

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030520\
 Data File : BF119236.D
 Acq On : 6 Mar 2020 2:54
 Operator : CG/JU
 Sample : L1775-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CR-2

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-BF022020.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	5.357	552	556	581	rBV	2580165	2627579	70.81%	9.370%
2	6.381	726	730	753	rBV	2474360	2658033	71.64%	9.479%
3	6.722	785	788	799	rBV	983917	843039	22.72%	3.006%
4	6.881	811	815	828	rBV	2509778	2394788	64.54%	8.540%
5	7.287	880	884	898	rBV	1729276	1800691	48.53%	6.422%
6	8.004	1002	1006	1020	rBV	1189213	1126021	30.35%	4.016%
7	9.081	1183	1189	1192	rBV	4055440	3710501	100.00%	13.232%
8	9.475	1252	1256	1265	rBV	388242	334005	9.00%	1.191%
9	9.757	1299	1304	1319	rBV	1617597	1375316	37.07%	4.905%
10	10.551	1435	1439	1455	rBV	2325726	2353608	63.43%	8.393%
11	11.239	1553	1556	1559	rBV	1425522	1339386	36.10%	4.776%
12	11.263	1559	1560	1565	rVB	85733	72462	1.95%	0.258%
13	11.775	1644	1647	1654	rBV2	222590	225639	6.08%	0.805%
14	12.457	1760	1763	1768	rBV	135728	125336	3.38%	0.447%
15	12.557	1777	1780	1786	rBV	46797	60357	1.63%	0.215%
16	12.686	1797	1802	1806	rBV	111718	129833	3.50%	0.463%
17	12.822	1821	1825	1829	rBV	3733317	3598306	96.98%	12.832%
18	13.739	1971	1981	1997	rBV5	167745	476099	12.83%	1.698%
19	13.880	2001	2005	2009	rBV	958248	932076	25.12%	3.324%
20	14.033	2027	2031	2038	rBV	55210	63712	1.72%	0.227%
21	14.339	2080	2083	2086	rBV	84441	75924	2.05%	0.271%
22	14.633	2127	2133	2137	rBV2	83682	110021	2.97%	0.392%
23	14.768	2152	2156	2160	rBV2	42246	45479	1.23%	0.162%
24	14.904	2176	2179	2182	rBV	44694	58107	1.57%	0.207%
25	14.951	2183	2187	2193	rVB	99933	120961	3.26%	0.431%
26	15.033	2195	2201	2209	rBV8	21305	68155	1.84%	0.243%
27	15.251	2234	2238	2242	rBV	37073	42803	1.15%	0.153%
28	15.304	2242	2247	2261	rVB	751563	930766	25.08%	3.319%
