

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118761.D
 Acq On : 30 Jan 2020 19:47
 Operator : CG/JU
 Sample : L1313-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-36

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	5.457	568	573	576	rBV	4781185	4545790	68.36%	7.655%
2	6.463	739	744	748	rBV	4340406	4649902	69.93%	7.830%
3	6.839	804	808	811	rBV	1843391	1499753	22.55%	2.526%
4	6.998	830	835	838	rBV	4674123	4043530	60.81%	6.809%
5	7.398	898	903	906	rBV	3437681	3112184	46.80%	5.241%
6	8.122	1022	1026	1029	rBV	2439900	2000548	30.09%	3.369%
7	9.198	1204	1209	1212	rBV	6752314	5923836	89.09%	9.976%
8	9.586	1272	1275	1279	rBV	355503	269128	4.05%	0.453%
9	9.875	1320	1324	1328	rBV	2900021	2506937	37.70%	4.222%
10	10.663	1453	1458	1462	rBV	4897123	4470851	67.24%	7.529%
11	11.363	1573	1577	1579	rBV	3004460	2738296	41.18%	4.611%
12	11.380	1579	1580	1584	rVV	661819	537887	8.09%	0.906%
13	11.433	1584	1589	1592	rVB2	120966	125791	1.89%	0.212%
14	11.586	1609	1615	1618	rBV	96276	103107	1.55%	0.174%
15	11.863	1659	1662	1664	rBV	110256	96672	1.45%	0.163%
16	11.892	1664	1667	1672	rVV	548944	520474	7.83%	0.876%
17	11.974	1677	1681	1683	rBV2	148413	147825	2.22%	0.249%
