

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
 Data File : BF118695.D
 Acq On : 24 Jan 2020 19:42
 Operator : CG/JU
 Sample : L1007-19 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-012320-C

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	5.475	572	576	580	rBV	983500	838213	14.68%	2.473%
2	6.481	743	747	755	rBV	997353	821746	14.39%	2.425%
3	6.863	808	812	816	rBV	1802297	1431875	25.08%	4.225%
4	7.022	835	839	842	rBV	821907	723484	12.67%	2.135%
5	7.416	900	906	910	rBV	621223	501580	8.78%	1.480%
6	8.145	1025	1030	1033	rBV	2381883	1913986	33.52%	5.648%
7	8.739	1128	1131	1135	rBV2	121754	114773	2.01%	0.339%
8	9.216	1209	1212	1216	rBV	1288821	1064561	18.64%	3.141%
9	9.304	1223	1227	1231	rBV	196176	185149	3.24%	0.546%
10	9.610	1276	1279	1281	rBV	167630	164486	2.88%	0.485%
11	9.834	1314	1317	1322	rVB	250331	202968	3.55%	0.599%
12	9.898	1322	1328	1332	rBV	2712180	2308987	40.44%	6.813%
13	9.945	1332	1336	1339	rVV	283497	235555	4.13%	0.695%
14	10.157	1368	1372	1376	rBV6	57018	75985	1.33%	0.224%
15	10.333	1399	1402	1405	rVB	285490	224992	3.94%	0.664%
16	10.557	1434	1440	1445	rBV	113055	153251	2.68%	0.452%
17	10.681	1457	1461	1465	rBV	684167	606932	10.63%	1.791%
18	10.804	1479	1482	1490	rVB	304869	367325	6.43%	1.084%
19	10.904	1496	1499	1504	rVB	200391	170669	2.99%	0.504%
20	11.251	1555	1558	1561	rBV	257079	214063	3.75%	0.632%
21	11.286	1561	1564	1570	rVB2	115780	135962	2.38%	0.401%
22	11.380	1576	1580	1583	rBV	2240717	1973884	34.57%	5.824%
23	11.404	1583	1584	1587	rVB	186310	109204	1.91%	0.322%
24	11.680	1627	1631	1633	rBV	222606	196285	3.44%	0.579%
25	11.775	1644	1647	1651	rBV	2067092	1665136	29.16%	4.913%
26	11.904	1667	1669	1673	rVB2	168724	158341	2.77%	0.467%
27	12.086	1697	1700	1704	rVB	168891	163494	2.86%	0.482%
28	12.463	1760	1764	1766	rBV	4524425	4656324	81.55%	13.739%
29	12.486	1766	1768	1774	rVV	6591574	5709702	100.00%	16.847%
30	12.569	1778	1782	1784	rBV	761332	709256	12.42%	2.093%
31	12.592	1784	1786	1788	rVV	337186	291189	5.10%	0.859%
32	12.616	1788	1790	1799	rVV	269585	376310	6.59%	1.110%
33	12.692	1800	1803	1807	rVB6	59476	75531	1.32%	0.223%
34	12.804	1819	1822	1823	rBV2	163575	168735	2.96%	0.498%

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JC-03-012320-C

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

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

35	12.822	1823	1825	1827	rVV	251783	206793	3.62%	0.610%
36	12.845	1827	1829	1831	rVB	97243	76855	1.35%	0.227%
37	12.963	1846	1849	1853	rVB	982466	843210	14.77%	2.488%
38	13.127	1874	1877	1879	rBV	145855	143327	2.51%	0.423%
39	13.216	1887	1892	1895	rVB3	171366	234539	4.11%	0.692%
40	13.292	1902	1905	1908	rBV	113814	101034	1.77%	0.298%
41	14.016	2024	2028	2031	rBV	1743624	1621650	28.40%	4.785%
42	14.486	2106	2108	2111	rBV2	99535	92802	1.63%	0.274%
43	15.133	2215	2218	2221	rBV	148408	186389	3.26%	0.550%
44	15.480	2273	2277	2281	rBV	1382656	1674264	29.32%	4.940%

