

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041620\
 Data File : BF120031.D
 Acq On : 16 Apr 2020 13:00
 Operator : MA/SJ
 Sample : L2229-37 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

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-BF040820.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	3.681	266	271	275	rVB	9667	14274	1.27%	0.103%
2	5.322	546	550	559	rVB	699509	646910	57.53%	4.684%
3	6.351	722	725	733	rBV	787585	669659	59.56%	4.849%
4	6.557	756	760	766	rBV3	10620	15815	1.41%	0.115%
5	6.722	785	788	792	rBV	1102633	847399	75.36%	6.136%
6	6.875	811	814	818	rBV	647524	561321	49.92%	4.064%
7	7.281	880	883	890	rBV	468205	422894	37.61%	3.062%
8	8.010	1003	1007	1010	rBV	1385140	1095084	97.39%	7.929%
9	8.722	1123	1128	1131	rBV2	17958	17161	1.53%	0.124%
10	9.086	1186	1190	1193	rBV	1118334	816261	72.60%	5.910%
11	9.480	1254	1257	1262	rBV	80500	75717	6.73%	0.548%
12	9.622	1279	1281	1285	rBV	13515	13764	1.22%	0.100%
13	9.763	1301	1305	1309	rBV	1289955	1124403	100.00%	8.141%
14	9.798	1309	1311	1315	rVB	41781	34488	3.07%	0.250%
15	9.969	1337	1340	1343	rBV2	24527	22446	2.00%	0.163%
16	10.310	1395	1398	1405	rVB	38708	36374	3.23%	0.263%
17	10.551	1436	1439	1445	rBV	433828	367710	32.70%	2.662%
18	10.680	1457	1461	1466	rBV4	13873	21700	1.93%	0.157%
