

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
 Data File : BF118711.D
 Acq On : 25 Jan 2020 5:26
 Operator : CG/JU
 Sample : L1241-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-9

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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	2.152	5	11	19	rVB	1061805	1491381	28.36%	3.677%
2	5.087	502	510	516	rVB2	58779	88496	1.68%	0.218%
3	5.487	573	578	581	rBV	4516464	4151714	78.96%	10.235%
4	6.487	743	748	760	rBV	3858236	4226186	80.37%	10.419%
5	6.863	808	812	816	rVB	1712350	1317058	25.05%	3.247%
6	7.022	835	839	842	rBV	4526895	3758933	71.49%	9.267%
7	7.422	902	907	910	rBV	2872977	2647138	50.34%	6.526%
8	8.145	1026	1030	1033	rBV	2011430	1622466	30.86%	4.000%
9	8.822	1138	1145	1157	rBV	123411	149392	2.84%	0.368%
10	9.216	1208	1212	1216	rBV	5659838	5258149	100.00%	12.963%
11	9.610	1274	1279	1282	rBV	731563	652543	12.41%	1.609%
12	9.898	1324	1328	1332	rBV	2107387	1755555	33.39%	4.328%
13	10.680	1457	1461	1465	rBV	3012926	2644382	50.29%	6.519%
14	11.380	1576	1580	1584	rBV	1691333	1465930	27.88%	3.614%
15	11.904	1666	1669	1673	rBV	284154	271988	5.17%	0.671%
16	11.939	1673	1675	1679	rVB	74411	61366	1.17%	0.151%
17	12.616	1787	1790	1793	rBV3	35361	55223	1.05%	0.136%
18	12.686	1799	1802	1805	rBV2	72223	80966	1.54%	0.200%
19	12.845	1826	1829	1830	rBV	56128	54713	1.04%	0.135%
20	12.963	1845	1849	1852	rBV	4793082	4268087	81.17%	10.522%
21	13.198	1886	1889	1891	rBV2	74406	63212	1.20%	0.156%
22	13.321	1908	1910	1914	rBV2	58634	58420	1.11%	0.144%
23	13.539	1944	1947	1949	rBV2	128480	129228	2.46%	0.319%
24	13.857	1998	2001	2005	rBV	427284	509964	9.70%	1.257%
25	14.015	2024	2028	2032	rVB	1498670	1448589	27.55%	3.571%
26	14.180	2054	2056	2061	rVB2	111849	122068	2.32%	0.301%
