	rBV	2153399	2230363	62.49%	8.227%
4	6.792	796	800	803	rBV	1025485	816134	22.86%	3.010%
5	7.357	891	896	899	rBV	1759637	1589995	44.55%	5.865%
6	8.075	1014	1018	1034	rBV	1231073	1093991	30.65%	4.035%
7	9.151	1197	1201	1212	rBV	3219434	3094934	86.71%	11.416%
8	9.545	1265	1268	1281	rVB	378533	369300	10.35%	1.362%
9	9.639	1281	1284	1292	rBV	50221	70828	1.98%	0.261%
10	9.833	1313	1317	1327	rVB	1317440	1271308	35.62%	4.689%
11	10.622	1447	1451	1462	rBV	1859323	1875914	52.56%	6.919%
12	11.316	1565	1569	1577	rBV	1459292	1403772	39.33%	5.178%
13	11.845	1654	1659	1663	rBV2	66320	69179	1.94%	0.255%
14	12.010	1681	1687	1690	rBV3	24204	43524	1.22%	0.161%
15	12.545	1764	1778	1789	rBV2	97010	390877	10.95%	1.442%
16	12.904	1835	1839	1843	rBV	3280034	3569366	100.00%	13.166%
17	13.116	1871	1875	1881	rBV5	31195	54789	1.53%	0.202%
18	13.527	1938	1945	1953	rVB	136336	344175	9.64%	1.269%
19	13.798	1987	1991	2003	rBV2	949122	1209203	33.88%	4.460%
20	13.957	2014	2018	2029	rVB	1605978	1511075	42.33%	5.574%
21	14.121	2042	2046	2050	rBV	68353	88740	2.49%	0.327%
22	14.210	2056	2061	2069	rBV2	131636	303861	8.51%	1.121%
23	14.427	2093	2098	2110	rVB3	115189	223558	6.26%	0.825%
24	14.727	2145	2149	2152	rBV	132198	138729	3.89%	0.512%