19	10.863	1487	1492	1494	rBV4	10362	13340	1.19%	0.097%
20	11.110	1529	1534	1535	rBV4	9610	13448	1.20%	0.097%
21	11.145	1538	1540	1547	rVB2	17871	21391	1.90%	0.155%
22	11.251	1554	1558	1560	rBV	1195296	978098	86.99%	7.082%
23	11.275	1560	1562	1565	rVV	318906	240616	21.40%	1.742%
24	11.322	1568	1570	1573	rVB	62687	54838	4.88%	0.397%
25	11.480	1595	1597	1600	rBV	20178	16450	1.46%	0.119%
26	11.657	1623	1627	1633	rBV2	45388	45567	4.05%	0.330%
27	11.751	1640	1643	1645	rBV	46654	41144	3.66%	0.298%
28	11.780	1645	1648	1653	rVV	130429	139914	12.44%	1.013%
29	11.827	1653	1656	1659	rVV	29797	32800	2.92%	0.237%
30	11.863	1659	1662	1664	rVV	81175	81058	7.21%	0.587%
31	11.886	1664	1666	1671	rVB2	33353	36821	3.27%	0.267%
32	11.992	1680	1684	1689	rBV6	11943	14010	1.25%	0.101%
33	12.045	1691	1693	1696	rVV	23414	24833	2.21%	0.180%
34	12.074	1696	1698	1702	rVB4	16729	15757	1.40%	0.114%

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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-BF040820.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.198	1717	1719	1722	rVB4	30895	24292	2.16%	0.176%
36	12.304	1734	1737	1739	rVB	22637	18785	1.67%	0.136%
37	12.339	1739	1743	1744	rBV2	82774	64635	5.75%	0.468%
38	12.363	1744	1747	1749	rVB	389012	325145	28.92%	2.354%