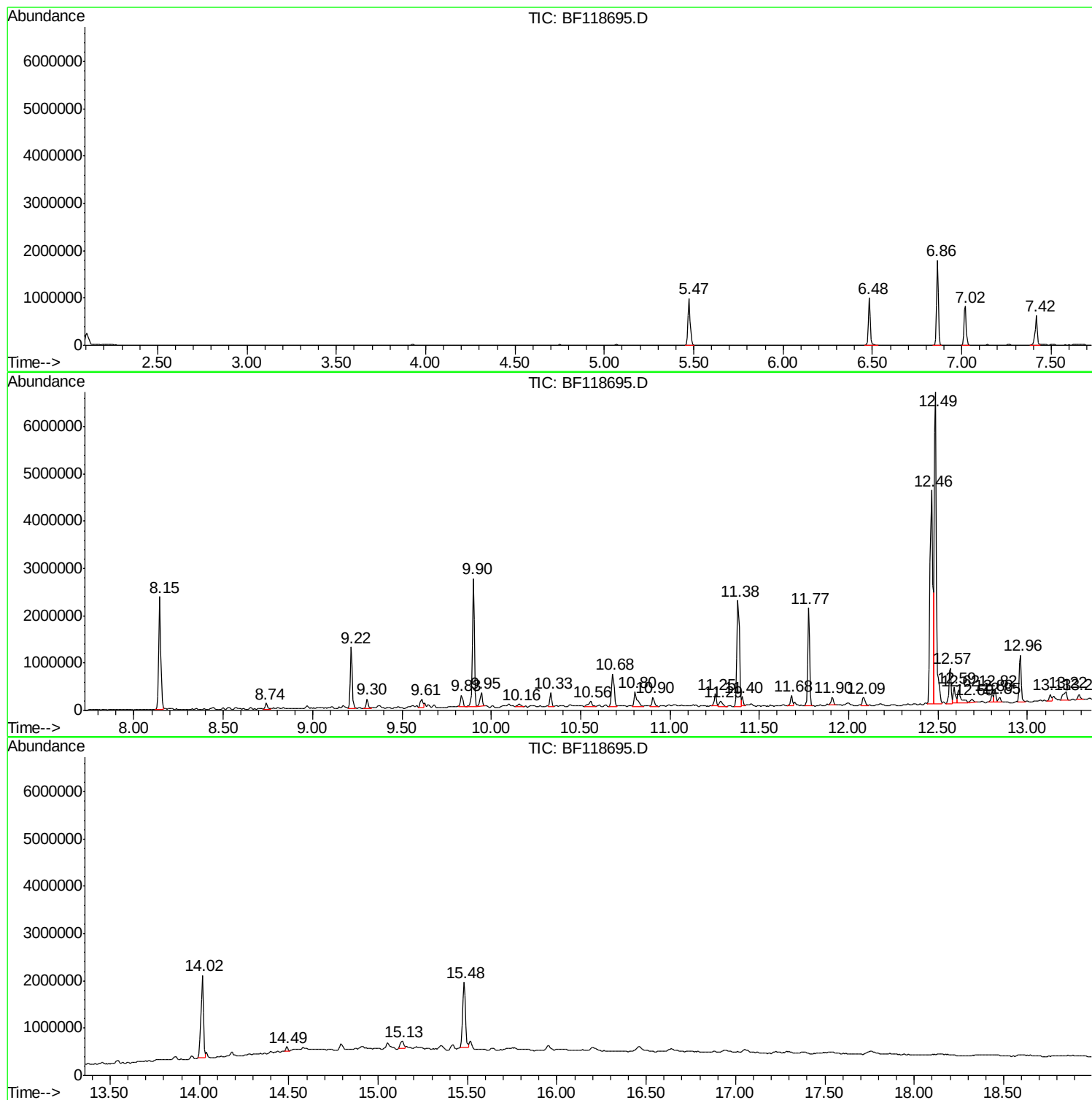
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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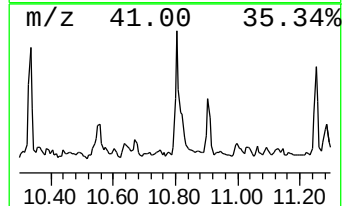
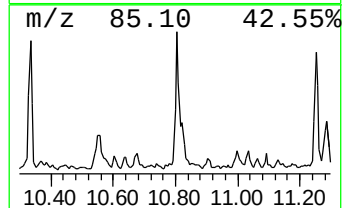
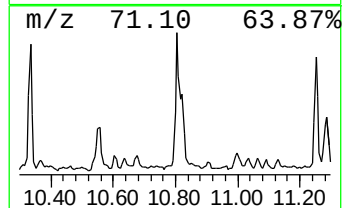
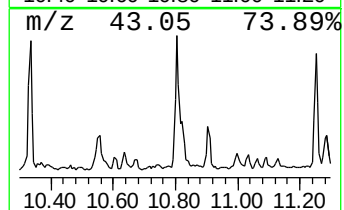
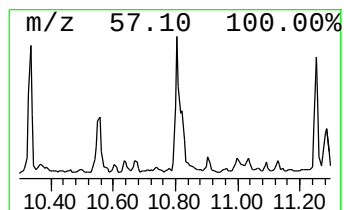
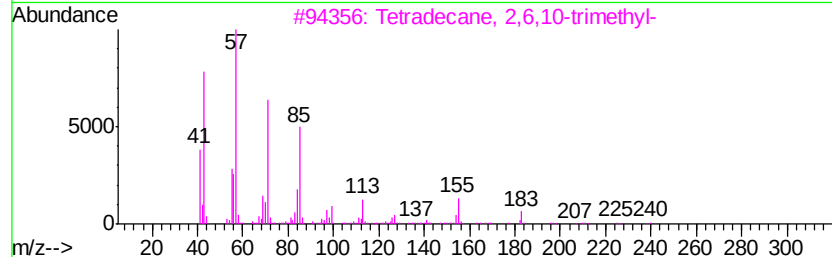
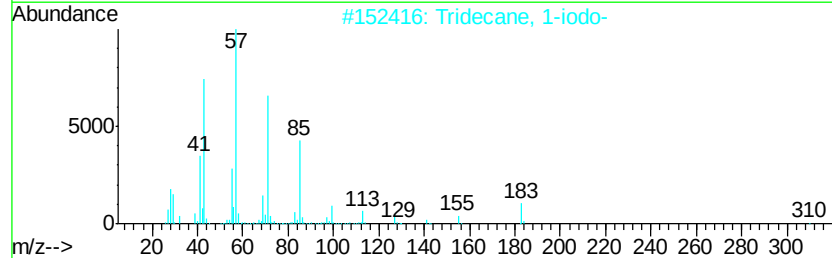
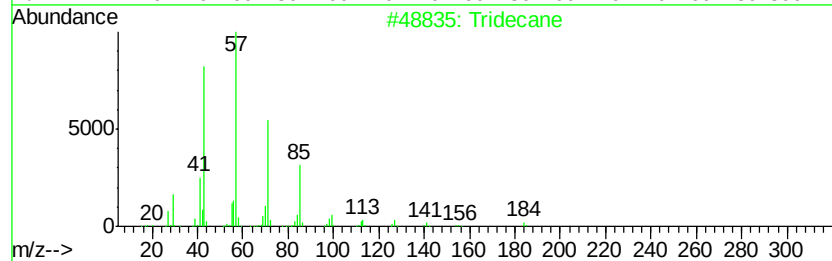
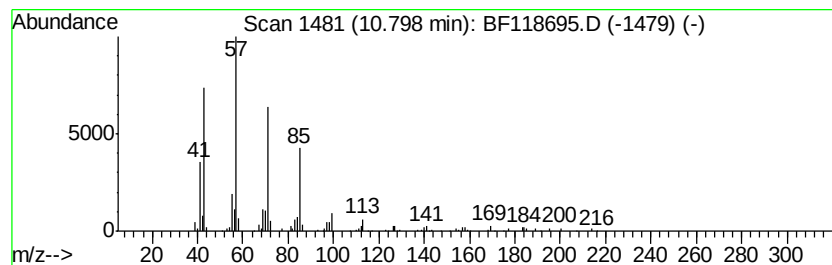
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.80	3.72 ng	367325	Phenanthrene-d10	11.38	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Pentadecane	212	C15H32	000629-62-9	86