25	14.798	2155	2161	2168	rVB2	154275	292800	8.20%	1.080%
26	15.057	2201	2205	2209	rBV	155444	175496	4.92%	0.647%
27	15.409	2259	2265	2277	rBV	1163571	1738596	48.71%	6.413%
28	15.851	2336	2340	2345	rVB	112354	168213	4.71%	0.620%
29	15.904	2345	2349	2358	rBV	152767	319770	8.96%	1.179%
30	16.339	2419	2423	2433	rVB4	66245	146527	4.11%	0.540%
31	16.915	2517	2521	2528	rVB3	30823	55506	1.56%	0.205%

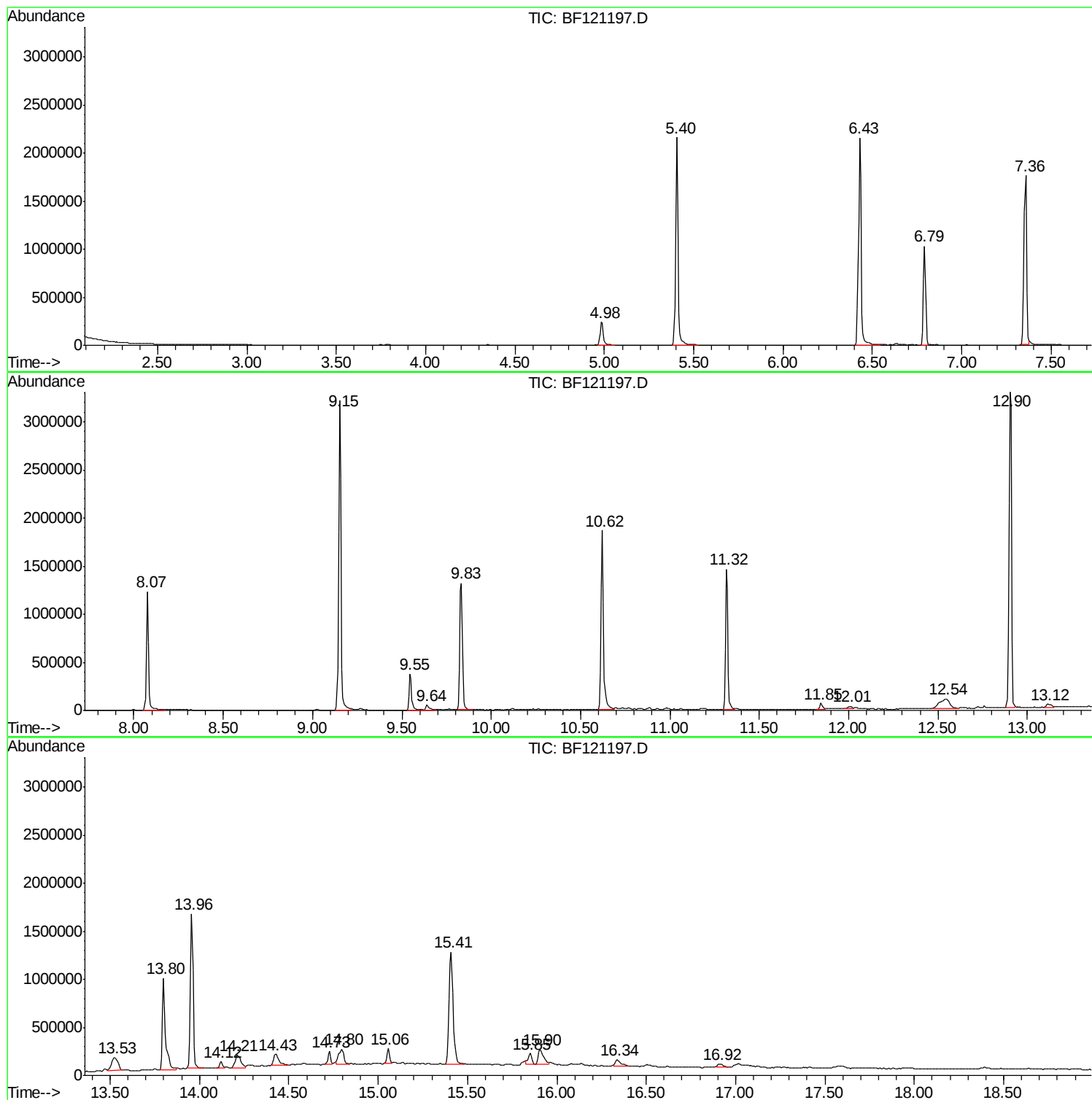
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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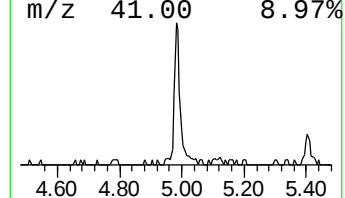
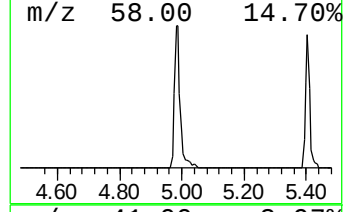
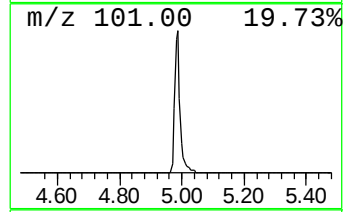
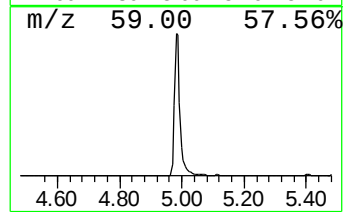
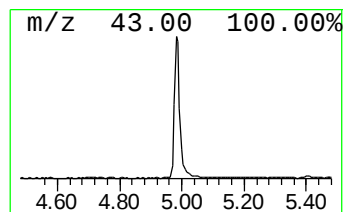
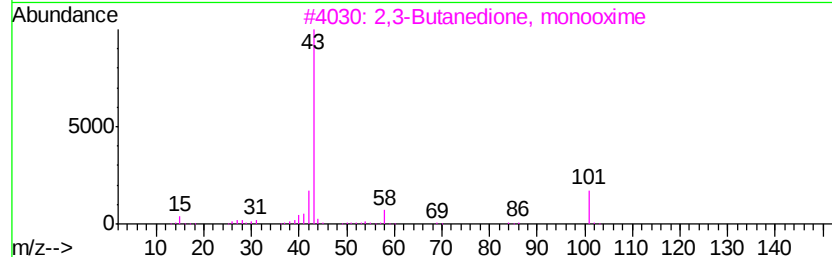
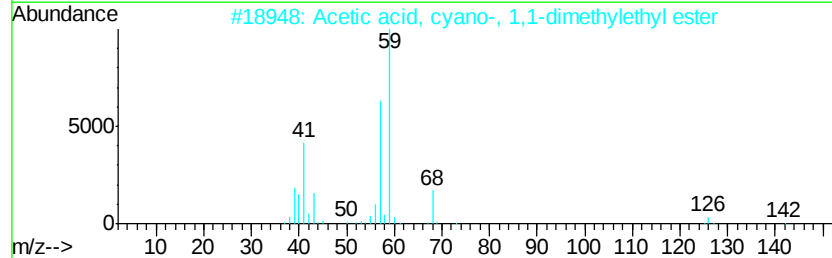
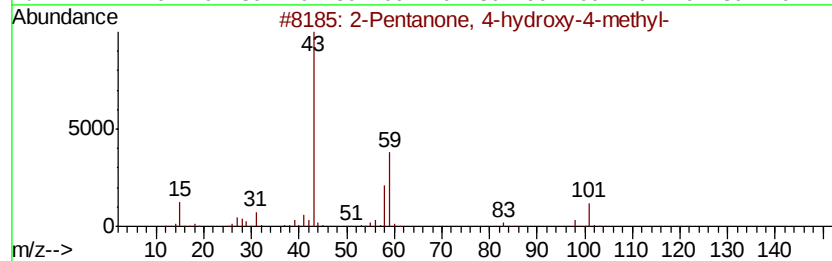
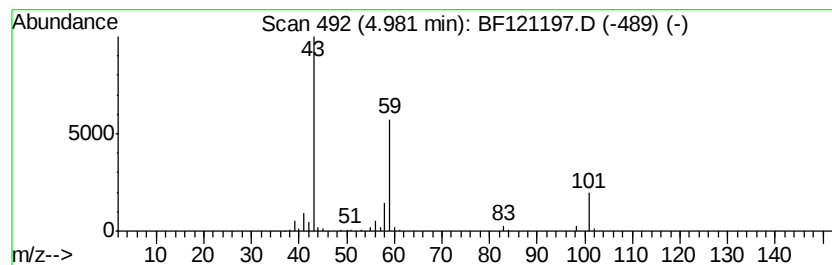
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	7.26 ng	296129	1,4-Dichlorobenzene-d4	6.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9
5			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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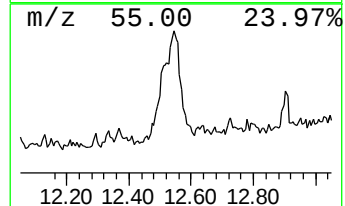