39	12.463	1759	1764	1768	rBV	358970	351448	31.26%	2.545%
40	12.510	1768	1772	1774	rVV2	42434	46543	4.14%	0.337%
41	12.574	1779	1783	1788	rBV3	43316	57854	5.15%	0.419%
42	12.692	1797	1803	1806	rBV	290748	325070	28.91%	2.354%
43	12.745	1810	1812	1816	rVB4	22106	25046	2.23%	0.181%
44	12.810	1820	1823	1824	rBV	17182	14794	1.32%	0.107%
45	12.839	1824	1828	1834	rVB	645791	607620	54.04%	4.400%
46	12.910	1836	1840	1844	rBV4	29573	52393	4.66%	0.379%
47	13.021	1856	1859	1862	rVB	48071	51003	4.54%	0.369%
48	13.086	1862	1870	1873	rBV2	56630	77833	6.92%	0.564%
49	13.121	1873	1876	1878	rBV2	41888	41200	3.66%	0.298%
50	13.174	1883	1885	1889	rVV5	19856	32731	2.91%	0.237%
51	13.216	1890	1892	1895	rVV	30335	31579	2.81%	0.229%
52	13.245	1895	1897	1901	rVB2	29276	30195	2.69%	0.219%
53	13.327	1909	1911	1915	rVB5	18198	20429	1.82%	0.148%
54	13.374	1916	1919	1921	rBV2	28440	24165	2.15%	0.175%
55	13.421	1925	1927	1930	rVV4	17525	17263	1.54%	0.125%
56	13.527	1943	1945	1950	rVB2	25348	30216	2.69%	0.219%
57	13.639	1960	1964	1967	rBV3	24462	41682	3.71%	0.302%
58	13.668	1967	1969	1971	rVB	19798	14070	1.25%	0.102%
59	13.692	1971	1973	1974	rBV	18874	15721	1.40%	0.114%
60	13.886	2002	2006	2009	rBV2	737740	828979	73.73%	6.002%
61	13.916	2009	2011	2014	rVB	129456	101336	9.01%	0.734%