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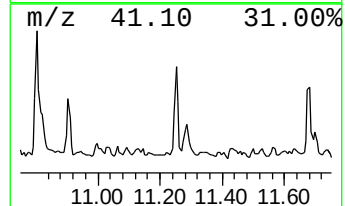
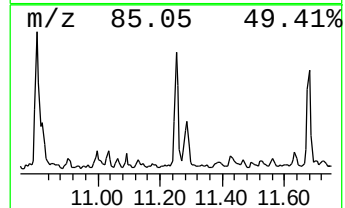
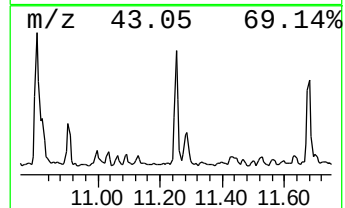
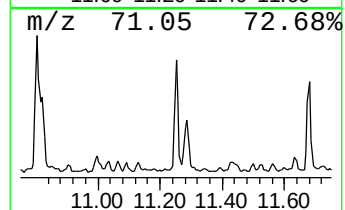
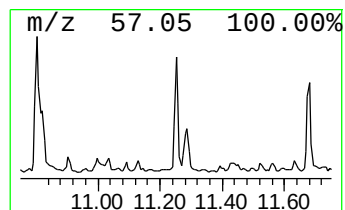
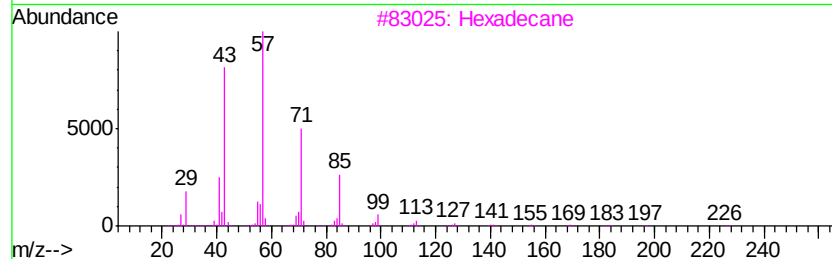
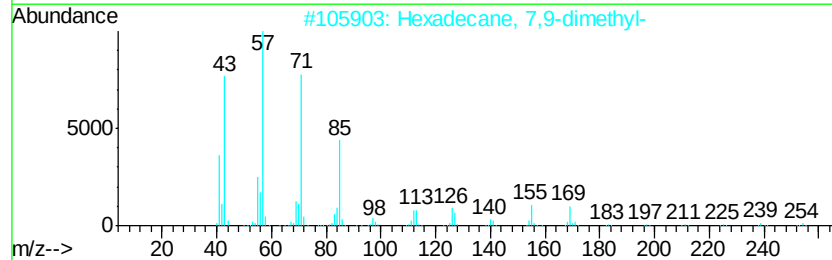
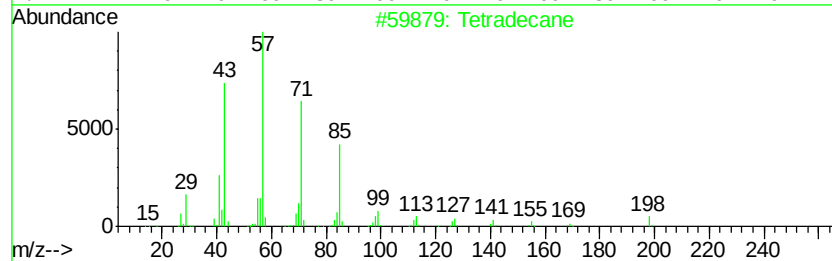
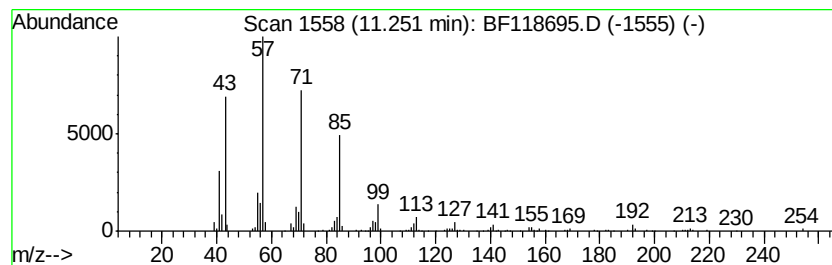
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	2.17 ng	214063	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5		Heptadecane	240	C17H36	000629-78-7	90