18	12.157	1707	1712	1714	rBV2	80218	111490	1.68%	0.188%
19	12.174	1714	1715	1720	rVB	105981	89934	1.35%	0.151%
20	12.410	1752	1755	1758	rBV	69939	68281	1.03%	0.115%
21	12.492	1767	1769	1775	rVB3	70610	77881	1.17%	0.131%
22	12.574	1779	1783	1786	rBV	1302356	1143326	17.19%	1.925%
23	12.674	1797	1800	1803	rBV2	102643	114853	1.73%	0.193%
24	12.798	1815	1821	1825	rBV	996365	1113937	16.75%	1.876%
25	12.851	1827	1830	1835	rVB2	60265	71103	1.07%	0.120%
26	12.951	1842	1847	1850	rVB	6729396	6649320	100.00%	11.197%
27	13.021	1853	1859	1862	rBV2	82070	136025	2.05%	0.229%
28	13.104	1871	1873	1875	rBV2	60822	70555	1.06%	0.119%
29	13.127	1875	1877	1880	rVB	144901	132299	1.99%	0.223%
30	13.198	1885	1889	1891	rVB	86200	82540	1.24%	0.139%
31	13.233	1891	1895	1898	rBV	130316	137522	2.07%	0.232%
32	13.633	1957	1963	1968	rBV	104341	126923	1.91%	0.214%
33	13.745	1978	1982	1985	rBV2	95047	128233	1.93%	0.216%
34	13.798	1989	1991	1995	rVV2	66741	77597	1.17%	0.131%

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35	13.845	1995	1999	2005	rVV	812812	877044	13.19%	1.477%
36	13.998	2017	2025	2028	rBV2	2925241	3220898	48.44%	5.424%
37	14.021	2028	2029	2035	rVB	530262	413981	6.23%	0.697%