62	14.068	2034	2037	2041	rBV2	32099	33343	2.97%	0.241%
63	14.310	2076	2078	2081	rBV	25313	21443	1.91%	0.155%
64	14.374	2086	2089	2091	rBV2	70362	60979	5.42%	0.442%
65	14.668	2136	2139	2142	rBV	74605	86351	7.68%	0.625%
66	14.910	2176	2180	2183	rBV	122403	183798	16.35%	1.331%
67	14.992	2191	2194	2200	rVB2	91700	127136	11.31%	0.921%
68	15.198	2225	2229	2235	rVB	76782	100690	8.95%	0.729%
69	15.257	2235	2239	2243	rVV	101961	140489	12.49%	1.017%
70	15.315	2245	2249	2252	rVV	579872	681392	60.60%	4.934%
71	15.351	2252	2255	2261	rVB2	108223	178448	15.87%	1.292%

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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-BF040820.M
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72	15.768	2322	2326	2331	rBV	86740	132606	11.79%	0.960%
73	15.980	2360	2362	2365	rBV4	23777	27662	2.46%	0.200%
74	16.251	2403	2408	2415	rBV2	56981	99480	8.85%	0.720%
75	16.692	2481	2483	2491	rVB2	51033	91590	8.15%	0.663%

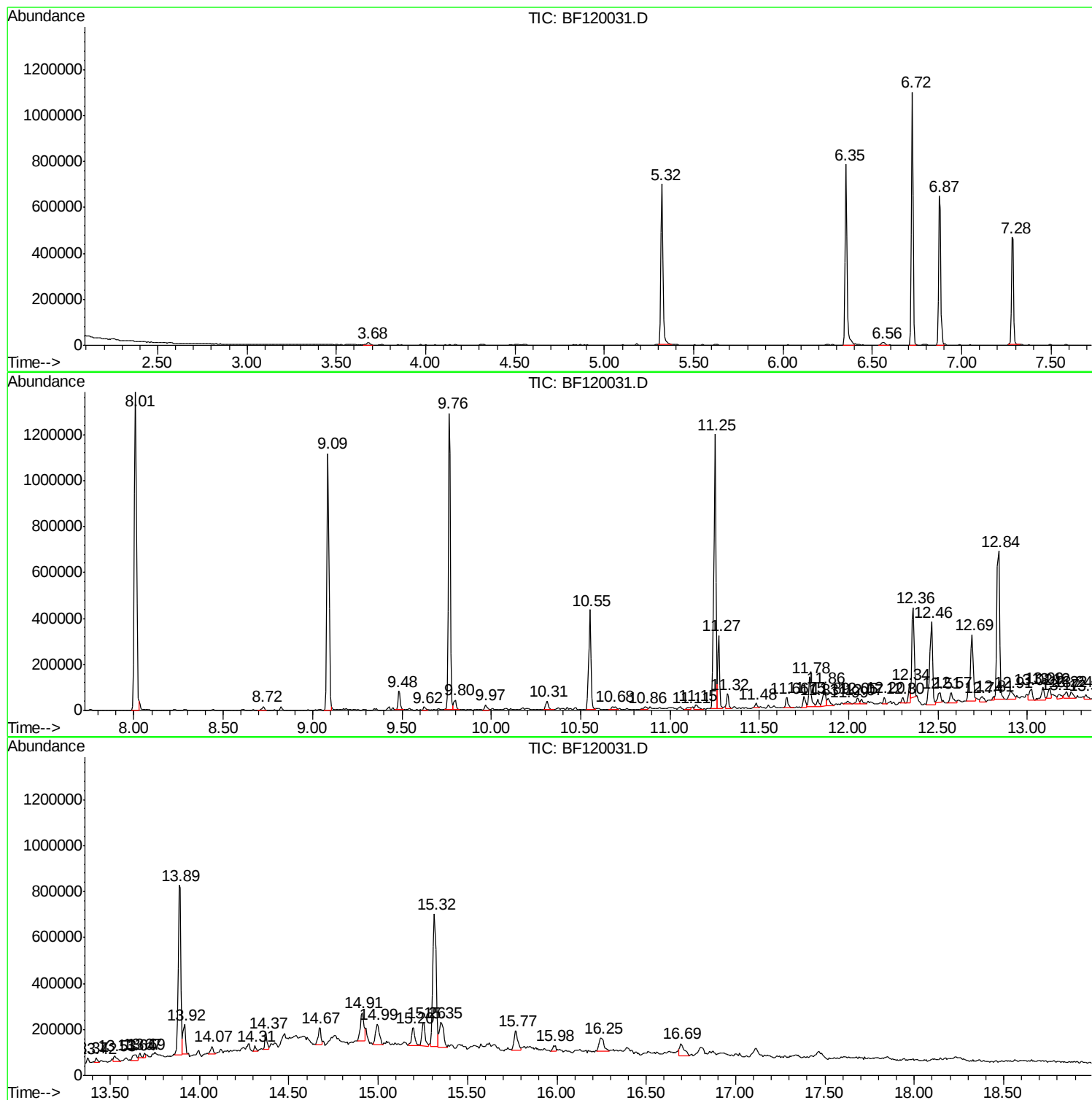
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Instrument :
BNA_F
ClientSampled :
TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
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ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