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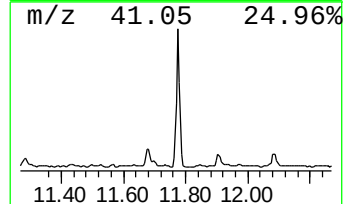
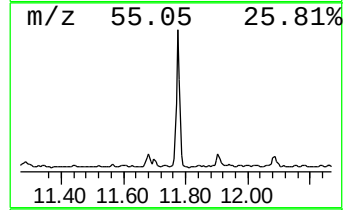
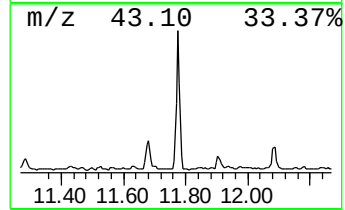
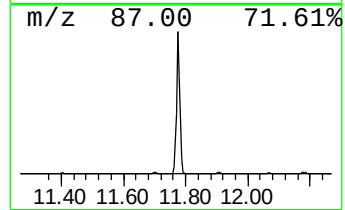
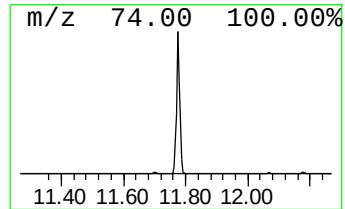
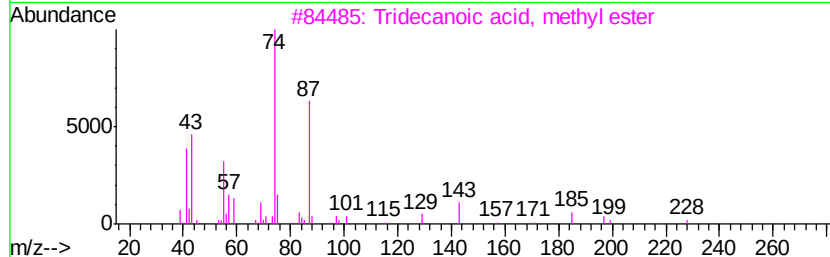
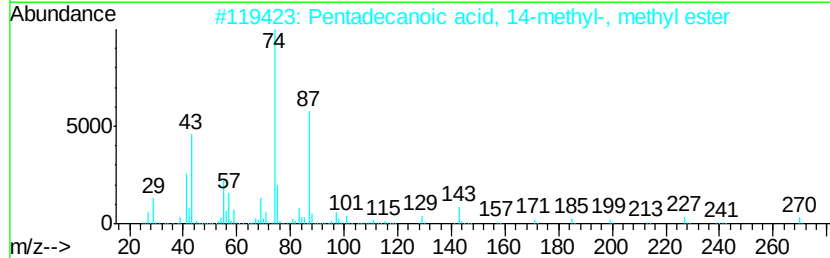
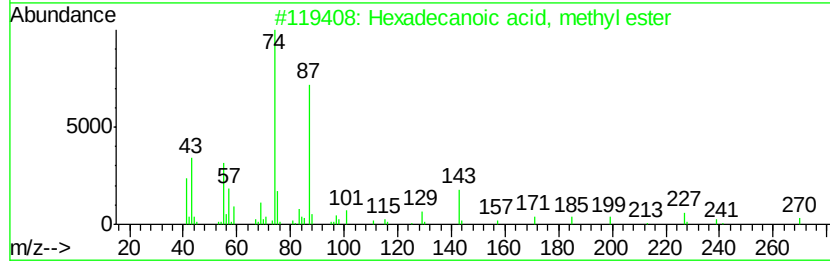
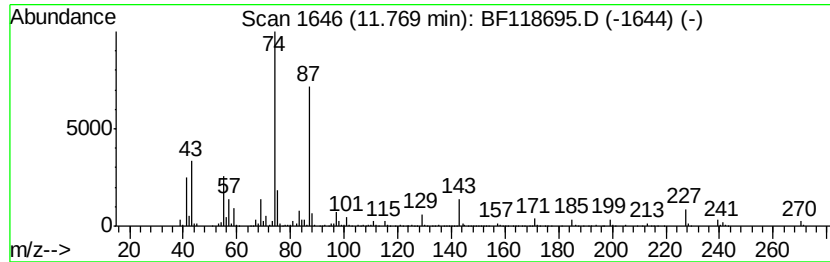
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	16.87 ng	1665140	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80