29	15.704	2311	2315	2320	rBV	78863	119348	3.22%	0.426%
30	16.174	2387	2395	2398	rBV4	36877	70023	1.89%	0.250%
31	16.715	2481	2487	2496	rBV3	50565	113834	3.07%	0.406%
32	17.139	2555	2559	2569	rVB3	16549	39043	1.05%	0.139%

LSC Area Percent Report

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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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

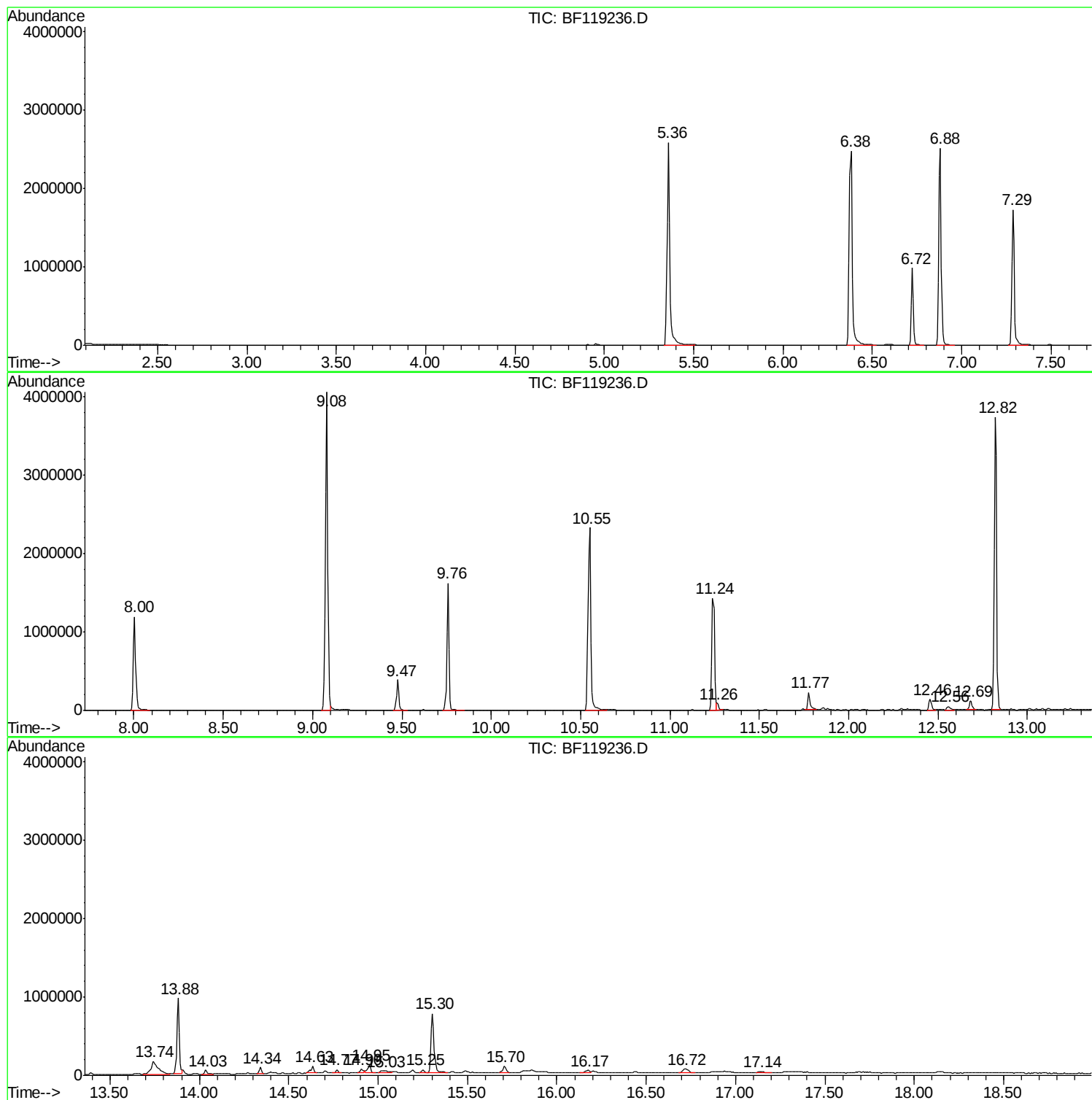
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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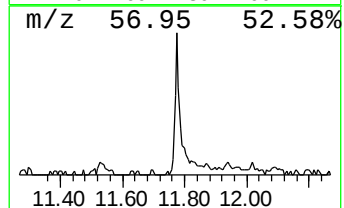
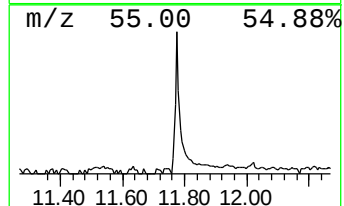
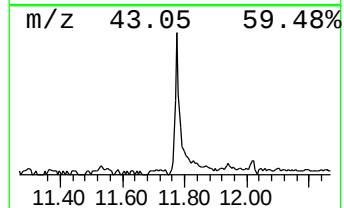
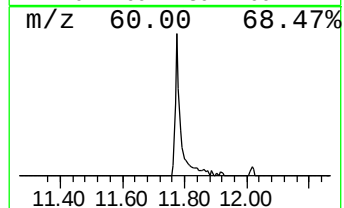
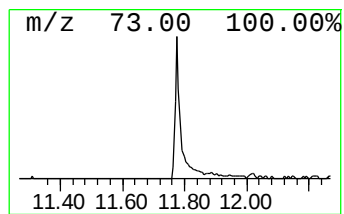
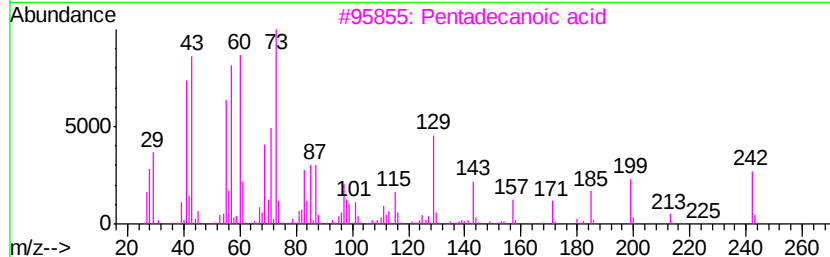
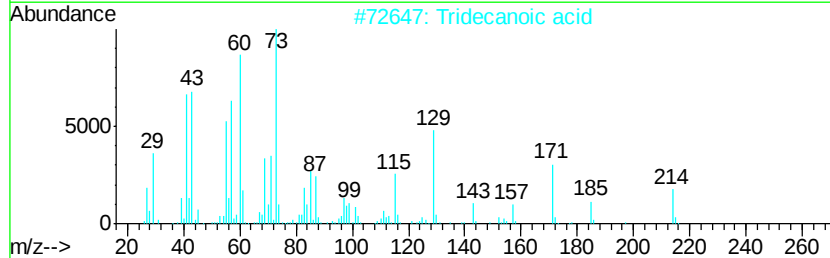
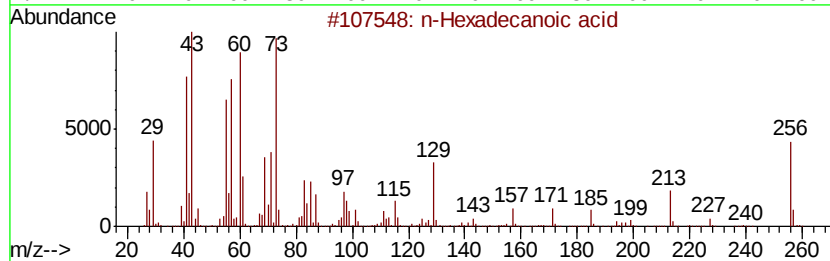
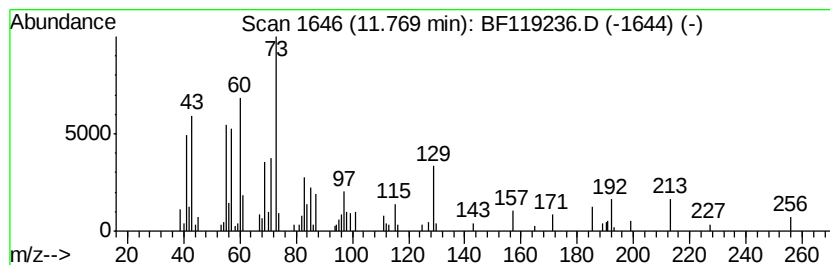