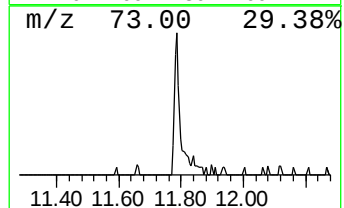
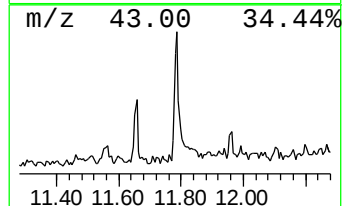
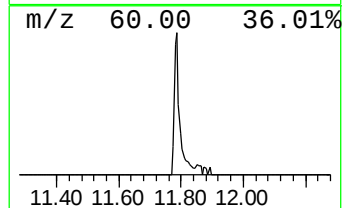
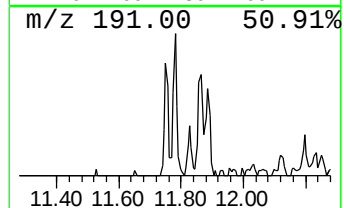
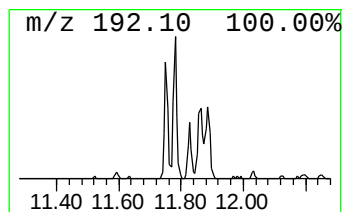
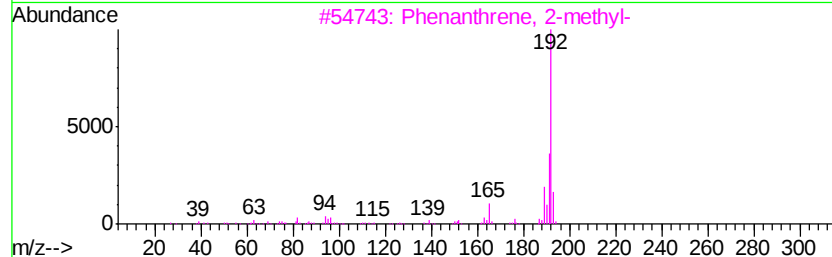
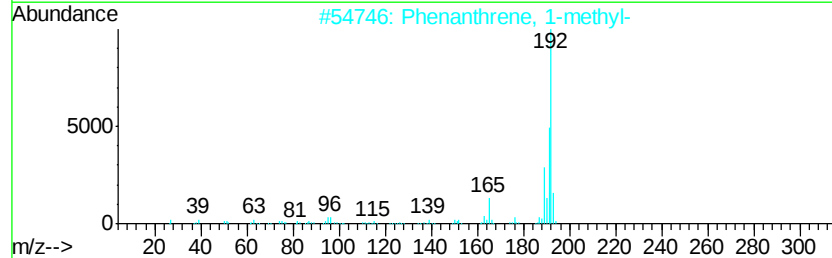
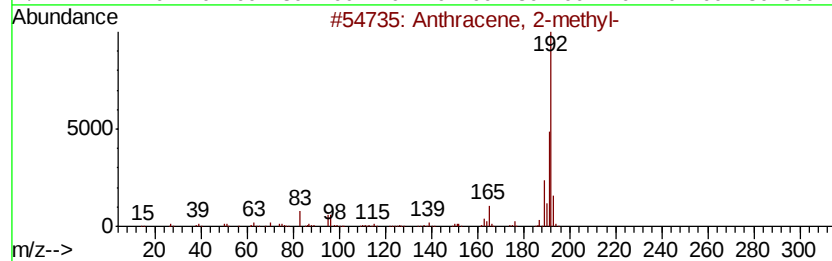
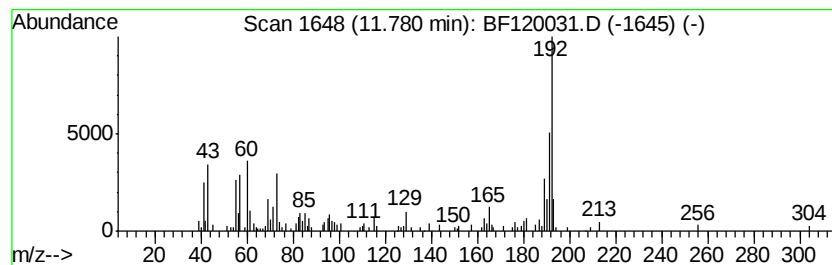
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	2.86 ng	139914	Phenanthrene-d10	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	92



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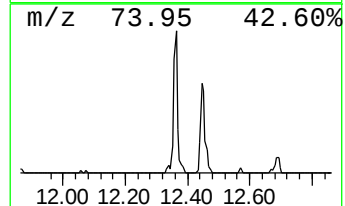
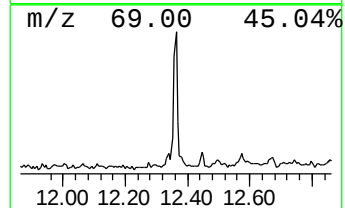
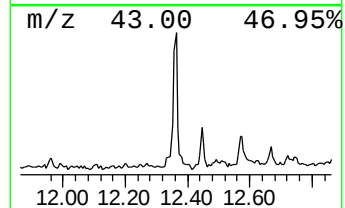
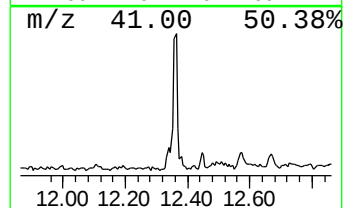
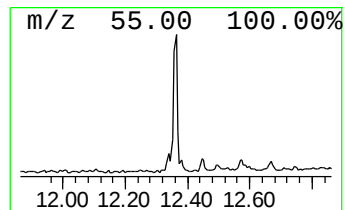
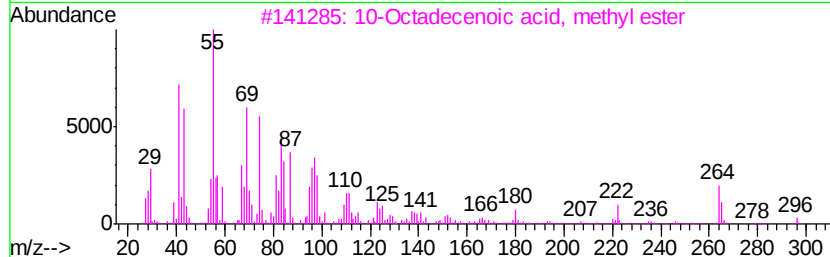
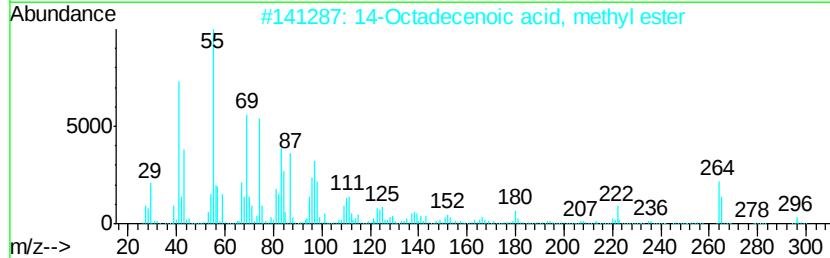
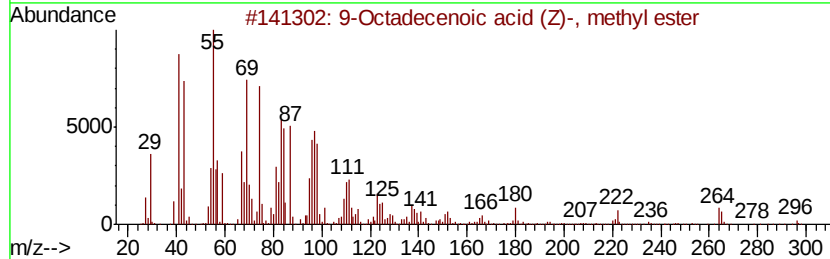
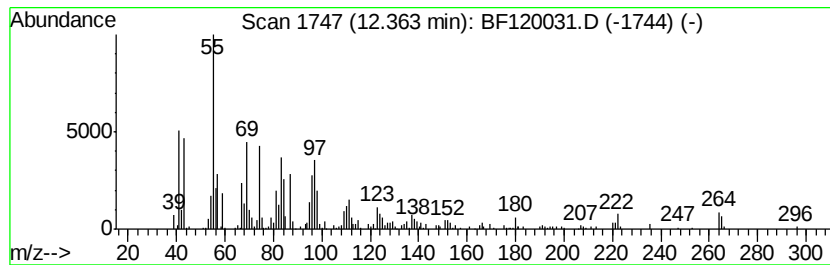
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	6.65 ng	325145	Phenanthrene-d10	11.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
4		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
5		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98



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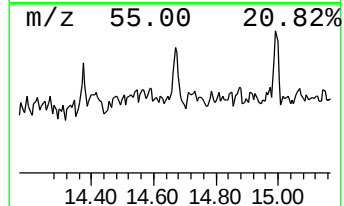