27	14.280	2071	2073	2077	rBV3	106723	145175	2.76%	0.358%
28	14.486	2105	2108	2118	rBV3	189058	297480	5.66%	0.733%
29	14.792	2158	2160	2168	rVB	161572	207525	3.95%	0.512%
30	15.480	2272	2277	2280	rBV	1267537	1560486	29.68%	3.847%

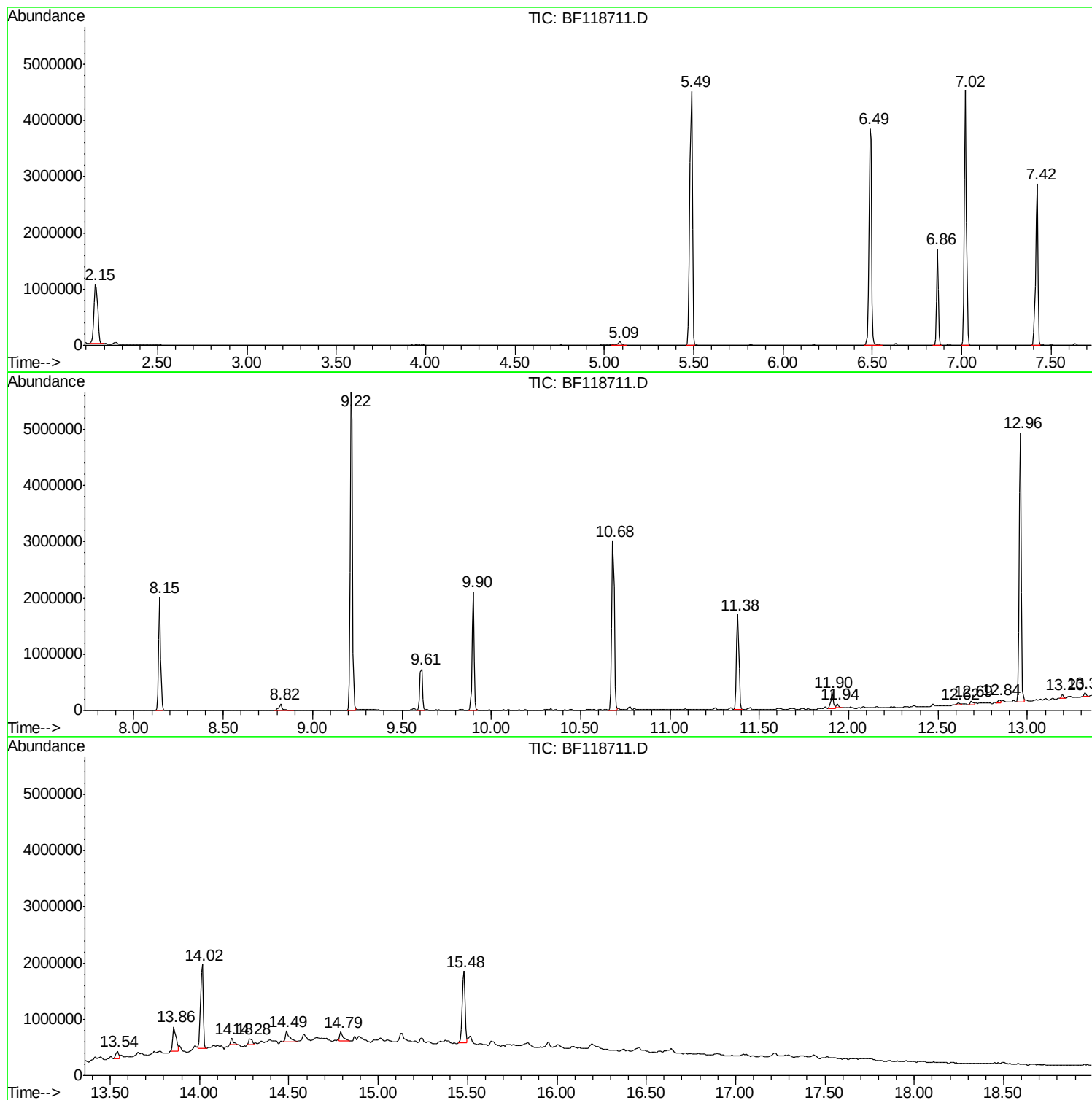
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Instrument :
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ClientSampled :
EP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.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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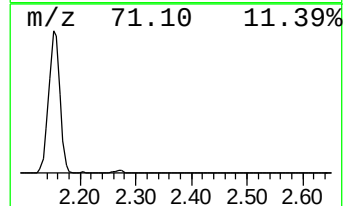
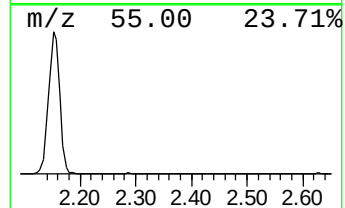
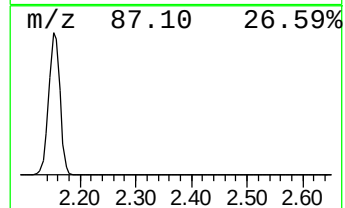
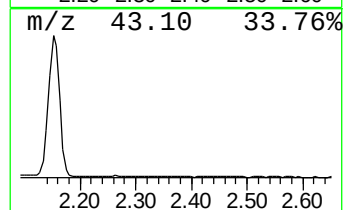
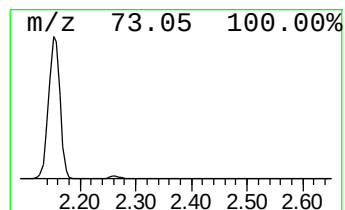
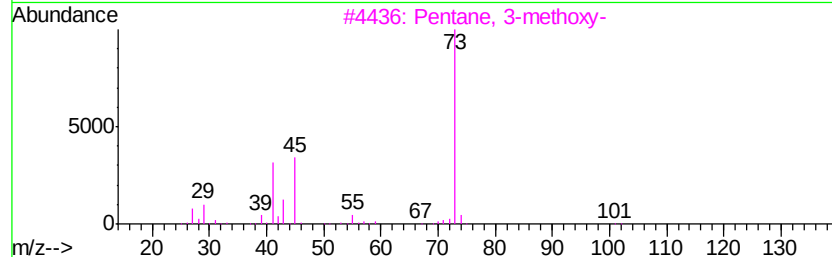
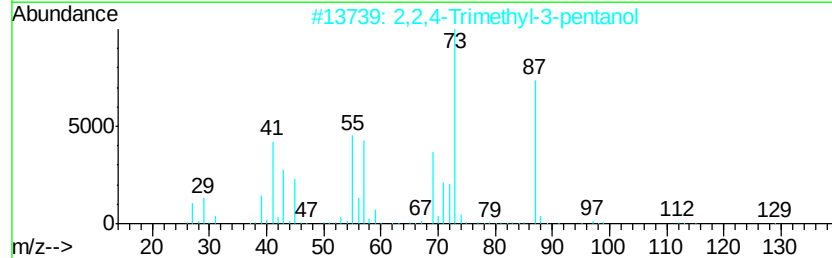
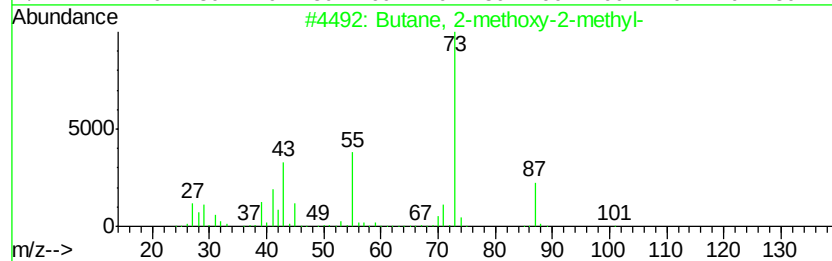