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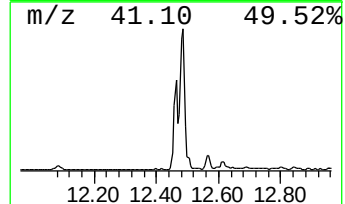
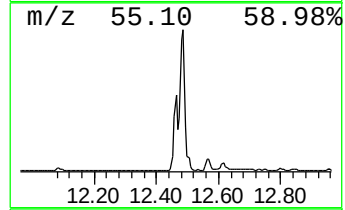
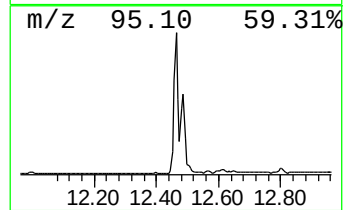
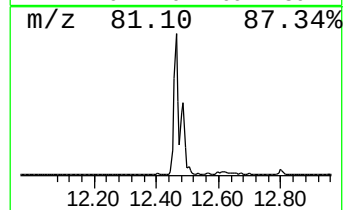
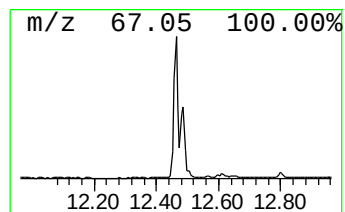
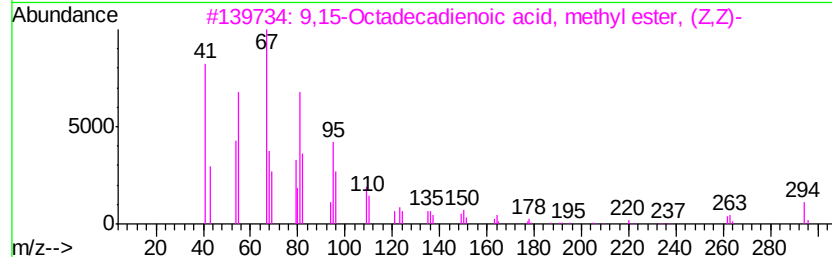
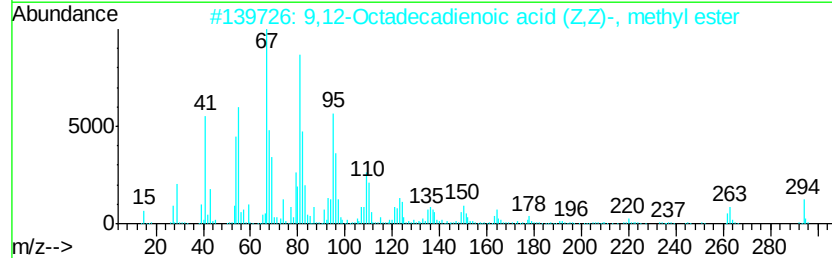
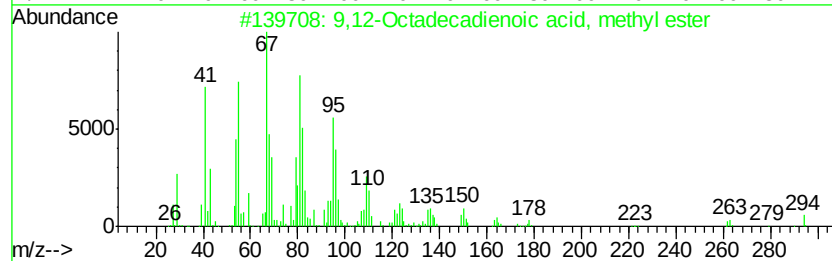
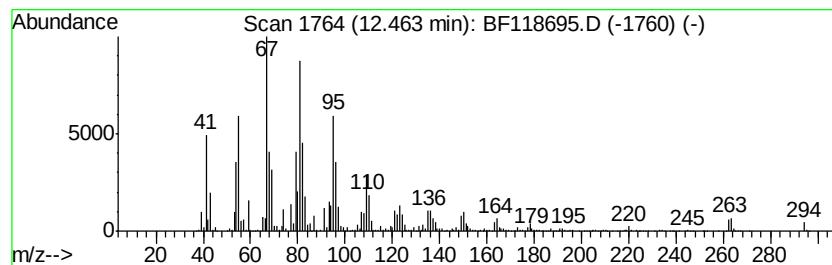
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Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	47.18 ng	4656320	Phenanthrene-d10	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99