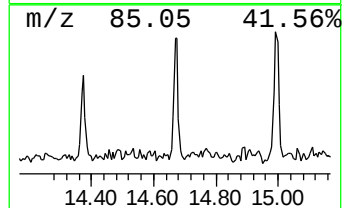
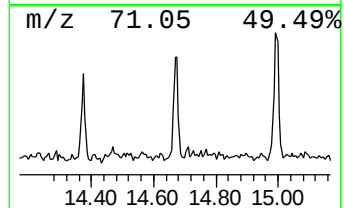
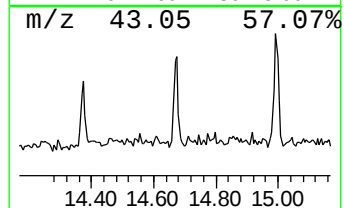
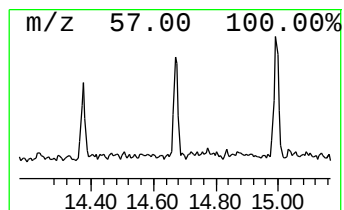
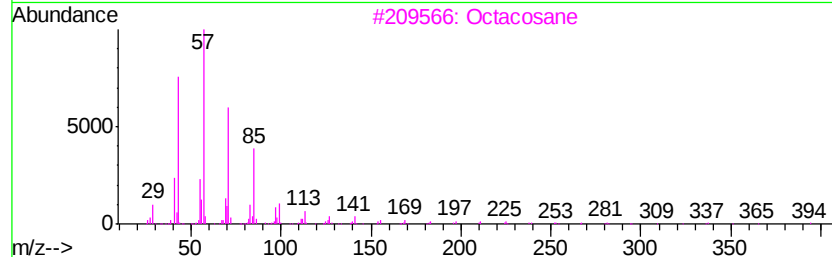
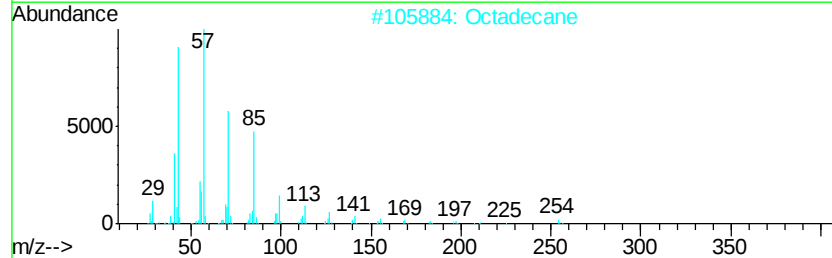
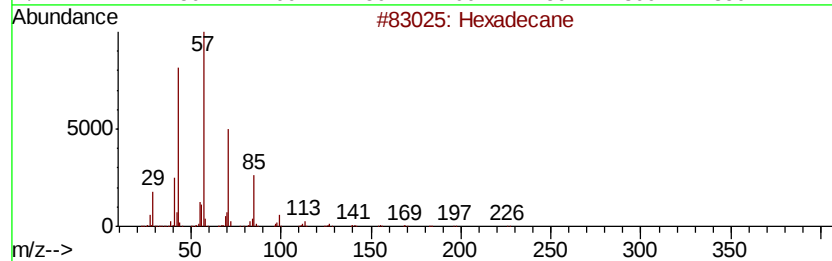
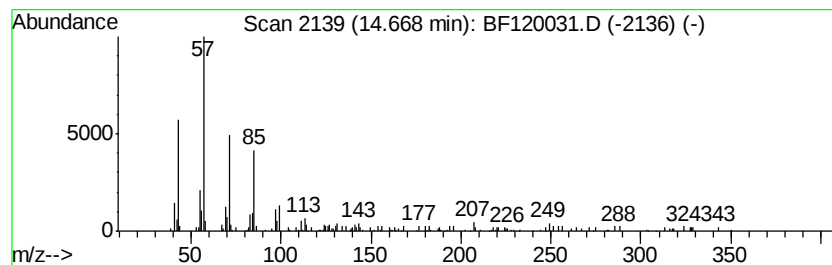
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	2.53 ng	86351	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Octadecane	254	C18H38	000593-45-3	89
3		Octacosane	394	C28H58	000630-02-4	87
4		1-Iodoundecane	282	C11H23I	004282-44-4	76
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	74



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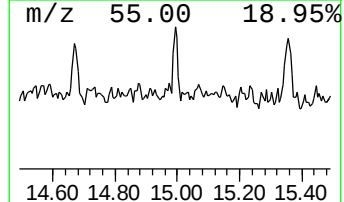
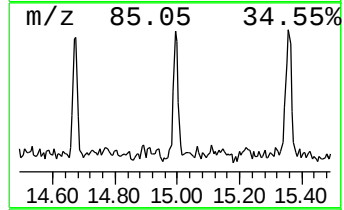
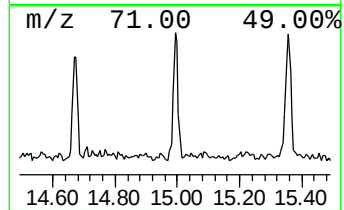
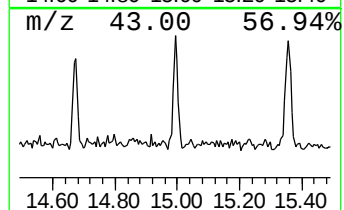
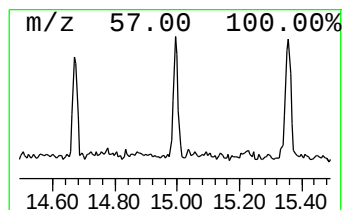
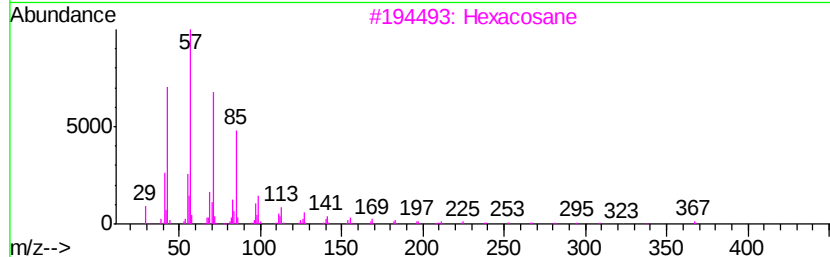
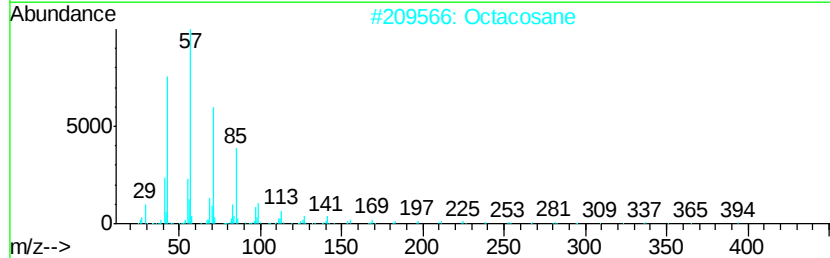
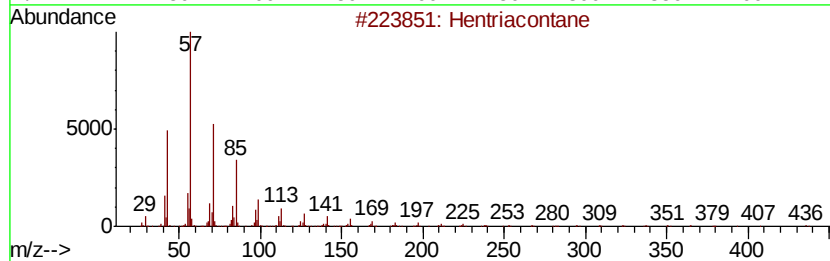
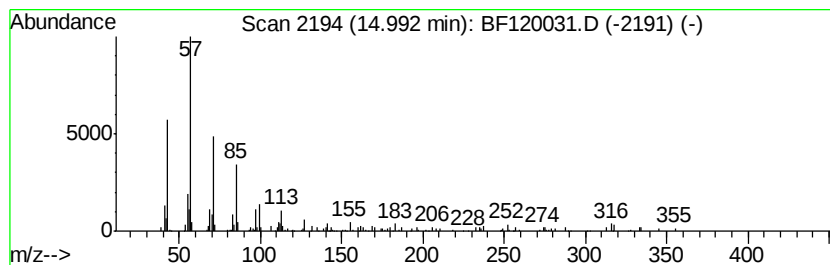
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hentriacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	3.73 ng	127136	Perylene-d12	15.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane		437	C31H64	000630-04-6	83