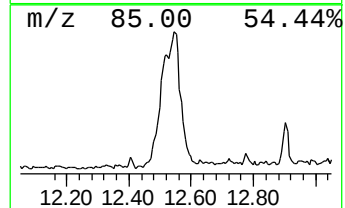
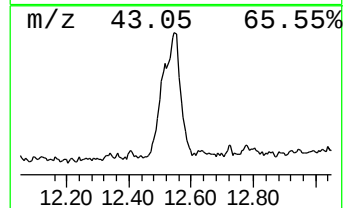
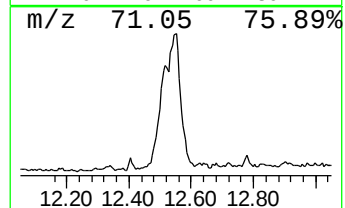
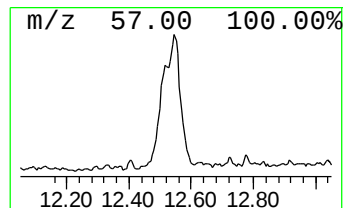
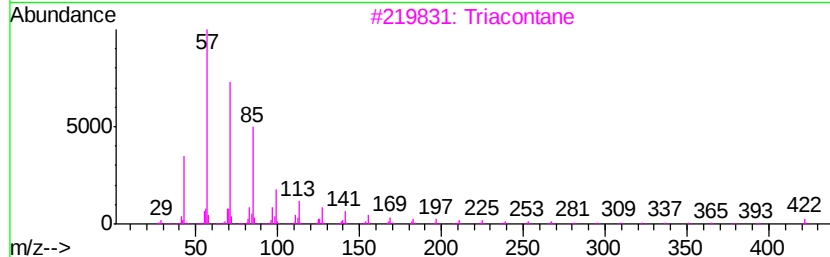
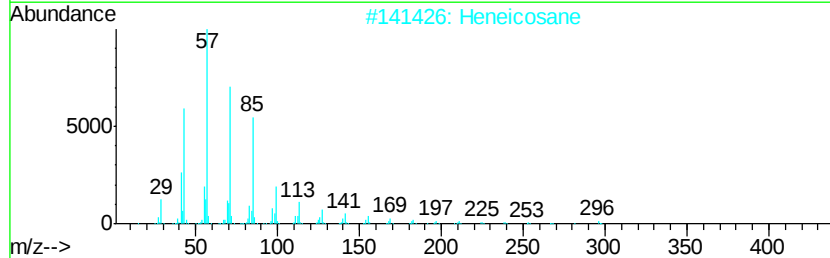
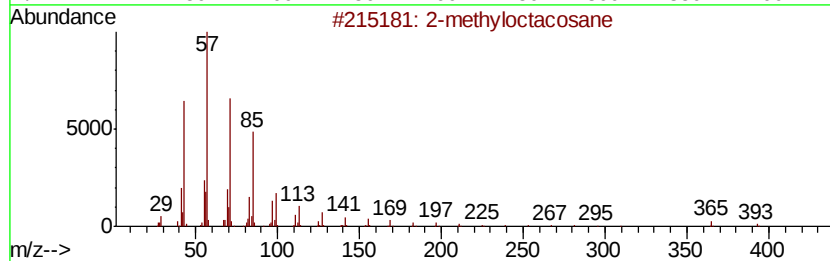
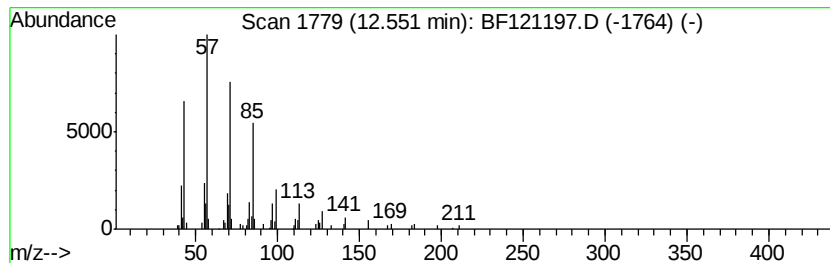
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Peak Number 2 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	5.57 ng	390877	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Triacontane	422	C30H62	000638-68-6	91
4		Heptadecane	240	C17H36	000629-78-7	90
5		Hexacosane	366	C26H54	000630-01-3	87



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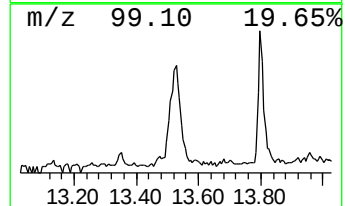
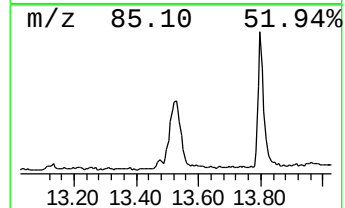
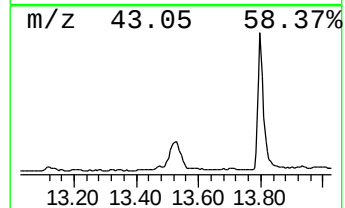
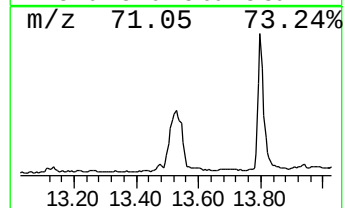
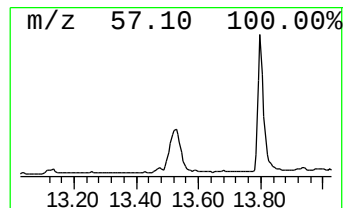
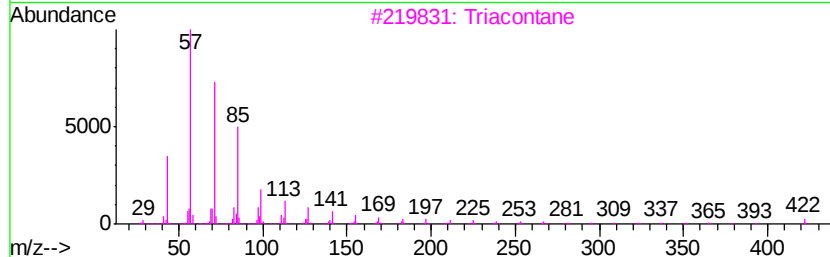
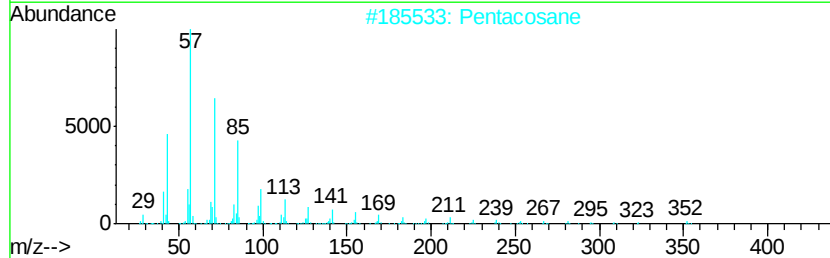
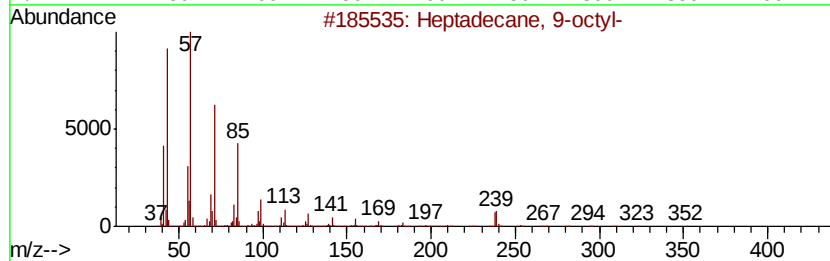
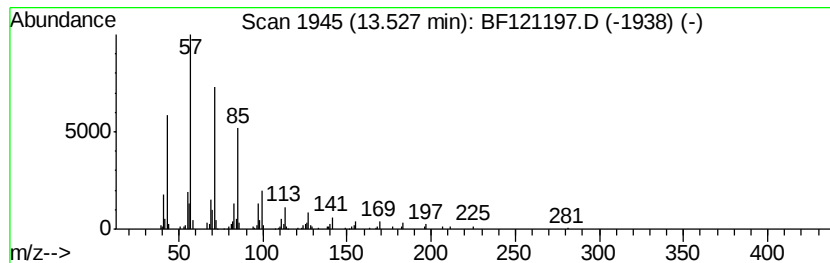