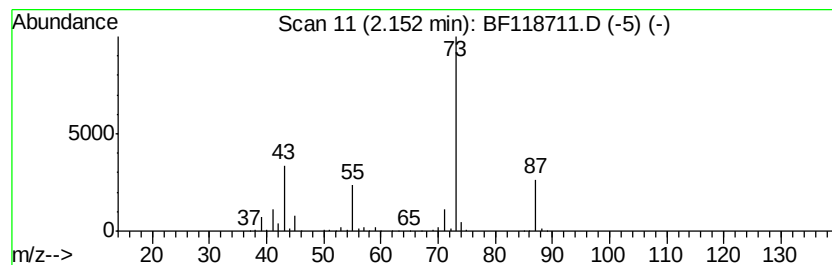
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	22.65 ng	1491380	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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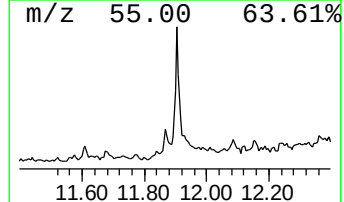
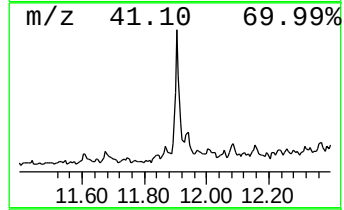
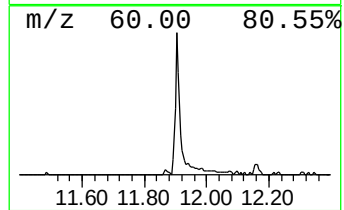
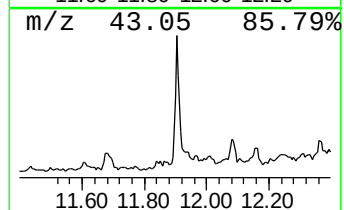
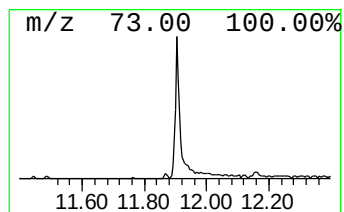
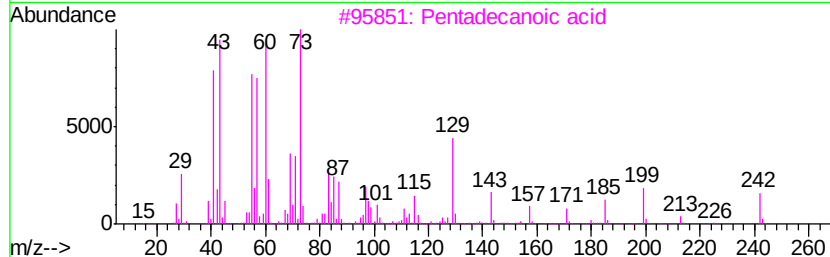
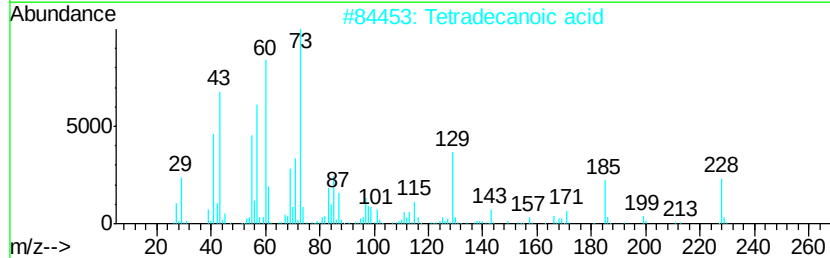
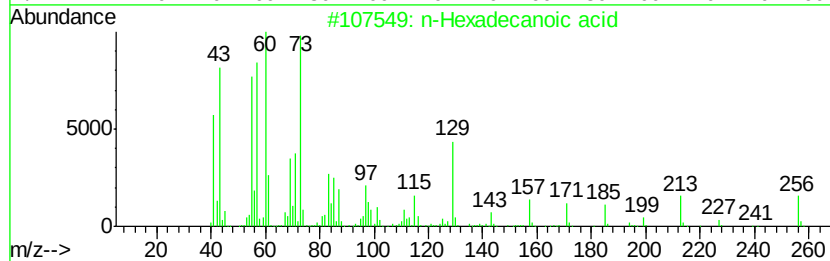
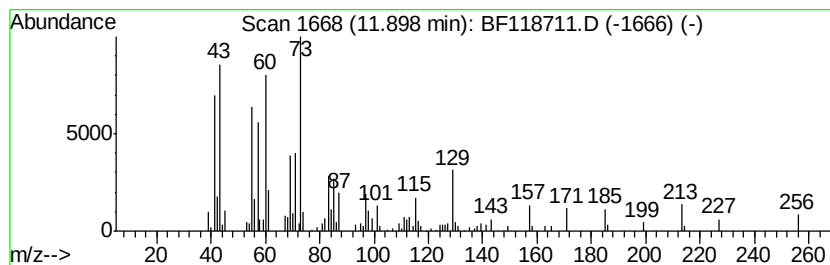
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	3.71 ng	271988	Phenanthrene-d10	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76



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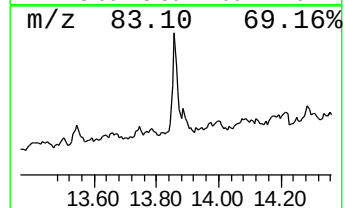
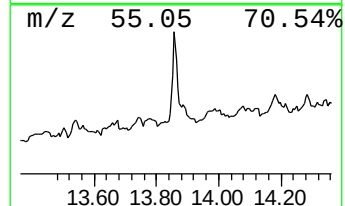