2	Octacosane		394	C28H58	000630-02-4	83
3	Hexacosane		366	C26H54	000630-01-3	83
4	Hexatriacontane		507	C36H74	000630-06-8	83
5	Heneicosane		296	C21H44	000629-94-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120031.D
Acq On : 16 Apr 2020 13:00
Operator : MA/SJ
Sample : L2229-37 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

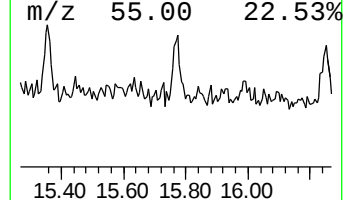
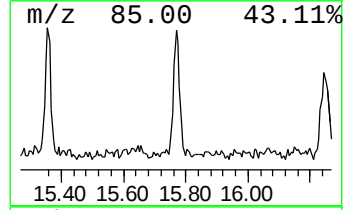
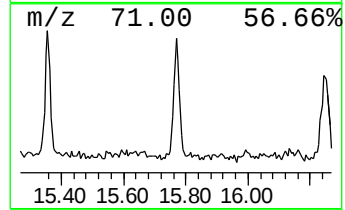
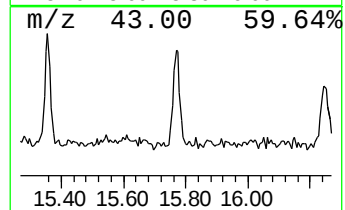
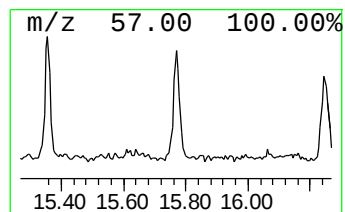
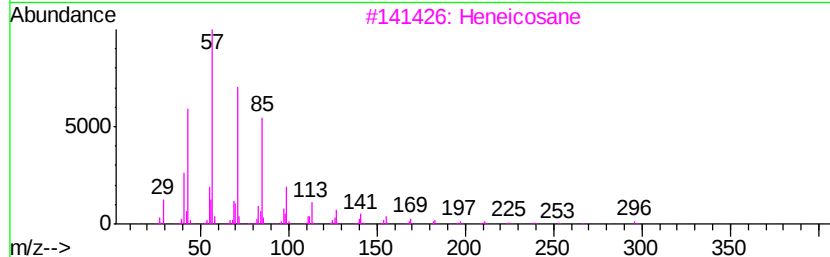
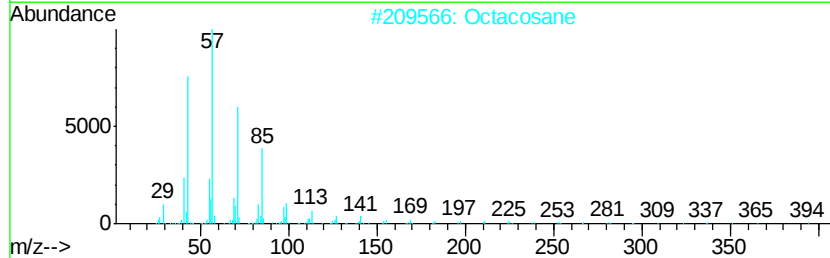
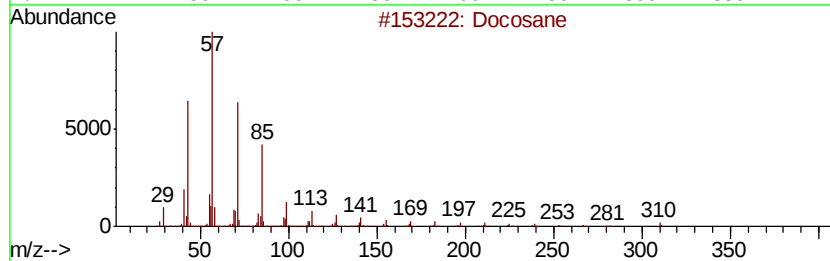
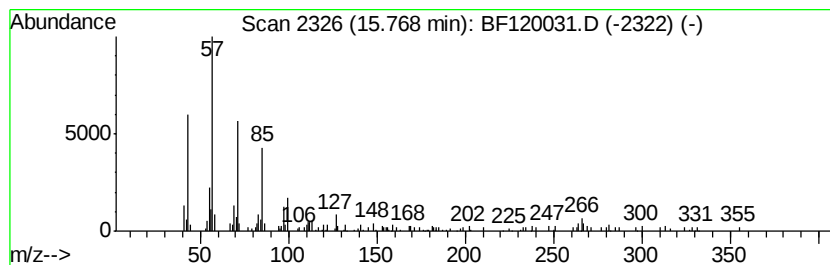
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Docosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	3.89 ng	132606	Perylene-d12	15.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane		310	C22H46	000629-97-0	90
2	Octacosane		394	C28H58	000630-02-4	87
3	Heneicosane		296	C21H44	000629-94-7	87
4	Tridecane, 6-propyl-		226	C16H34	055045-10-8	81
5	Heptadecane		240	C17H36	000629-78-7	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120031.D
Acq On : 16 Apr 2020 13:00
Operator : MA/SJ