38	14.168	2051	2054	2059	rVB4	136342	175203	2.63%	0.295%
39	14.215	2059	2062	2067	rBV2	59718	81580	1.23%	0.137%
40	14.386	2087	2091	2094	rVB	87628	88096	1.32%	0.148%
41	14.421	2094	2097	2100	rVB2	82207	79703	1.20%	0.134%
42	14.474	2100	2106	2110	rBV3	264285	304677	4.58%	0.513%
43	14.580	2119	2124	2130	rVB5	44500	87007	1.31%	0.147%
44	14.780	2153	2158	2167	rBV	278229	323887	4.87%	0.545%
45	14.857	2167	2171	2182	rVB2	134218	191394	2.88%	0.322%
46	15.033	2196	2201	2204	rBV	390696	620150	9.33%	1.044%
47	15.115	2211	2215	2223	rBV3	321141	477057	7.17%	0.803%
48	15.333	2248	2252	2257	rVB	226192	297852	4.48%	0.502%
49	15.392	2258	2262	2268	rVB	301846	370300	5.57%	0.624%
50	15.457	2268	2273	2277	rBV	1832914	2298959	34.57%	3.871%
51	15.498	2277	2280	2286	rVB2	307255	423033	6.36%	0.712%
52	15.927	2349	2353	2358	rBV	204388	314449	4.73%	0.530%
53	15.974	2358	2361	2372	rVB4	71089	159119	2.39%	0.268%
54	16.433	2433	2439	2450	rVB2	125334	263797	3.97%	0.444%
55	16.904	2513	2519	2528	rVB2	140105	289693	4.36%	0.488%
56	17.021	2535	2539	2546	rVB2	42154	78820	1.19%	0.133%
57	17.339	2587	2593	2603	rVB	107883	233675	3.51%	0.393%
58	17.721	2651	2658	2667	rVB8	34607	89125	1.34%	0.150%

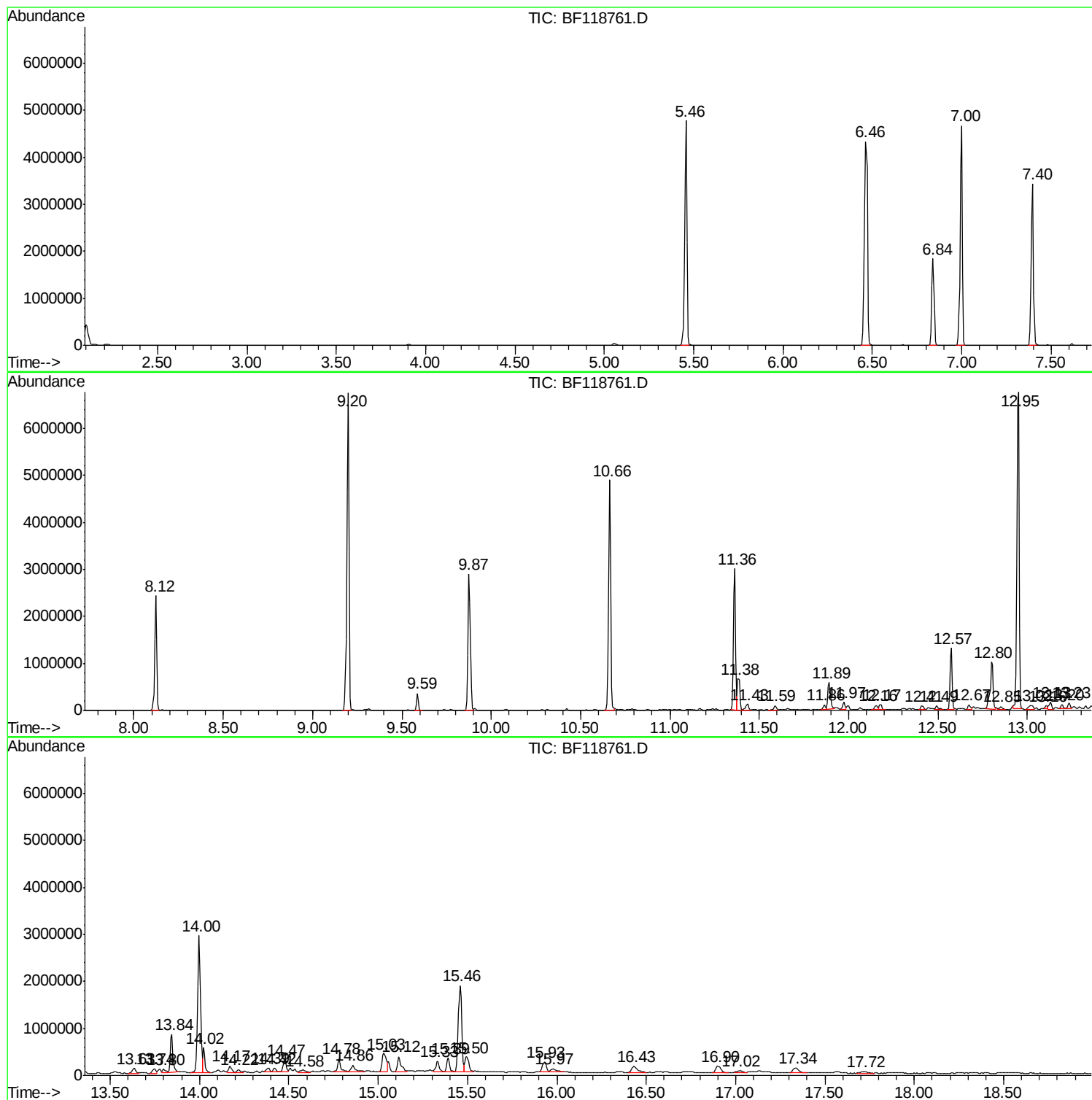