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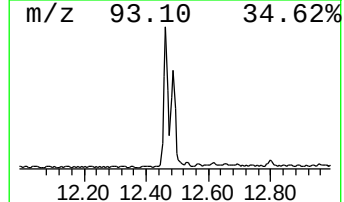
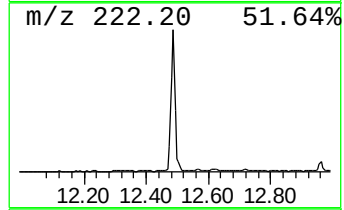
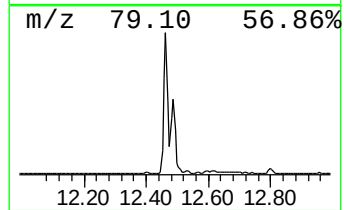
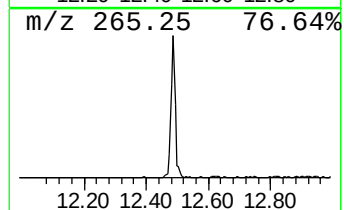
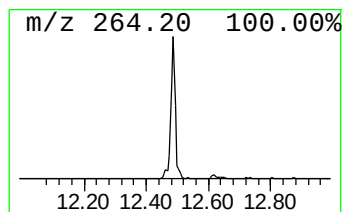
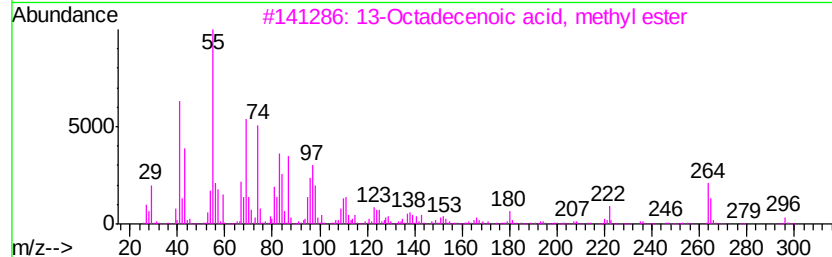
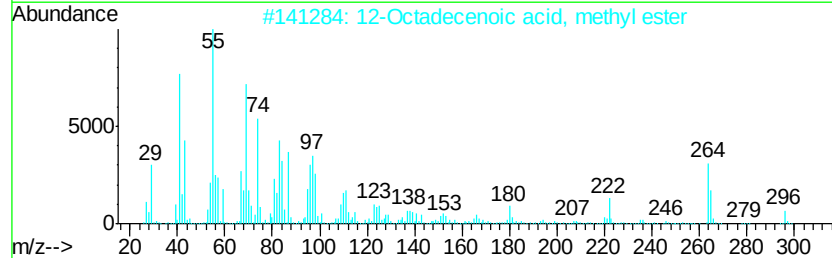
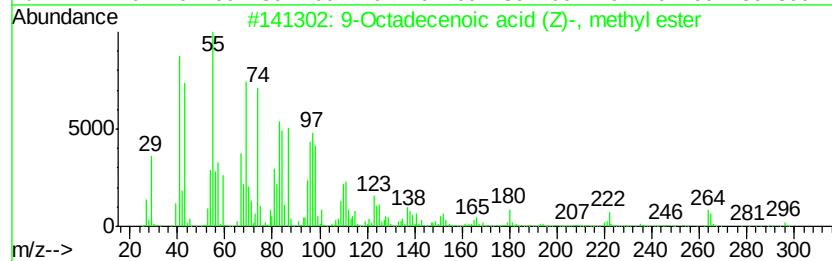
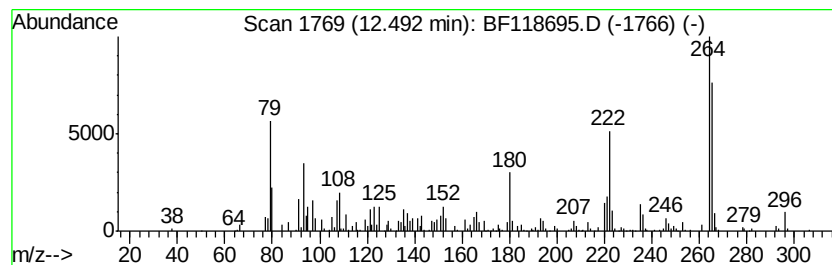
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TIC Integration Parameters: LSCINT.P

Peak Number 6 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.49	57.85 ng	5709700	Phenanthrene-d10	11.38	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118695.D
Acq On : 24 Jan 2020 19:42
Operator : CG/JU
Sample : L1007-19 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