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptadecane, 9-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.53	4.56 ng	344175	Chrysene-d12	13.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane,	9-octyl-	352	C25H52	007225-64-1	91
2	Pentacosane		352	C25H52	000629-99-2	91
3	Triacontane		422	C30H62	000638-68-6	91
4	Octacosane		394	C28H58	000630-02-4	90
5	2-methyloctacosane		408	C29H60	1000376-72-8	90



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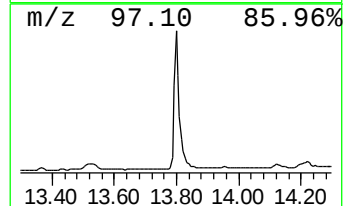
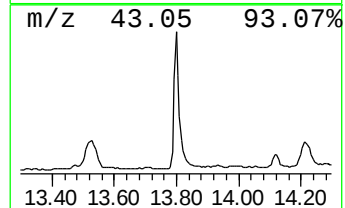
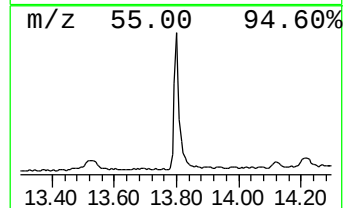
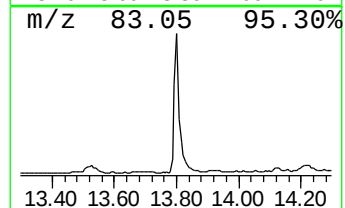
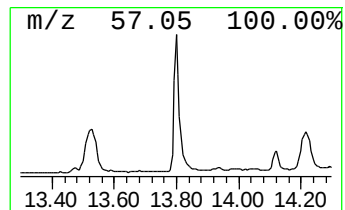
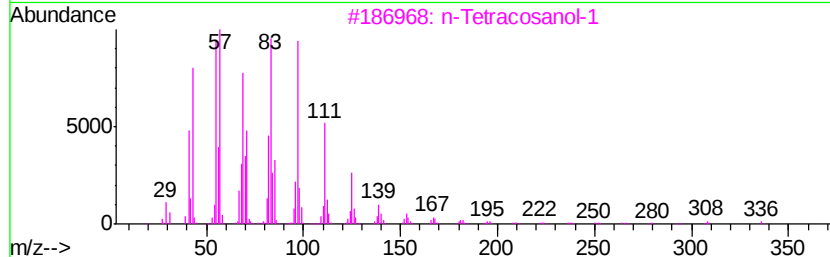
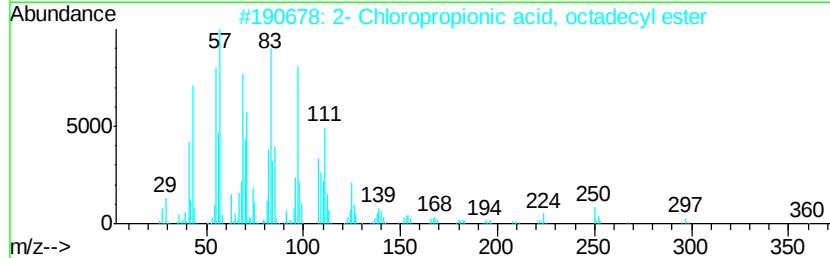
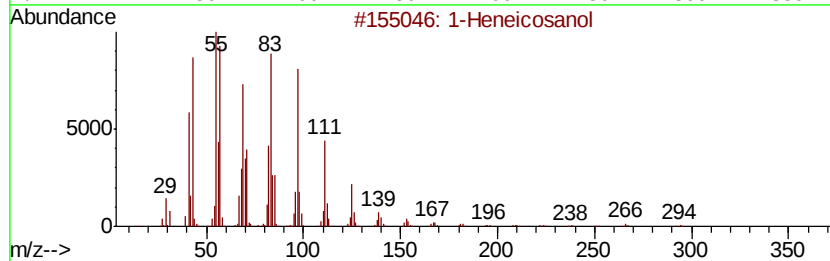
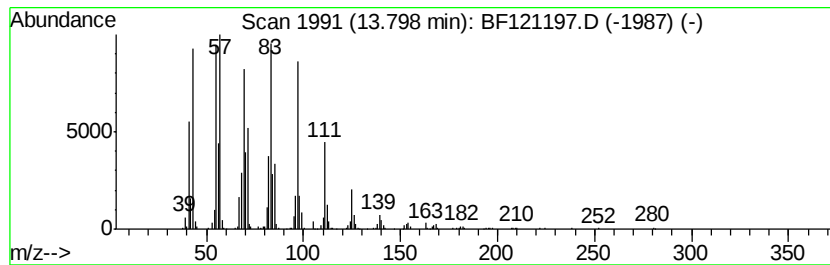
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Peak Number 4 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	16.00 ng	1209200	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	94
2		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4		Behenic alcohol	326	C22H46O	000661-19-8	94
5		n-Nonadecanol-1	284	C19H40O	001454-84-8	94



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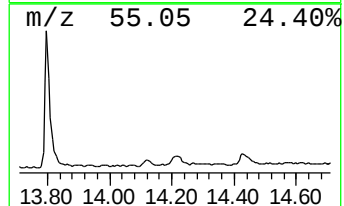