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TIC Library : C:\DATABASE\NIST11.L
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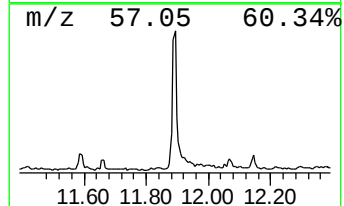
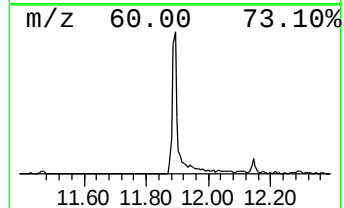
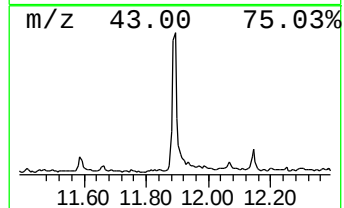
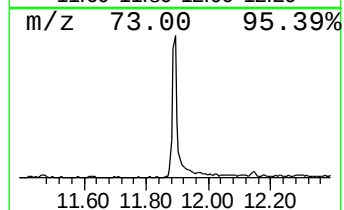
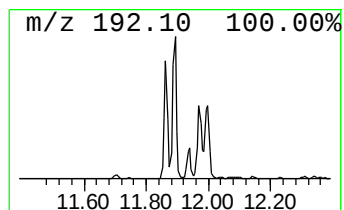
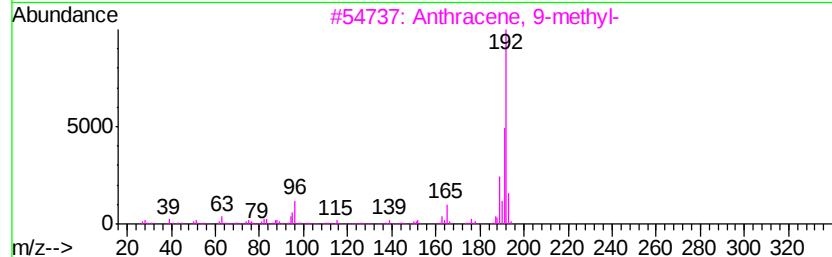
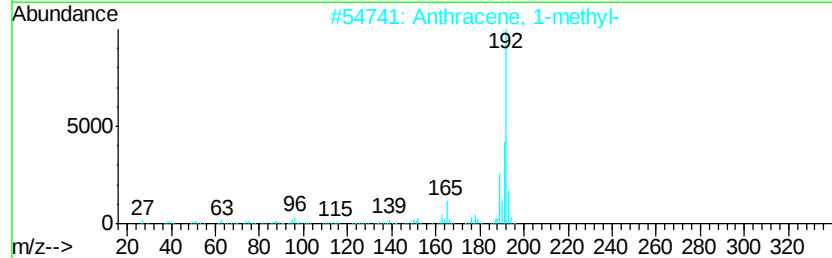
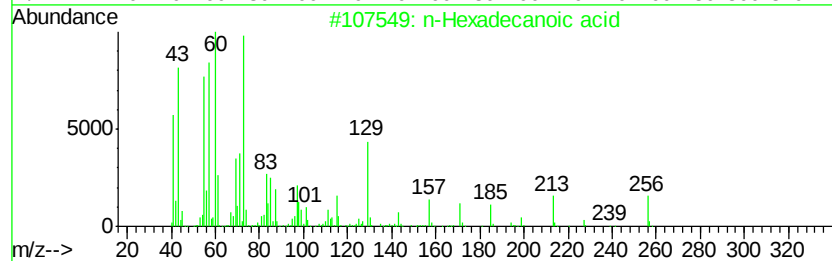
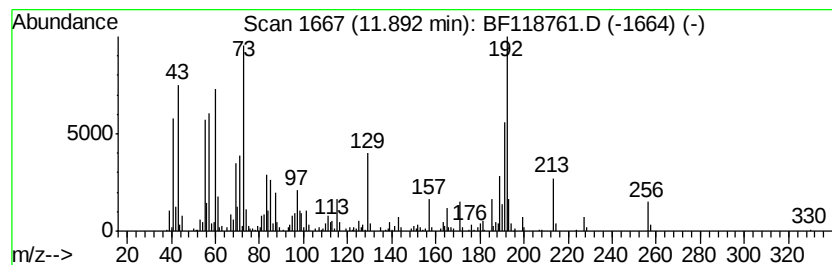
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.80 ng	520474	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5		Tridecanoic acid	214	C13H26O2	000638-53-9	86



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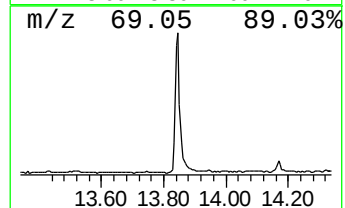
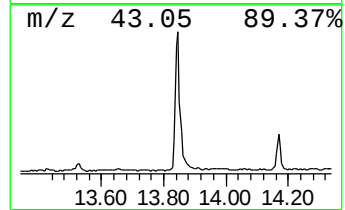
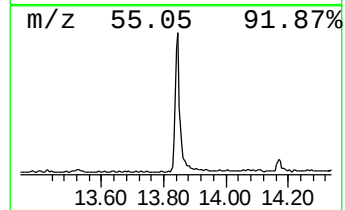
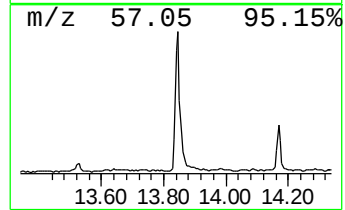
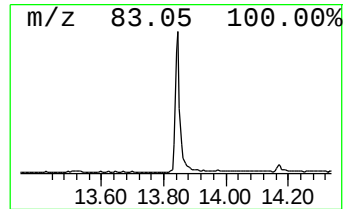
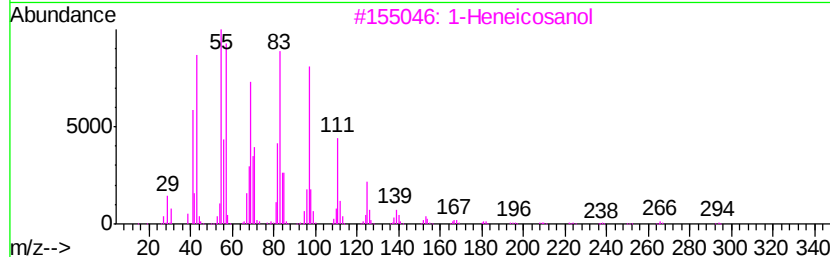
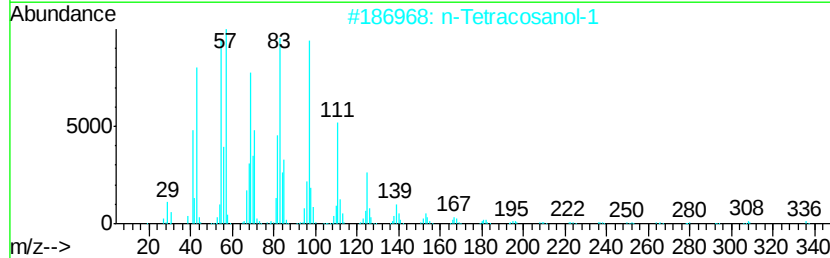
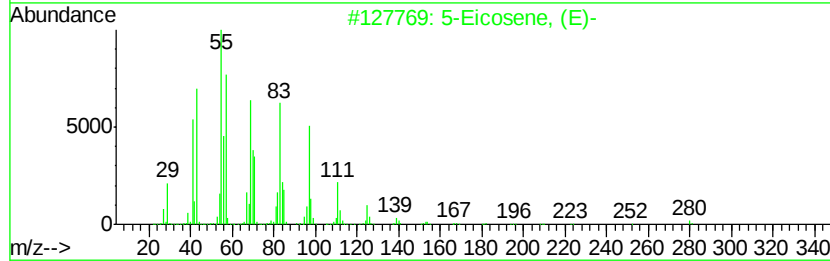
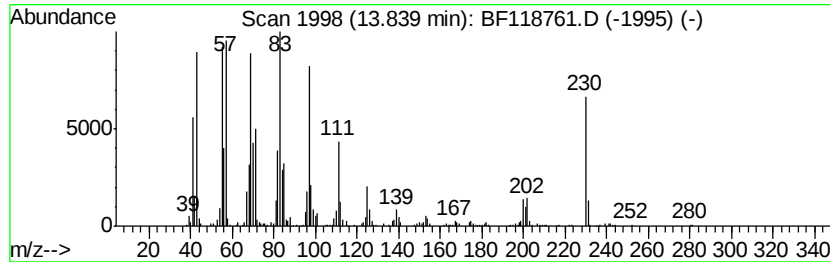