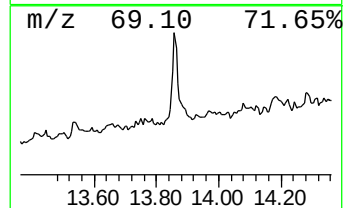
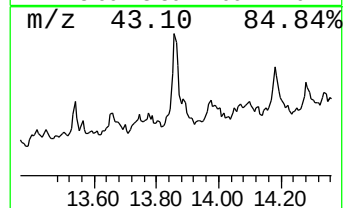
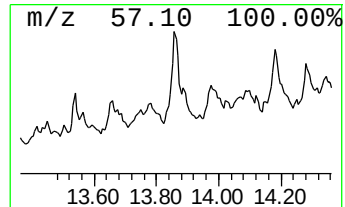
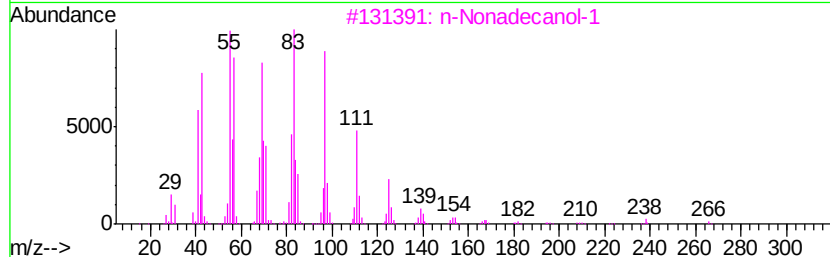
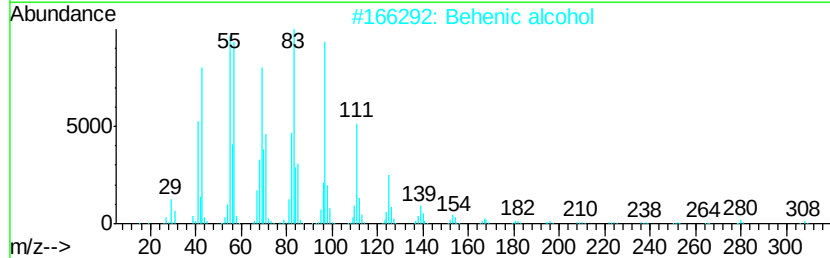
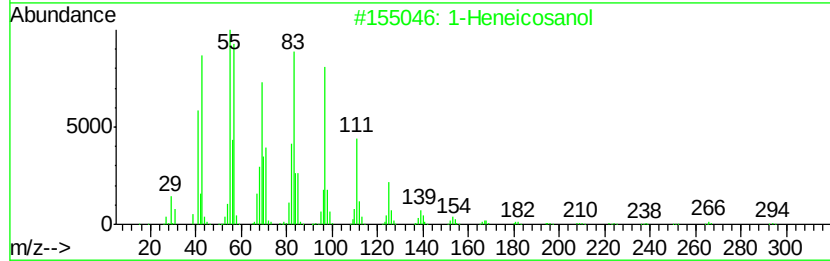
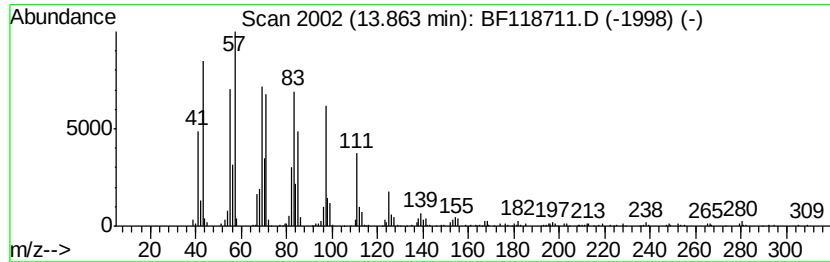
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	7.04 ng	509964	Chrysene-d12	14.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Heneicosanol	312 C21H44O	015594-90-8 93
2		Behenic alcohol	326 C22H46O	000661-19-8 93
3		n-Nonadecanol-1	284 C19H40O	001454-84-8 93
4		Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3 91
5		Cyclopentadecane	210 C15H30	000295-48-7 89



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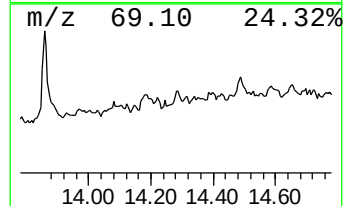
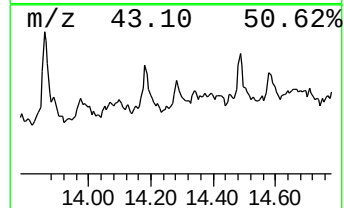
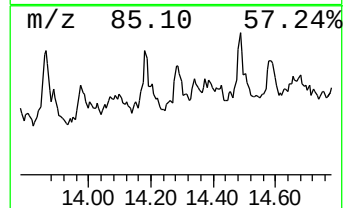
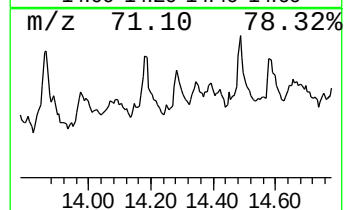