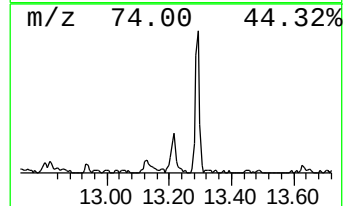
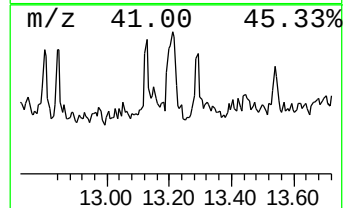
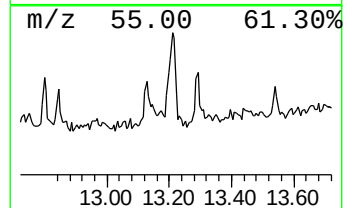
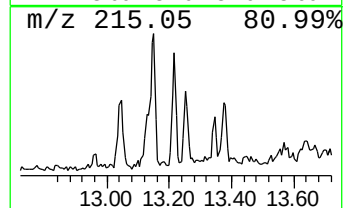
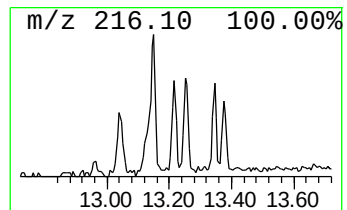
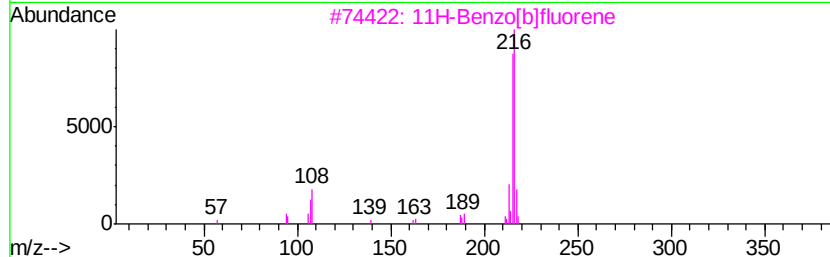
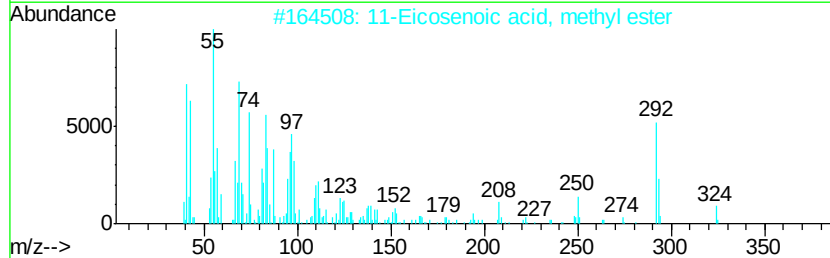
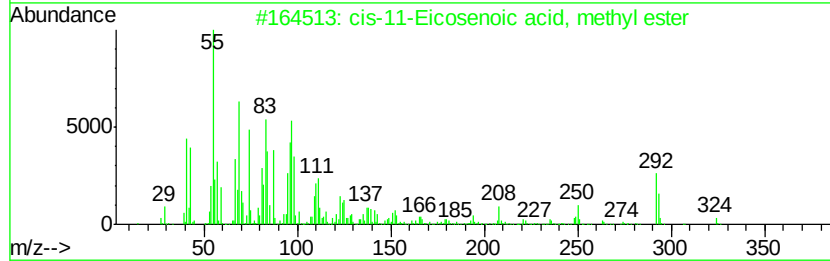
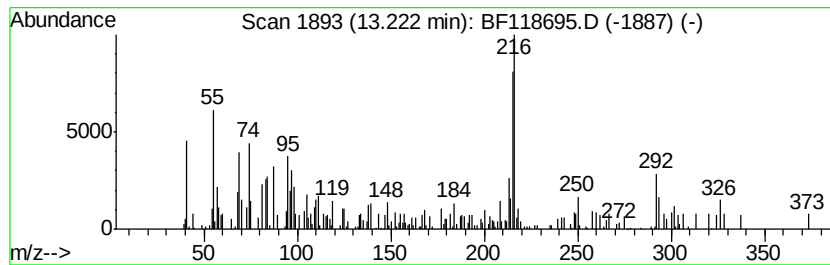
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 cis-11-Eicosenoic acid, met... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.22	2.89 ng	234539	Chrysene-d12	14.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	93
2	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	91
3	11H-Benzo[blfluorene	216	C17H12	000243-17-4	86
4	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	66
5	Methyl 9-eicosenoate	324	C21H40O2	1000336-50-5	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
Data File : BF118695.D
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Sample : L1007-19 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-012320-C