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	5.45 ng	877044	Chrysene-d12	14.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2			n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3			1-Heneicosanol	312	C21H44O	015594-90-8	93
4			Behenic alcohol	326	C22H46O	000661-19-8	93
5			1-Heptacosanol	396	C27H56O	002004-39-9	93



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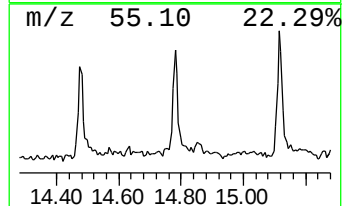
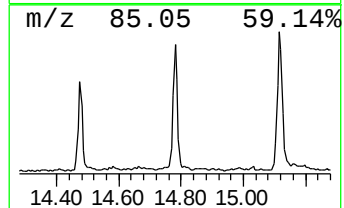
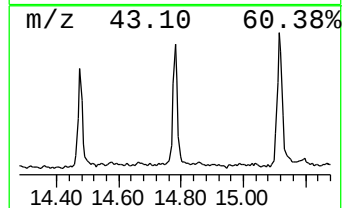
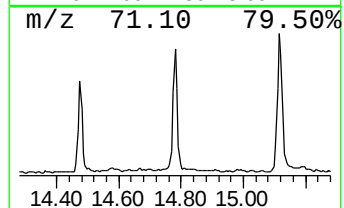
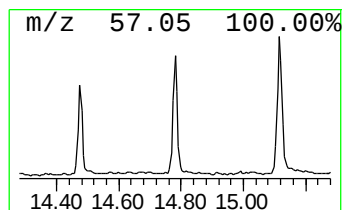
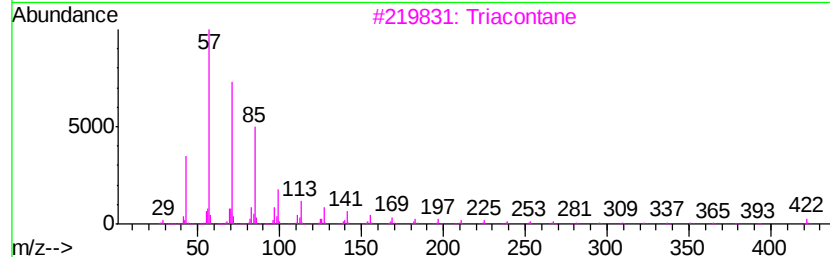
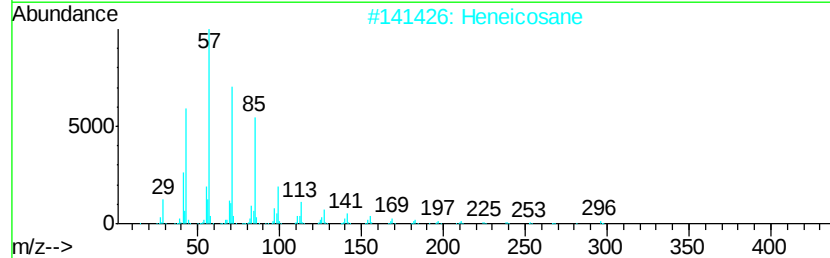
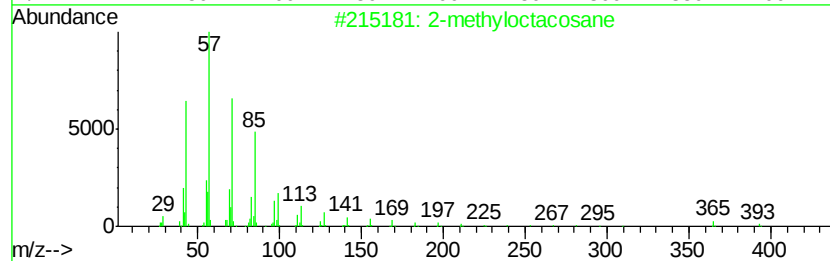
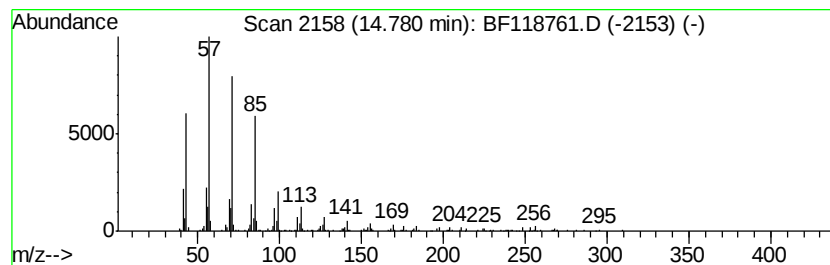
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	2.82 ng	323887	Perylene-d12	15.46

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	91
5		Octacosane	394	C28H58	000630-02-4	90



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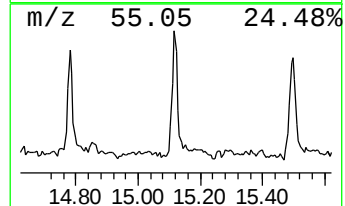
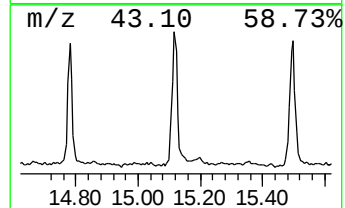
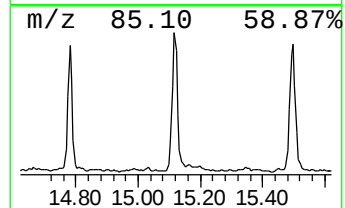
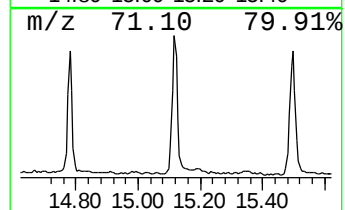
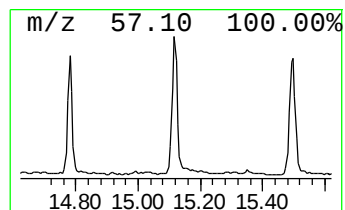
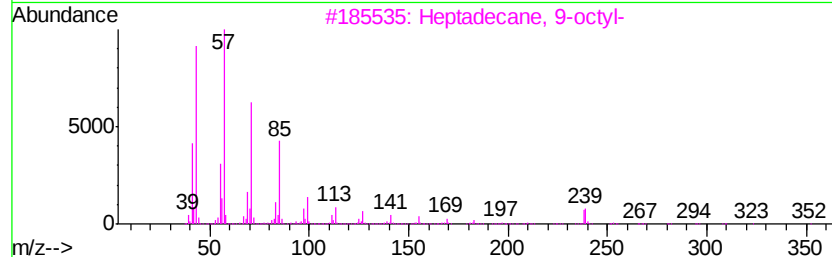
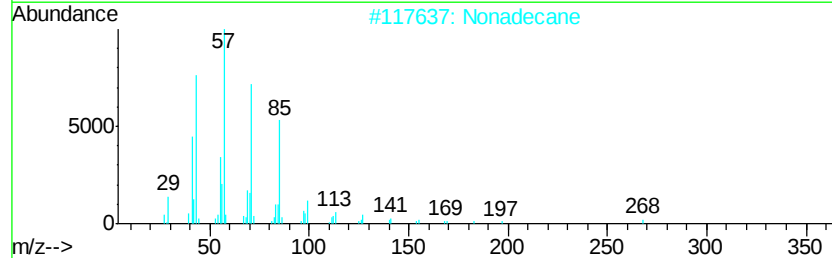