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.37 ng	225639	Phenanthrene-d10	11.24

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	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4		n-Decanoic acid	172	C10H20O2	000334-48-5	70
5		Ether, dodecyl isopropyl	228	C15H32O	029379-42-8	30



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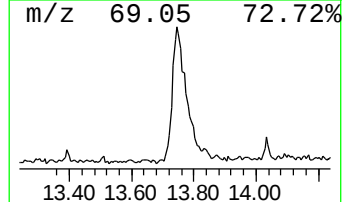
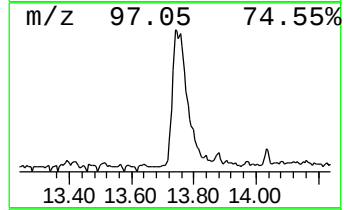
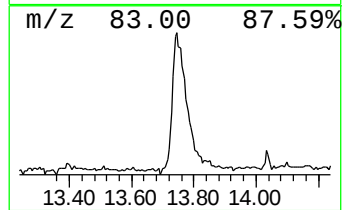
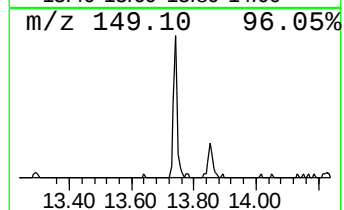
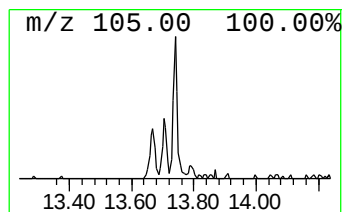
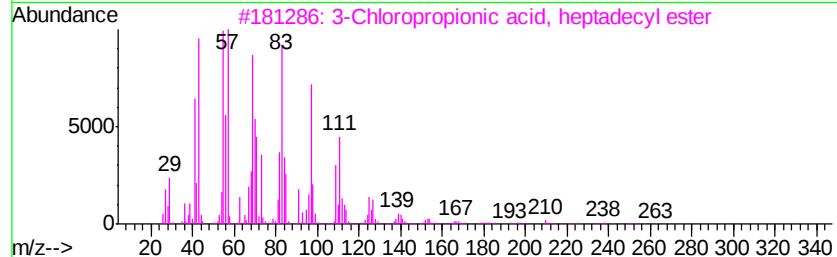
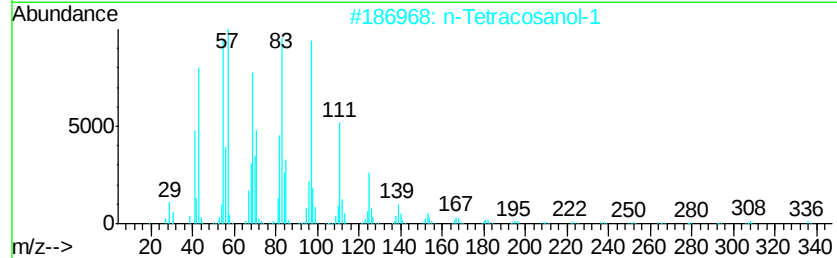
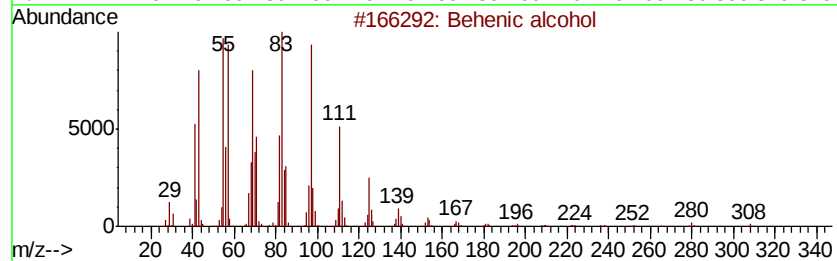
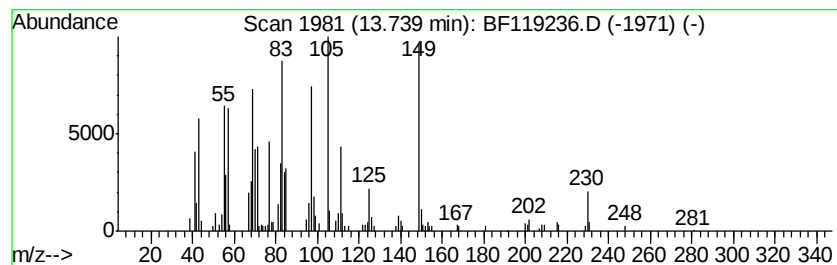
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	10.22 ng	476099	Chrysene-d12	13.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Behenic alcohol	326	C22H46O	000661-19-8	64
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	64