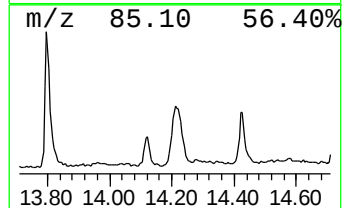
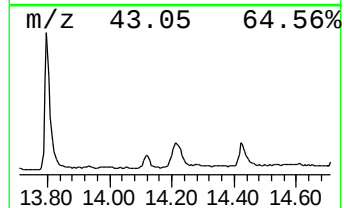
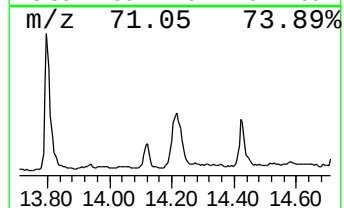
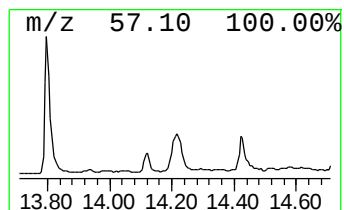
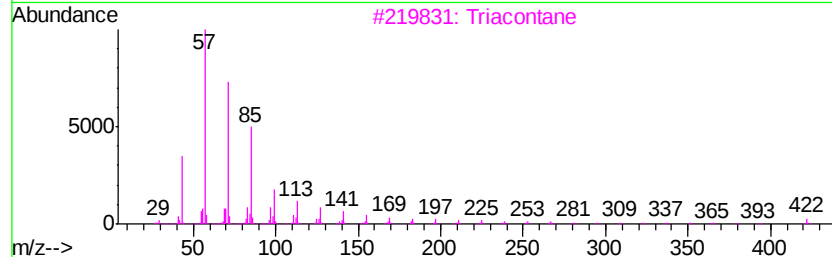
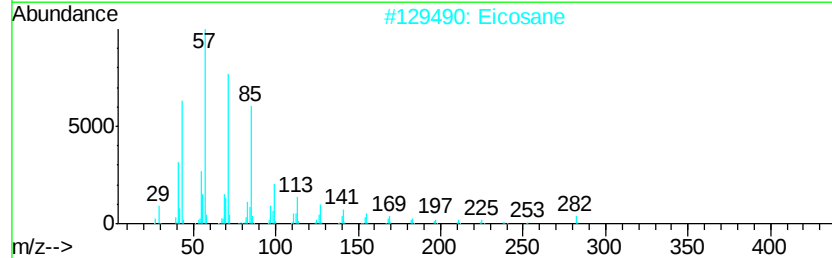
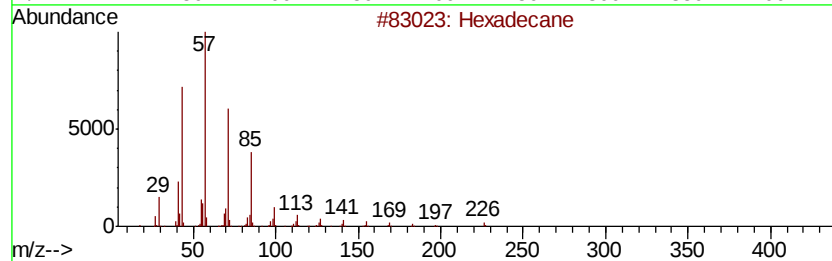
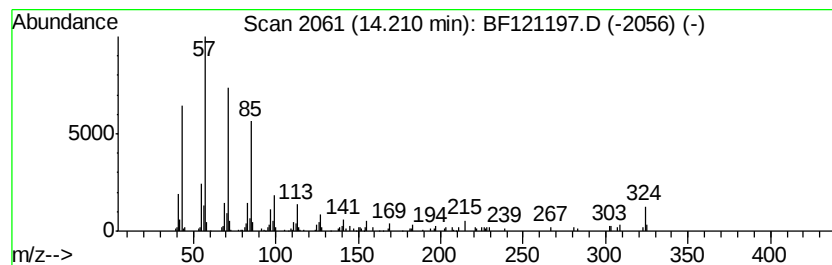
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	4.02 ng	303861	Chrysene-d12	13.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	93
2	Eicosane		282	C20H42	000112-95-8	90
3	Triacontane		422	C30H62	000638-68-6	90
4	Heneicosane		296	C21H44	000629-94-7	90
5	Hexacosane		366	C26H54	000630-01-3	90



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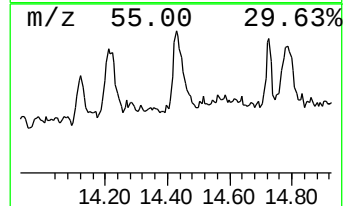
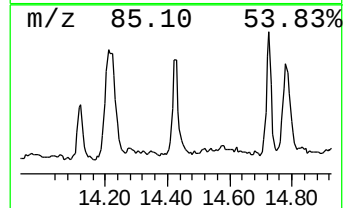
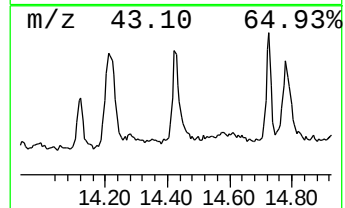
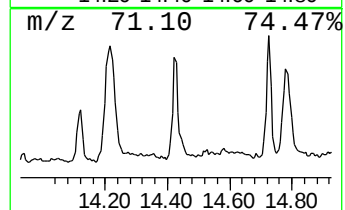
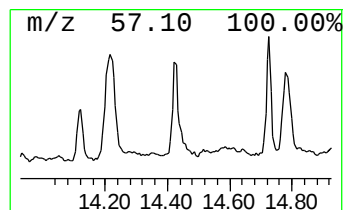
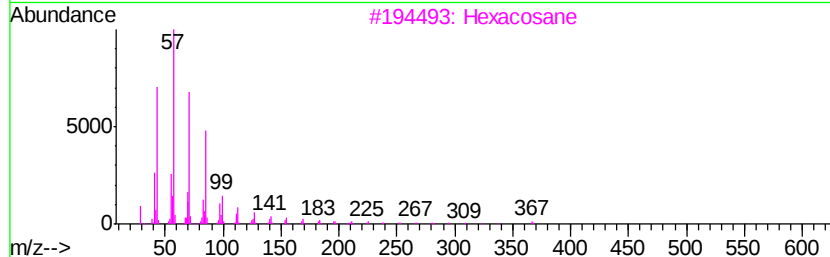
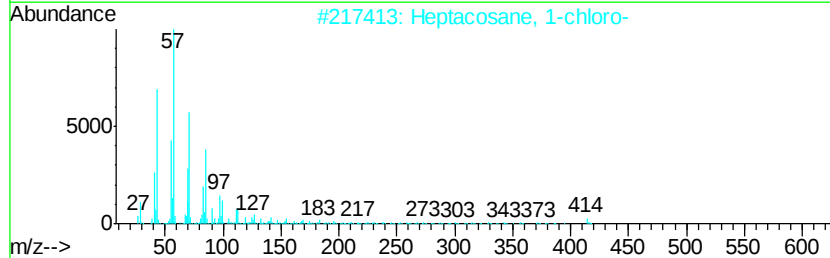
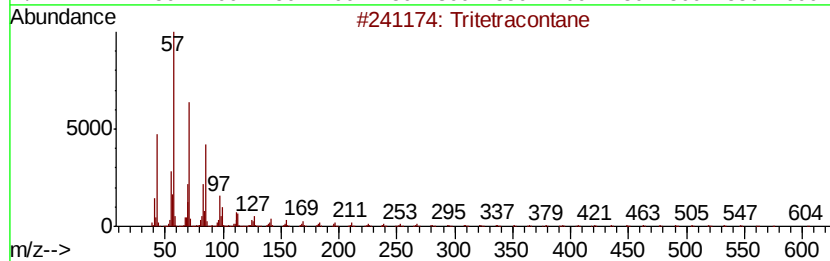
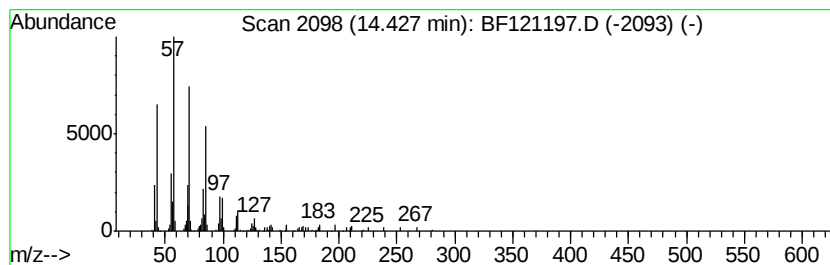
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tritetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.96 ng	223558	Chrysene-d12	13.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tritetracontane	605	C43H88	007098-21-7	91