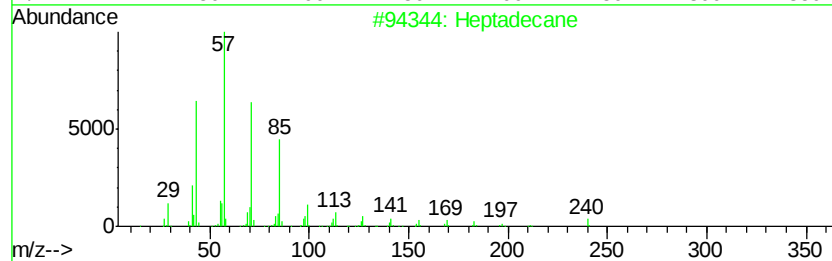
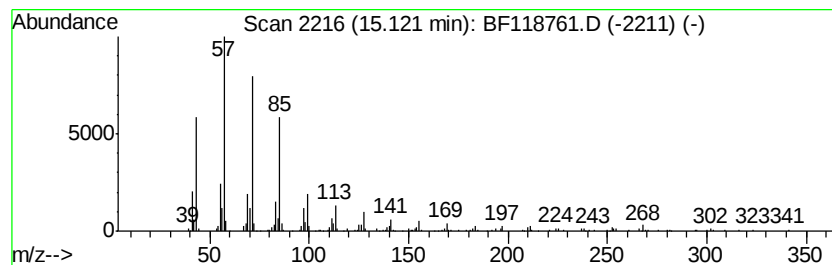
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	4.15 ng	477057	Perylene-d12	15.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	93
2	Nonadecane		268	C19H40	000629-92-5	91
3	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	90
4	Hexacosane		366	C26H54	000630-01-3	90
5	Tetratetracontane		619	C44H90	007098-22-8	90



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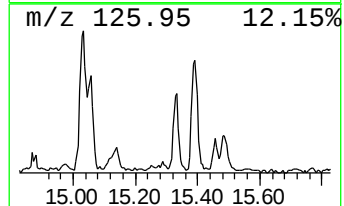
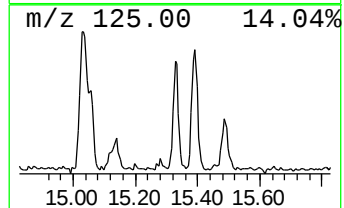
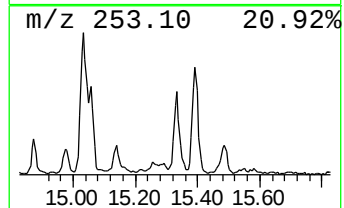
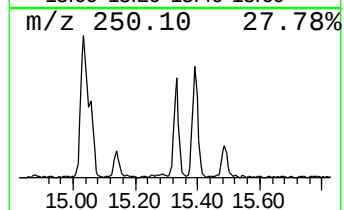
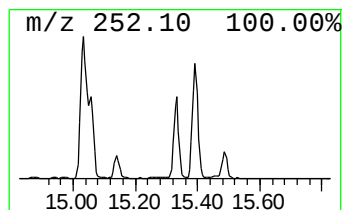
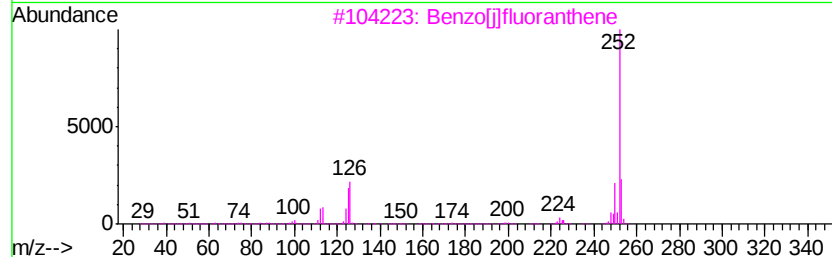
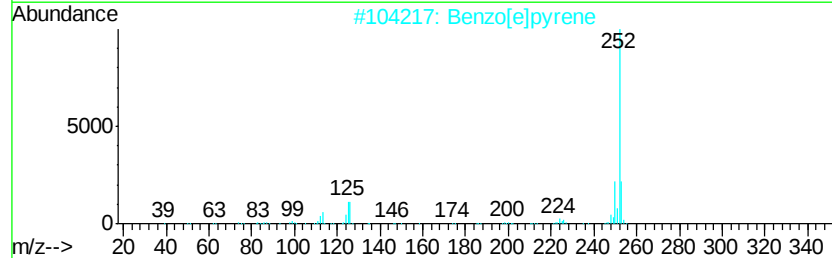
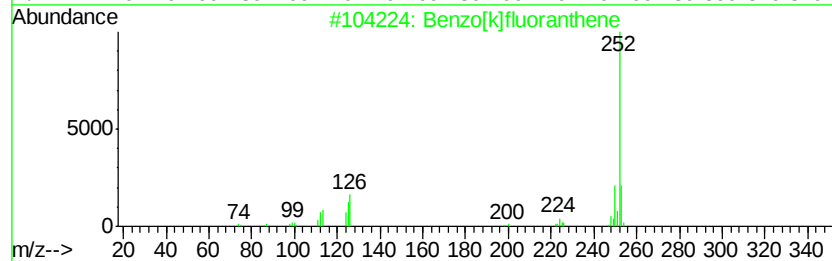
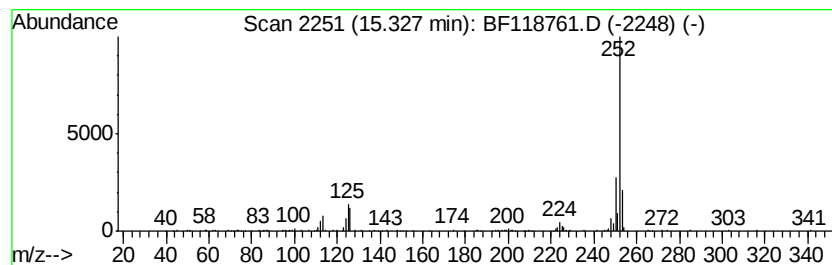
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	2.59 ng	297852	Perylene-d12	15.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2		Benzo[e]pyrene	252	C20H12	000192-97-2	97
3		Benzo[i]fluoranthene	252	C20H12	000205-82-3	95
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5		Benzo[a]pyrene	252	C20H12	000050-32-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118761.D