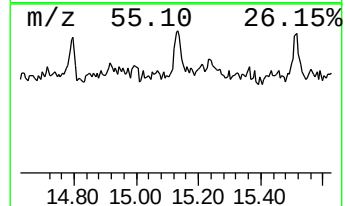
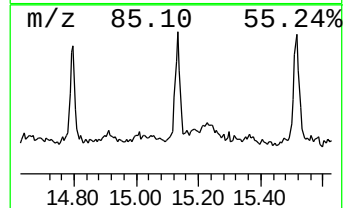
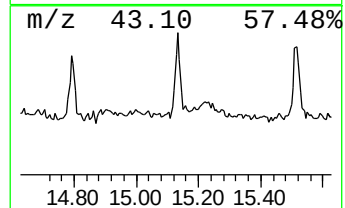
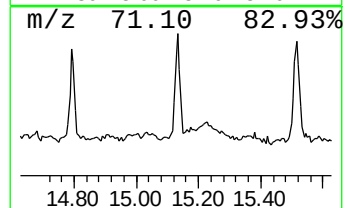
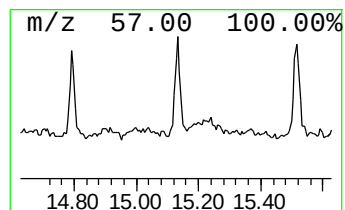
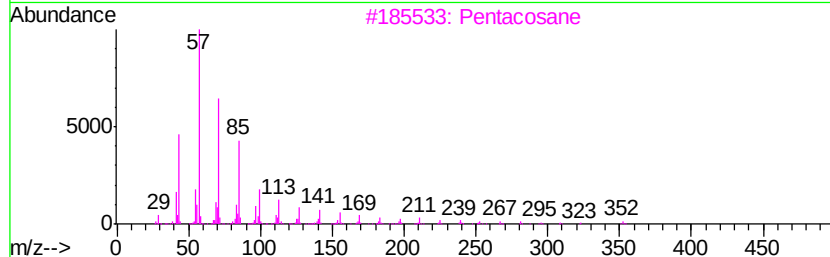
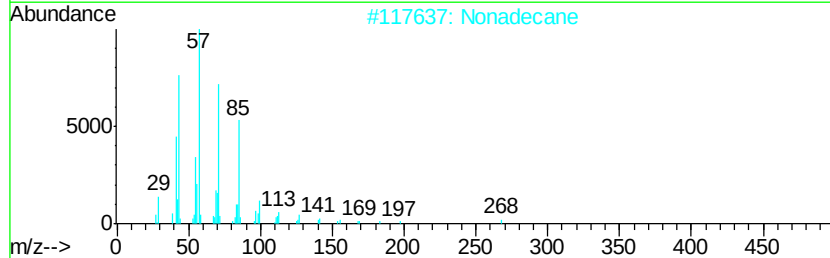
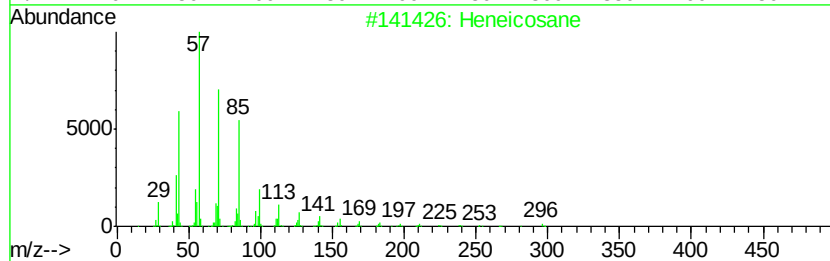
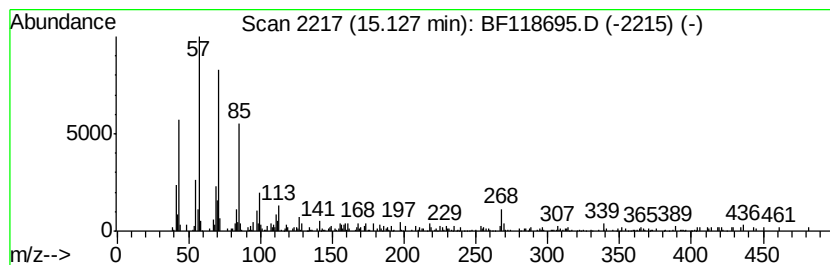
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	2.23 ng	186389	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Nonadecane	268	C19H40	000629-92-5	87
3		Pentacosane	352	C25H52	000629-99-2	87
4		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87
5		Docosane	310	C22H46	000629-97-0	83



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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-012320-C

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
Tridecane	10.80	3.7	ng	367325	4	11.38	1973880	20.0
Tetradecane	11.25	2.2	ng	214063	4	11.38	1973880	20.0
Hexadecanoic acid...	11.77	16.9	ng	1665140	4	11.38	1973880	20.0
9,12-Octadecadien...	12.46	47.2	ng	4656320	4	11.38	1973880	20.0
9-Octadecenoic ac...	12.49	57.9	ng	5709700	4	11.38	1973880	20.0
cis-11-Eicosenoic...	13.22	2.9	ng	234539	5	14.02	1621650	20.0
Heneicosane	15.13	2.2	ng	186389	6	15.48	1674260	20.0