3		3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	64
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	60
5		Octacosyl acetate	452	C30H60O2	018206-97-8	55



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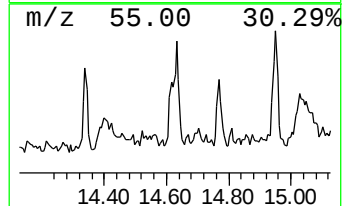
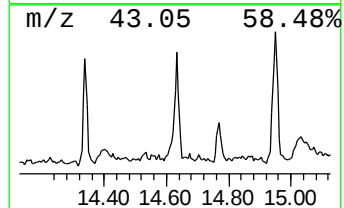
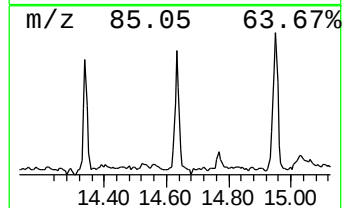
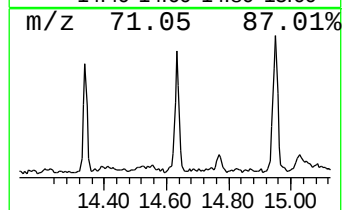
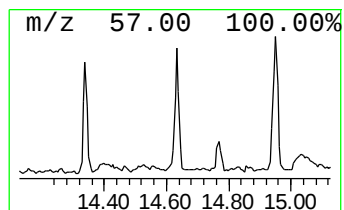
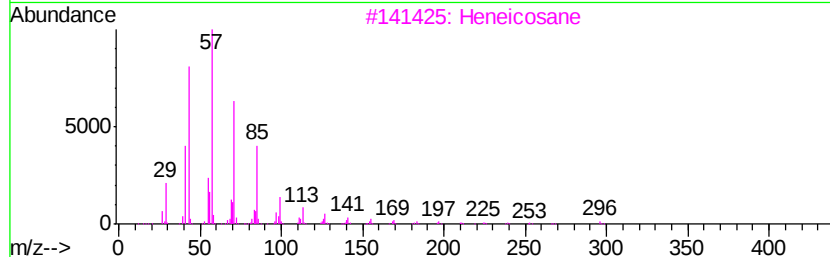
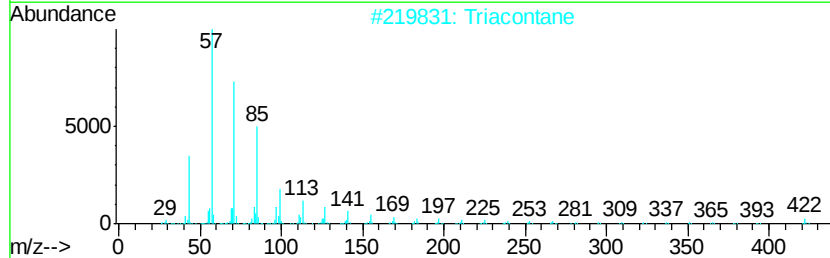
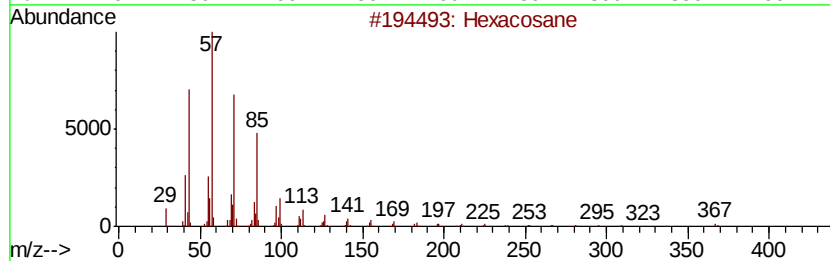
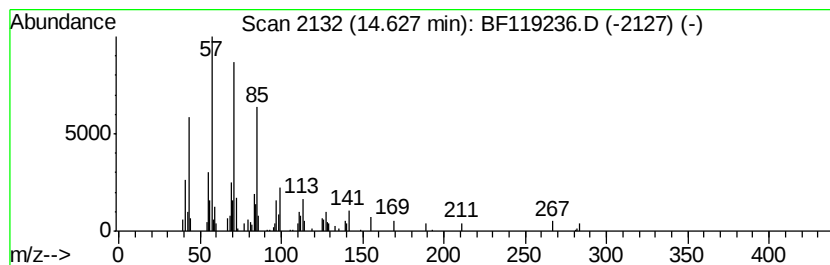
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.36 ng	110021	Perylene-d12	15.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	91
2	Triacotane		422	C30H62	000638-68-6	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	2-methyloctacosane		408	C29H60	1000376-72-8	91
5	Hentriacontane		437	C31H64	000630-04-6	91