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	90
5		Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
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Sample : L3525-01RE
Misc :
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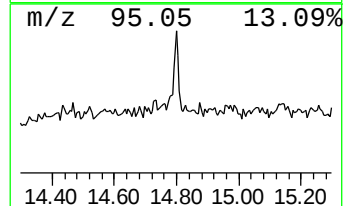
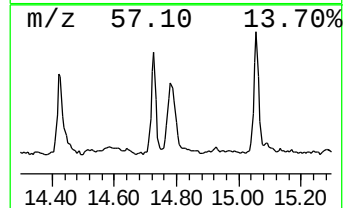
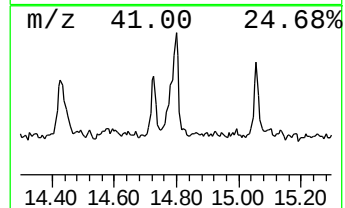
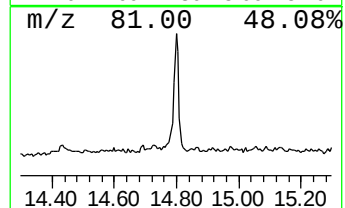
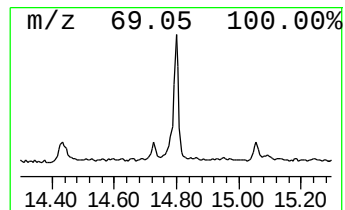
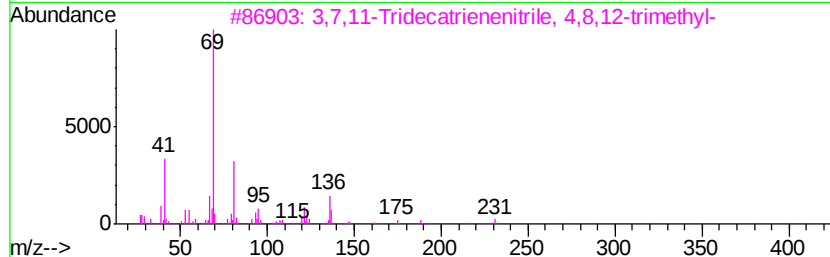
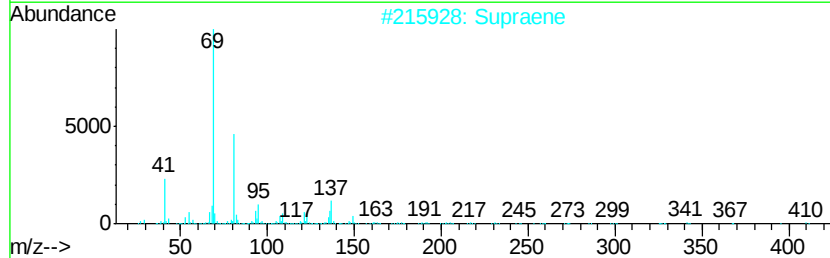
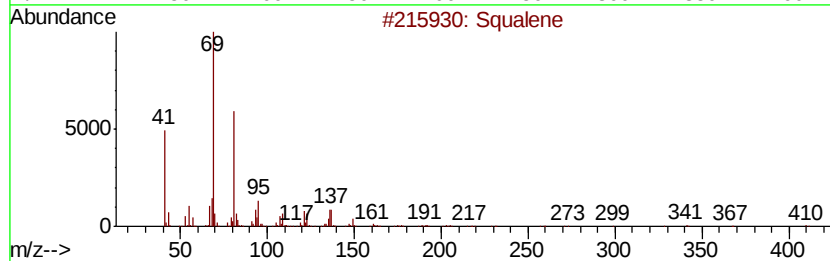
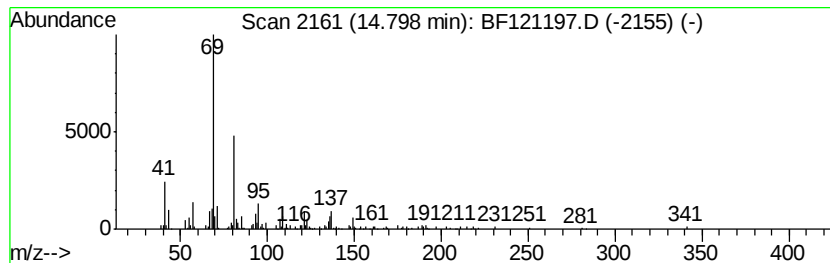
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ClientSampleId :
TILCON-FL-002RE

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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 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	3.37 ng	292800	Perylene-d12	15.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	000111-02-4	91
2	Supraene	410 C30H50	007683-64-9	80
3	3,7,11-Tridecatrienitrile, 4,8...	231 C16H25N	006006-01-5	72
4	4,8,12-Tetradecatrienal, 5,9,13-...	248 C17H28O	066408-55-7	64