Sample : L2229-37 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

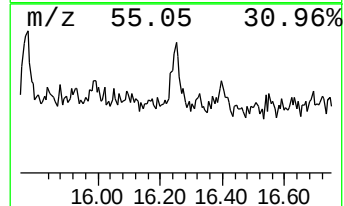
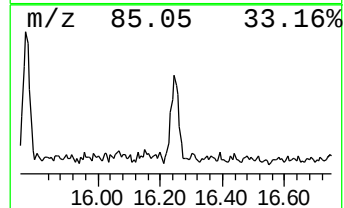
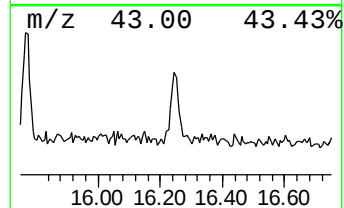
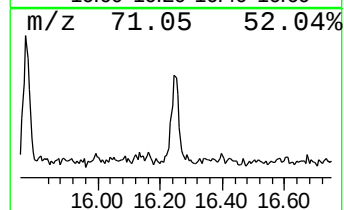
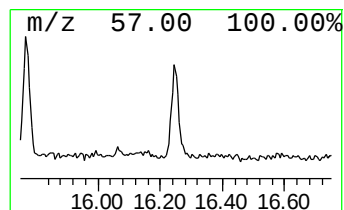
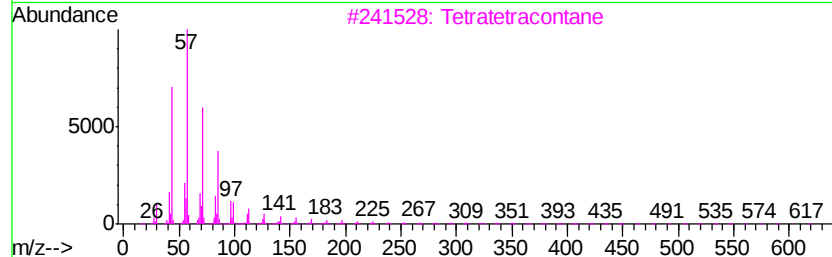
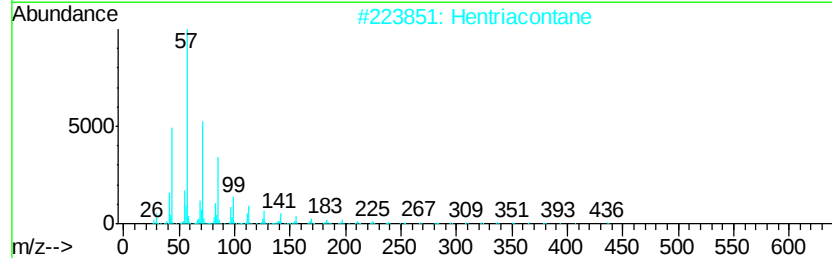
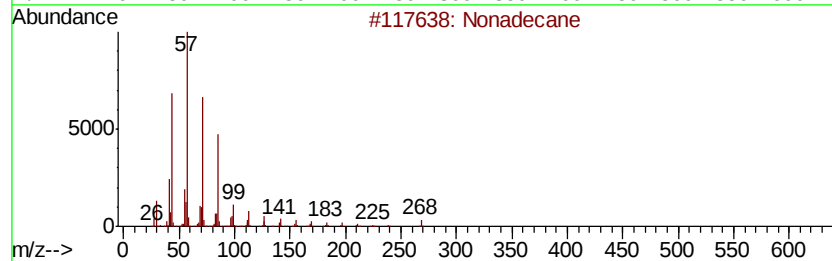
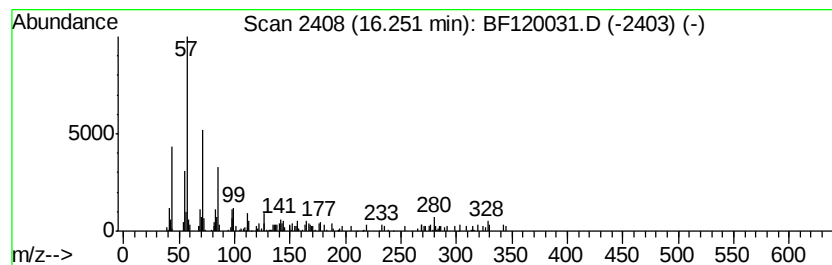
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	2.92 ng	99480	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	70
2		Hentriacontane	437	C31H64	000630-04-6	64
3		Tetratetracontane	619	C44H90	007098-22-8	58
4		Tetracosane	338	C24H50	000646-31-1	58
5		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041620\
Data File : BF120031.D
Acq On : 16 Apr 2020 13:00
Operator : MA/SJ
Sample : L2229-37 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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
Anthracene, 2-met...	11.78	2.9 ng		139914	4	11.25	978098	20.0
9-Octadecenoic ac...	12.36	6.7 ng		325145	4	11.25	978098	20.0
Hexadecane	14.67	2.5 ng		86351	6	15.32	681392	20.0
Hentriacontane	14.99	3.7 ng		127136	6	15.32	681392	20.0
Docosane	15.77	3.9 ng		132606	6	15.32	681392	20.0
Nonadecane	16.25	2.9 ng		99480	6	15.32	681392	20.0