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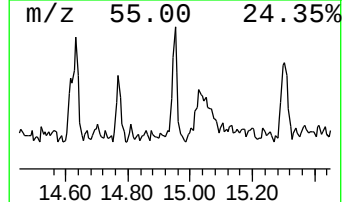
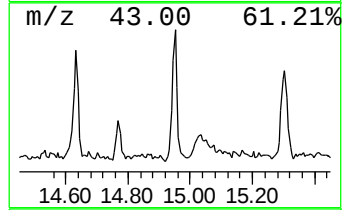
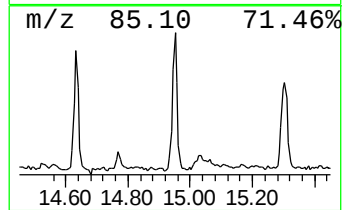
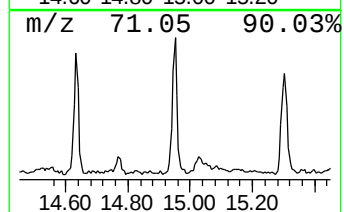
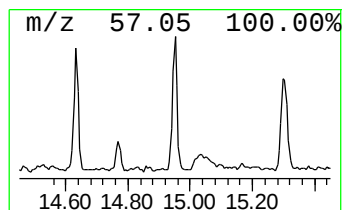
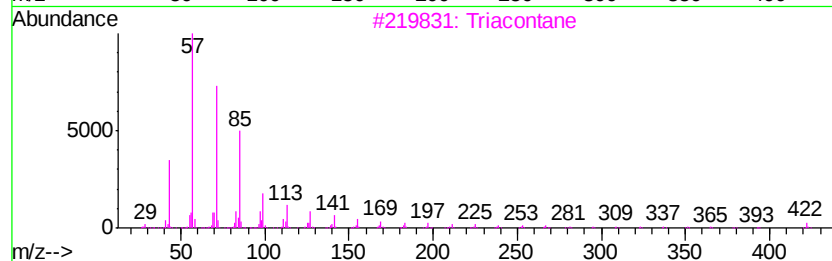
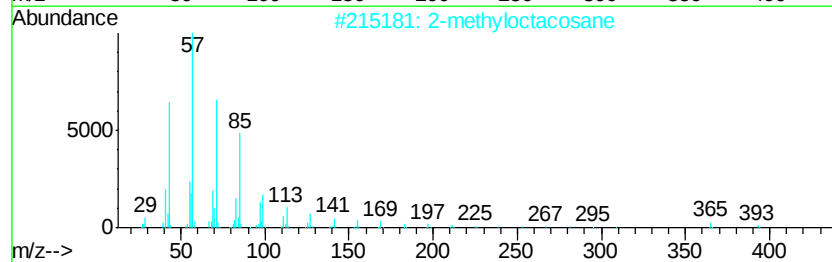
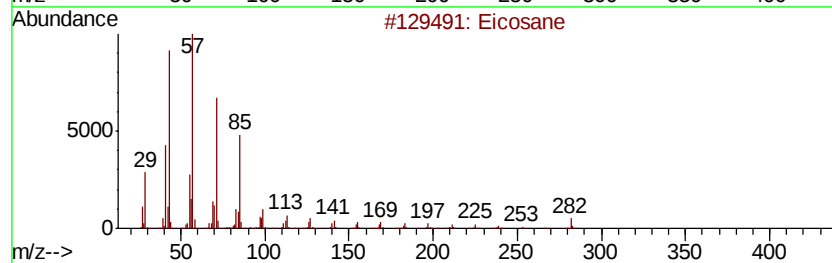
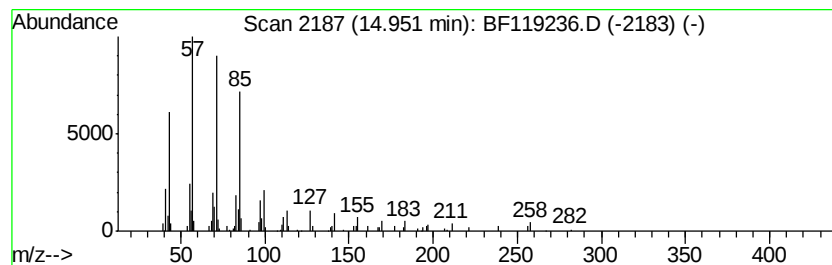
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	2.60 ng	120961	Perylene-d12	15.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	95
2	2-methyloctacosane	408 C29H60	1000376-72-8	91
3	Triacontane	422 C30H62	000638-68-6	91
4	Heneicosane	296 C21H44	000629-94-7	90
5	Tetratetracontane	619 C44H90	007098-22-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	11.77	3.4	ng	225639	4	11.24	1339390	20.0
Behenic alcohol	13.74	10.2	ng	476099	5	13.88	932076	20.0
Hexacosane	14.63	2.4	ng	110021	6	15.30	930766	20.0
Eicosane	14.95	2.6	ng	120961	6	15.30	930766	20.0