5	2,6,10,14-Hexadecatetraenoic aci...	332 C22H36O2	024035-35-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121197.D
Acq On : 6 Aug 2020 11:29
Operator : JU/CG
Sample : L3525-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TILCON-FL-002RE

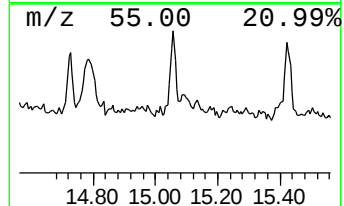
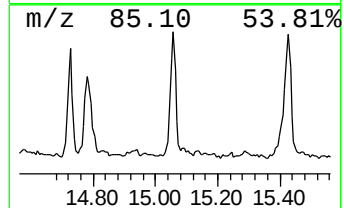
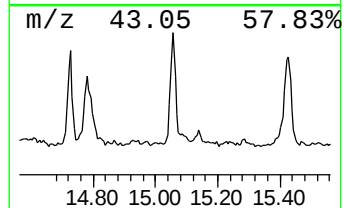
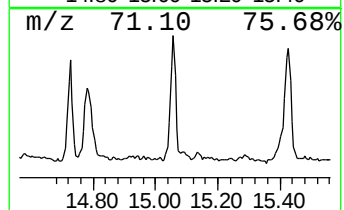
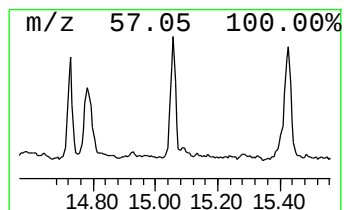
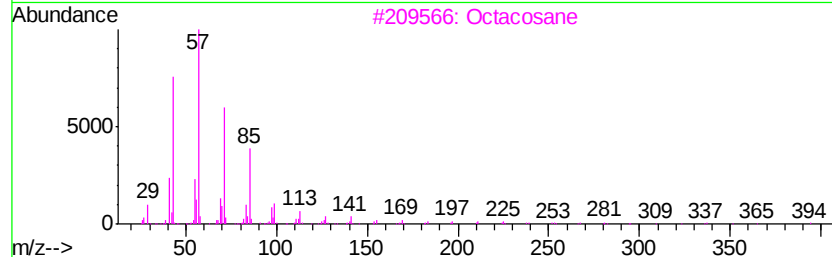
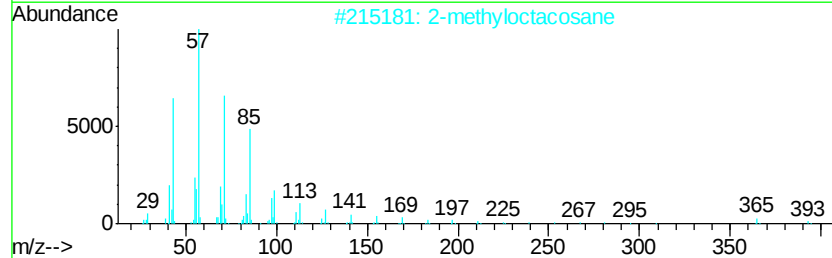
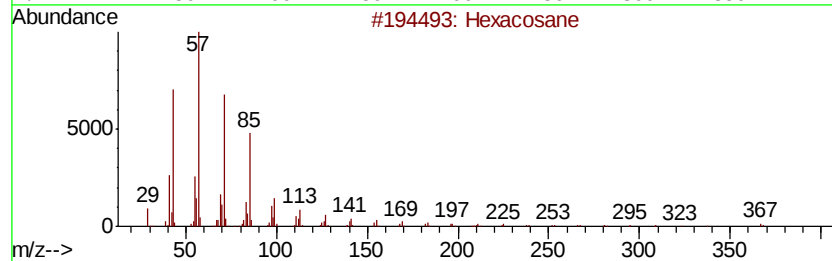
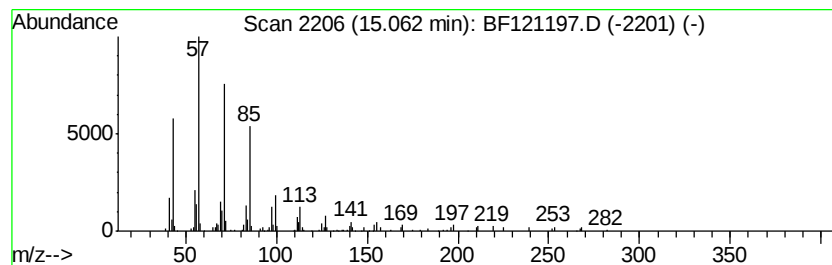
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	2.02 ng	175496	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121197.D
Acq On : 6 Aug 2020 11:29
Operator : JU/CG
Sample : L3525-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TILCON-FL-002RE

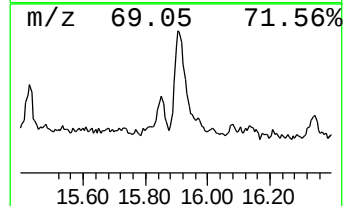
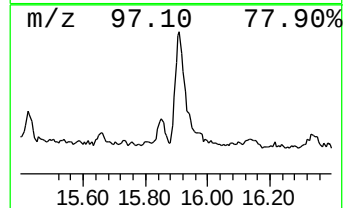
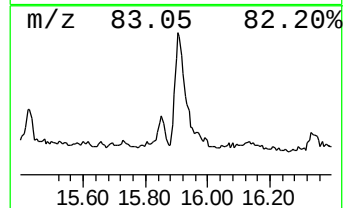
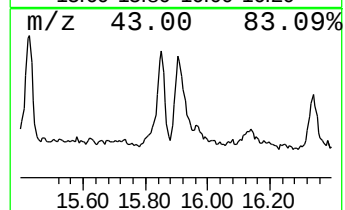
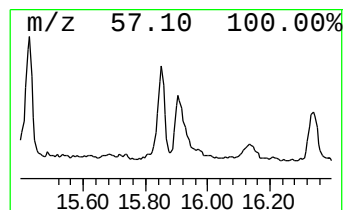
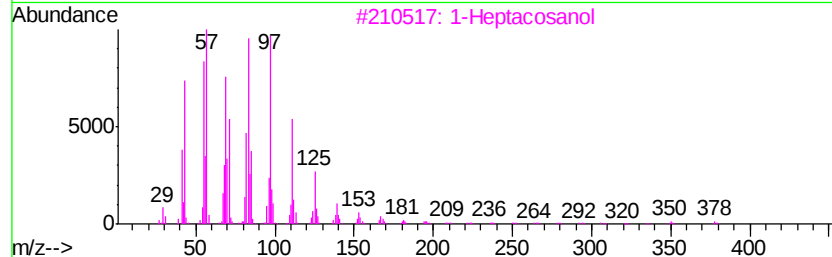
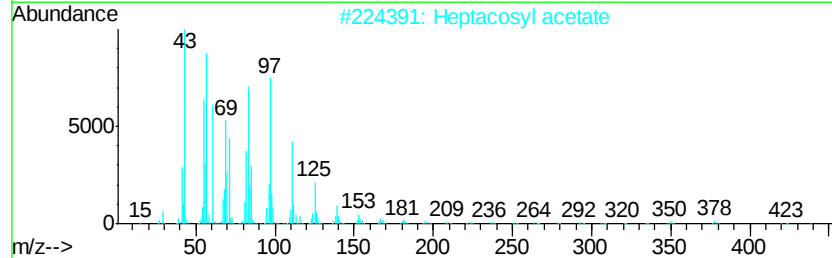