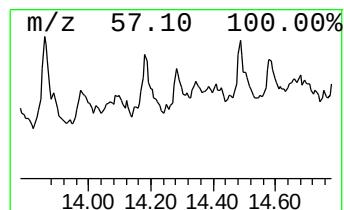
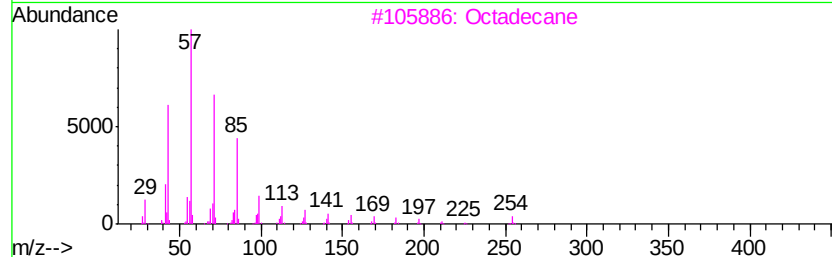
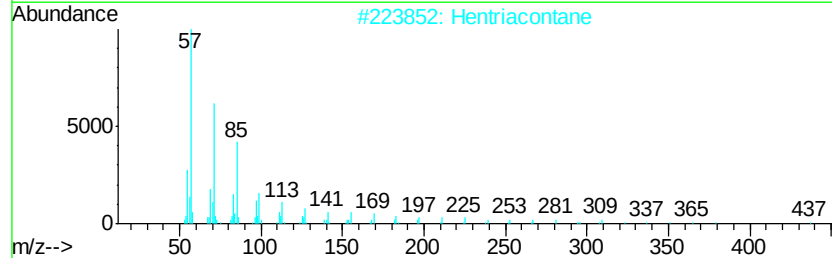
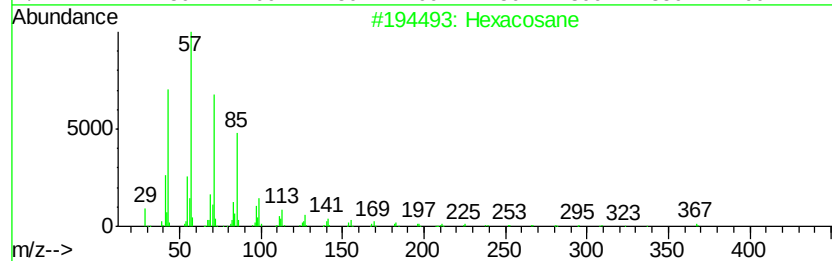
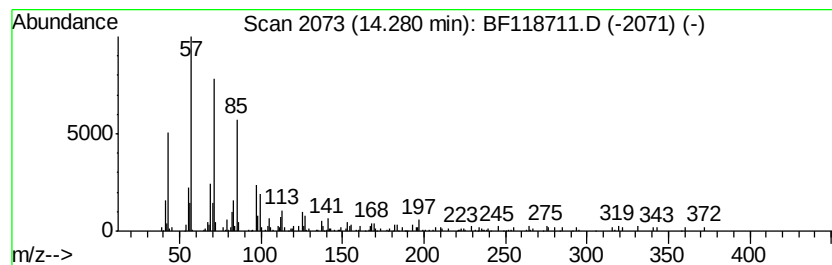
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	2.00 ng	145175	Chrysene-d12	14.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	87
2	Hentriacontane	437 C31H64	000630-04-6	86
3	Octadecane	254 C18H38	000593-45-3	83
4	Heptacosane	380 C27H56	000593-49-7	83
5	2-Bromotetradecane	276 C14H29Br	074036-95-6	83



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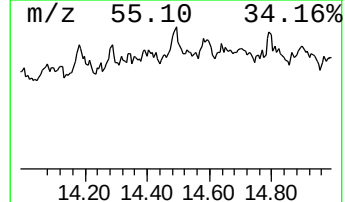
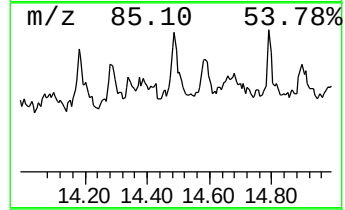
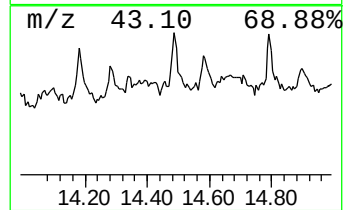
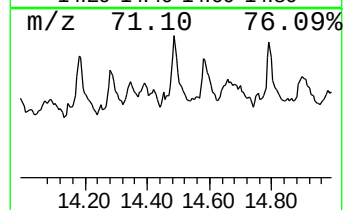
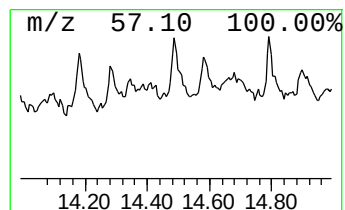
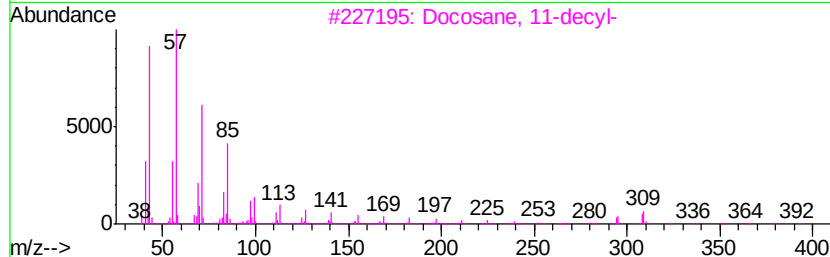
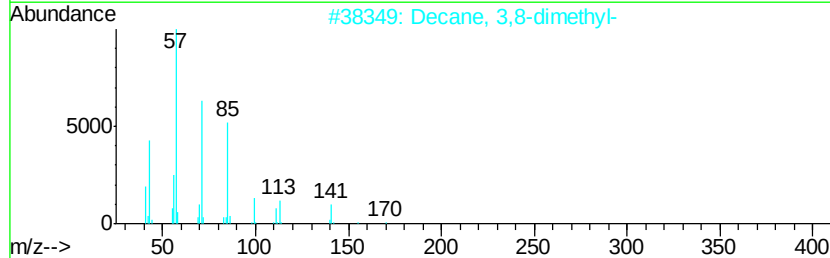
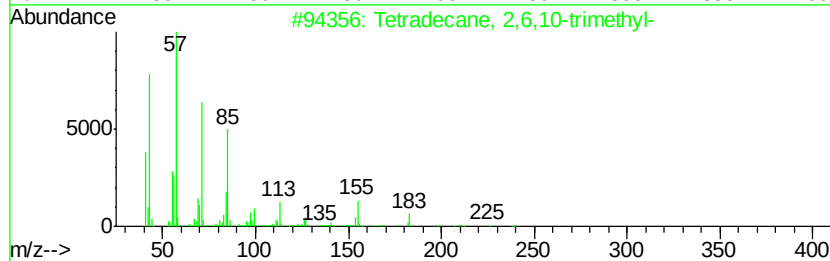