Acq On : 30 Jan 2020 19:47
Operator : CG/JU
Sample : L1313-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-36

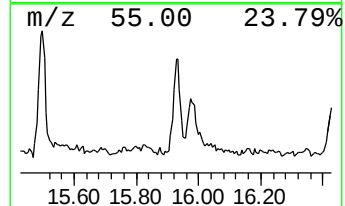
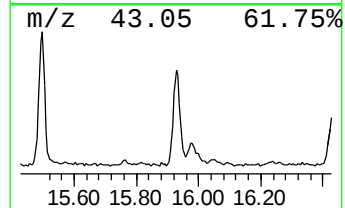
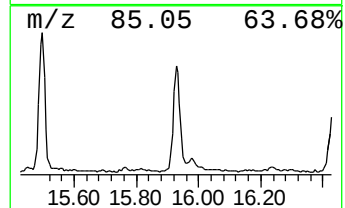
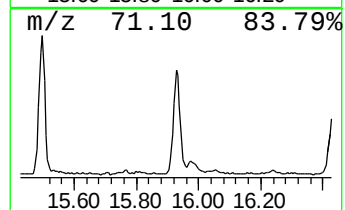
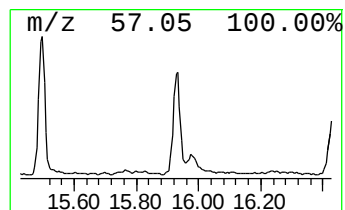
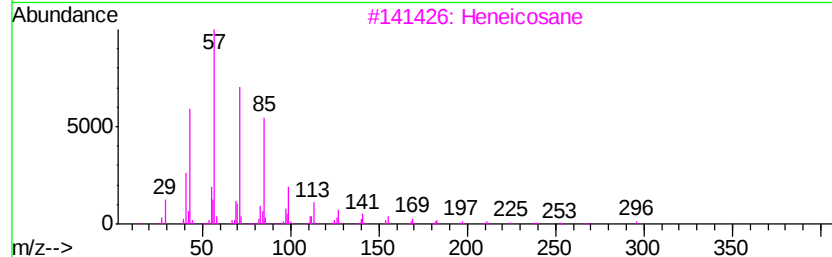
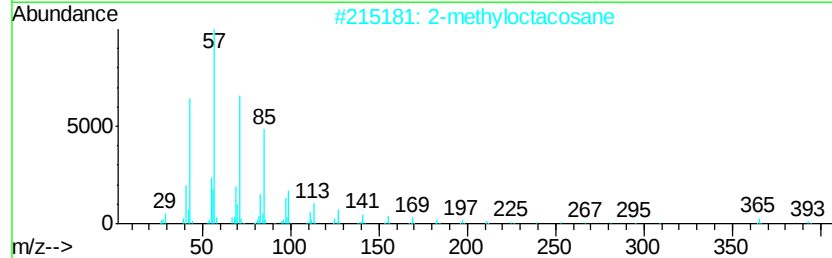
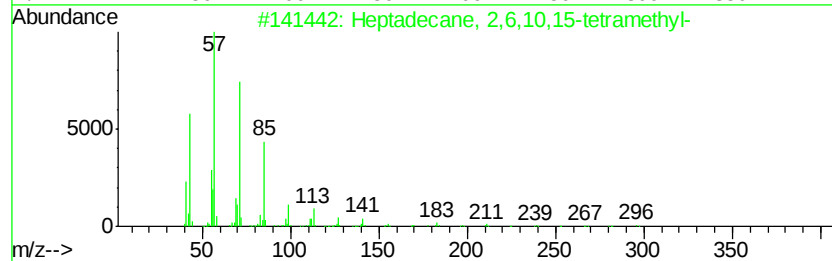
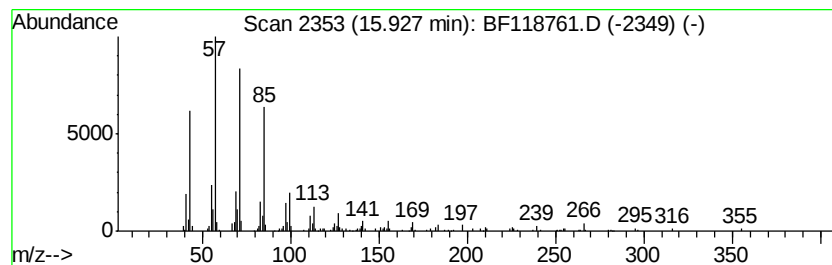
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane, 2,6,10,15-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	2.74 ng	314449	Perylene-d12	15.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2			2-methyloctacosane	408	C29H60	1000376-72-8	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Hexacosane	366	C26H54	000630-01-3	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118761.D
Acq On : 30 Jan 2020 19:47
Operator : CG/JU
Sample : L1313-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-36

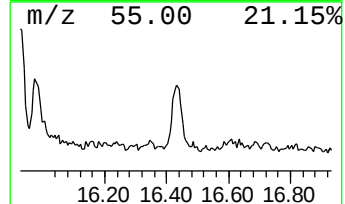
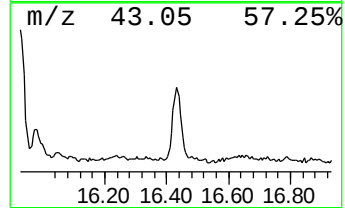
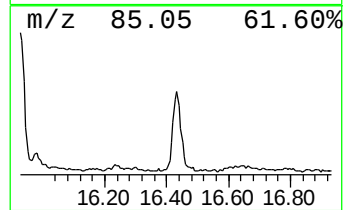
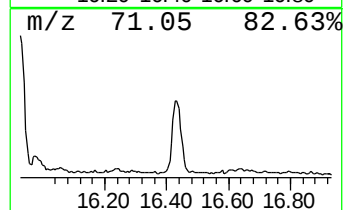