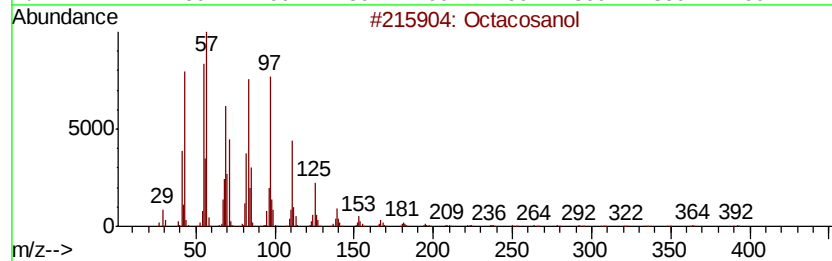
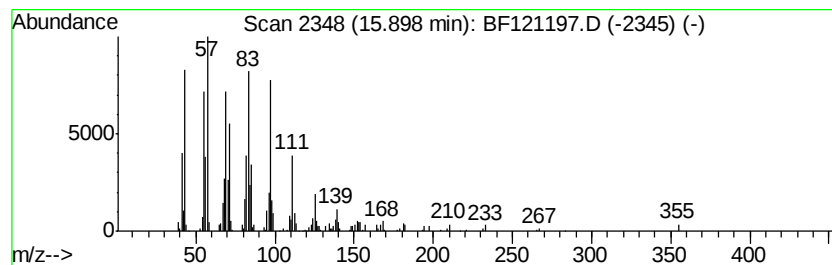
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	3.68 ng	319770	Perylene-d12	15.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol		410	C28H58O	000557-61-9	95
2	Heptacosyl acetate		438	C29H58O2	1000351-78-2	95
3	1-Heptacosanol		396	C27H56O	002004-39-9	95
4	n-Tetracosanol-1		354	C24H50O	000506-51-4	95
5	Octacosyl acetate		452	C30H60O2	018206-97-8	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080620\
Data File : BF121197.D
Acq On : 6 Aug 2020 11:29
Operator : JU/CG
Sample : L3525-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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
2-Pentanone, 4-hy...	4.98	7.3	ng	296129	1	6.79	816134	20.0
2-methyloctacosane	12.55	5.6	ng	390877	4	11.32	1403770	20.0
Heptadecane, 9-oc...	13.53	4.6	ng	344175	5	13.96	1511080	20.0
1-Heneicosanol	13.80	16.0	ng	1209200	5	13.96	1511080	20.0
Hexadecane	14.21	4.0	ng	303861	5	13.96	1511080	20.0
Tritetracontane	14.43	3.0	ng	223558	5	13.96	1511080	20.0
Squalene	14.80	3.4	ng	292800	6	15.41	1738600	20.0
Hexacosane	15.06	2.0	ng	175496	6	15.41	1738600	20.0
Octacosanol	15.90	3.7	ng	319770	6	15.41	1738600	20.0