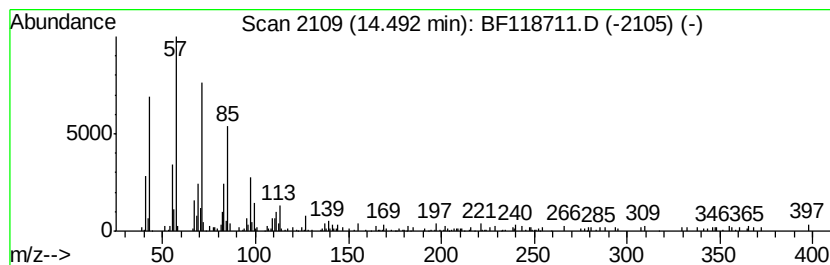
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tetradecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.49	4.11 ng	297480	Chrysene-d12	14.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	81
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	76
3	Docosane, 11-decyl-	451	C32H66	055401-55-3	72
4	Heneicosane	296	C21H44	000629-94-7	72
5	Triacontane	422	C30H62	000638-68-6	72



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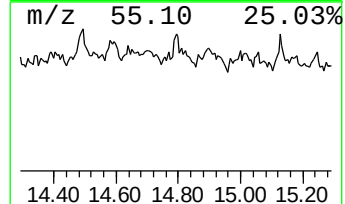
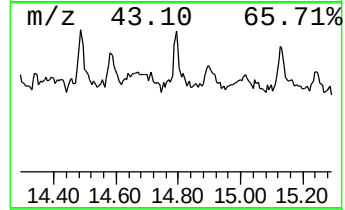
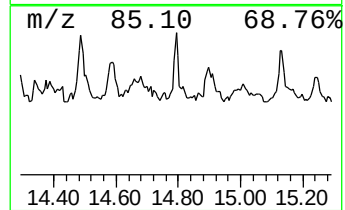
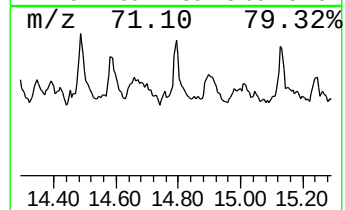
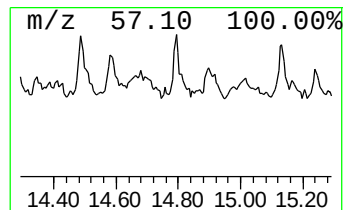
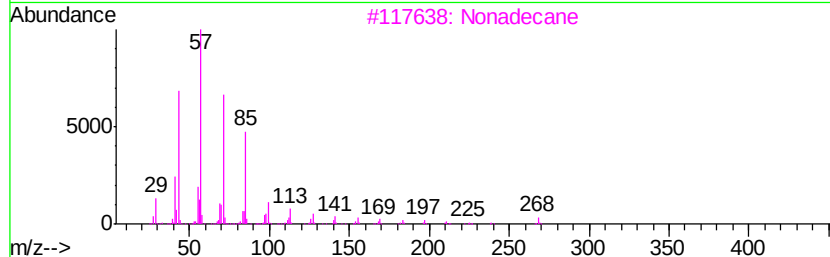
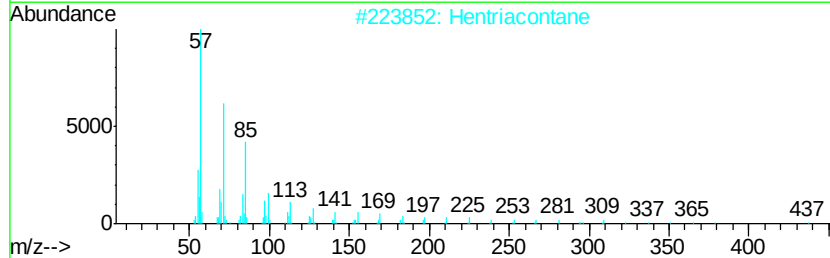
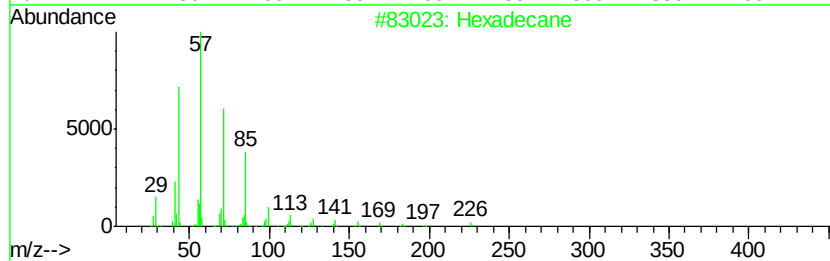
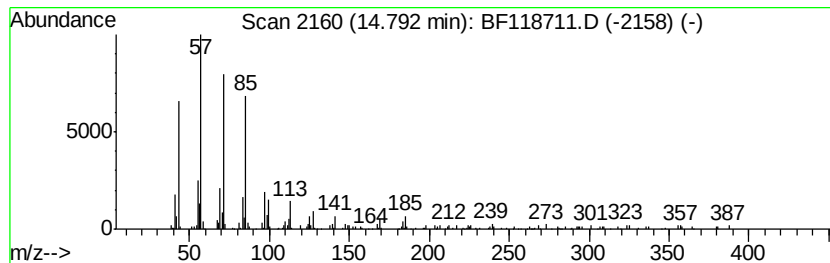
Instrument :
BNA_F
ClientSampleId :
EP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.66 ng	207525	Perylene-d12	15.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	87
2	Hentriacontane	437 C31H64	000630-04-6	86
3	Nonadecane	268 C19H40	000629-92-5	83
4	Pentadecane	212 C15H32	000629-62-9	83
5	Octadecane	254 C18H38	000593-45-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012420\
Data File : BF118711.D
Acq On : 25 Jan 2020 5:26
Operator : CG/JU
Sample : L1241-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP-9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.15	22.6	ng	1491380	1	6.86	1317060	20.0
n-Hexadecanoic acid	11.90	3.7	ng	271988	4	11.38	1465930	20.0
1-Heneicosanol	13.86	7.0	ng	509964	5	14.02	1448590	20.0
Hexacosane	14.28	2.0	ng	145175	5	14.02	1448590	20.0
Tetradecane, 2,6,...	14.49	4.1	ng	297480	5	14.02	1448590	20.0
Hexadecane	14.79	2.7	ng	207525	6	15.48	1560490	20.0