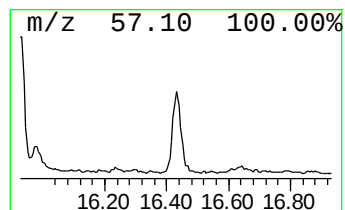
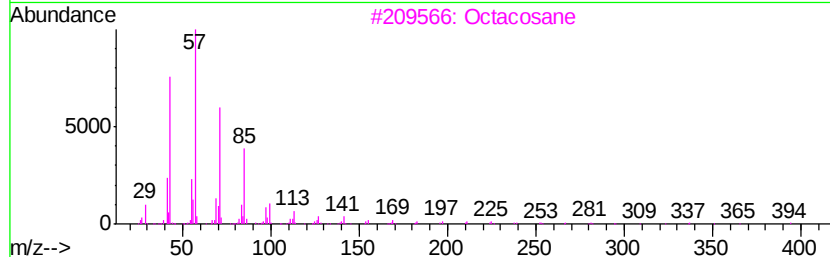
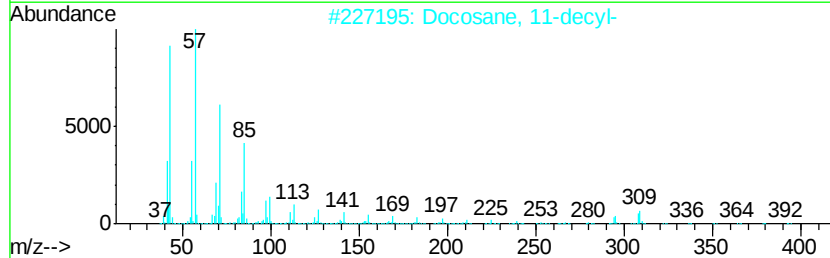
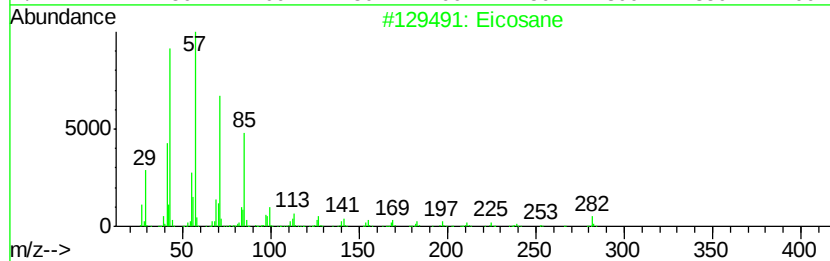
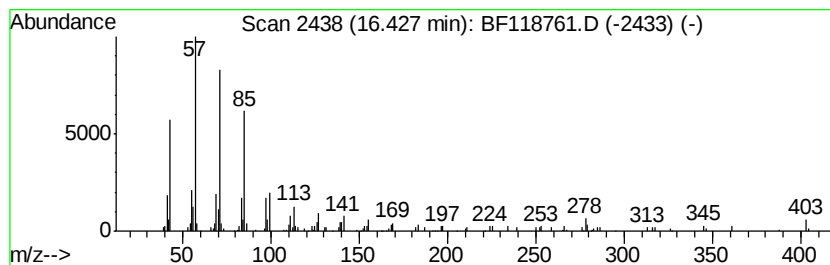
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	2.29 ng	263797	Perylene-d12	15.46

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	93
2	Docosane, 11-decyl-		451	C32H66	055401-55-3	90
3	Octacosane		394	C28H58	000630-02-4	90
4	Heptacosane		380	C27H56	000593-49-7	90
5	Heneicosane, 11-decyl-		437	C31H64	055320-06-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013020\
Data File : BF118761.D
Acq On : 30 Jan 2020 19:47
Operator : CG/JU
Sample : L1313-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-36

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
n-Hexadecanoic acid	11.89	3.8 ng		520474	4	11.36	2738300	20.0
5-Eicosene, (E)-	13.84	5.5 ng		877044	5	14.00	3220900	20.0
2-methyloctacosane	14.78	2.8 ng		323887	6	15.46	2298960	20.0
Heptadecane	15.12	4.2 ng		477057	6	15.46	2298960	20.0
Benzo[e]pyrene	15.33	2.6 ng		297852	6	15.46	2298960	20.0
Heptadecane, 2,6,...	15.93	2.7 ng		314449	6	15.46	2298960	20.0
Eicosane	16.43	2.3 ng		263797	6	15.46	2298960	20.0