

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
 Data File : BF118508.D
 Acq On : 8 Jan 2020 19:49
 Operator : JU
 Sample : L1049-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

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-BF010820.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	5.022	496	499	513	rVB	178202	209486	11.49%	1.182%
2	5.440	567	570	588	rBV	1132484	1196807	65.64%	6.753%
3	6.463	740	744	757	rBV	1455013	1353182	74.22%	7.635%
4	6.598	763	767	772	rBV	1676945	1336512	73.31%	7.541%
5	6.828	803	806	813	rBV	465030	413482	22.68%	2.333%
6	6.981	828	832	844	rBV	1283152	1062163	58.26%	5.993%
7	7.392	898	902	913	rBV	908576	785949	43.11%	4.435%
8	8.116	1021	1025	1028	rBV	573480	530507	29.10%	2.993%
9	8.533	1092	1096	1102	rBV	22377	22604	1.24%	0.128%
10	9.192	1204	1208	1211	rBV	2331368	1823205	100.00%	10.288%
11	9.533	1263	1266	1269	rBV2	20753	26512	1.45%	0.150%
12	9.586	1272	1275	1279	rVB	121304	100971	5.54%	0.570%
13	9.875	1320	1324	1328	rBV	823543	641673	35.19%	3.621%
14	10.280	1390	1393	1395	rBV2	22286	24235	1.33%	0.137%
15	10.422	1414	1417	1423	rBV2	20962	29530	1.62%	0.167%
16	10.516	1430	1433	1439	rVB4	14042	25945	1.42%	0.146%
17	10.669	1456	1459	1470	rVV	1239188	1076966	59.07%	6.077%
18	10.786	1474	1479	1485	rVB3	51462	77450	4.25%	0.437%
19	11.104	1528	1533	1541	rBV8	19737	50149	2.75%	0.283%
20	11.222	1550	1553	1556	rBV3	36262	39167	2.15%	0.221%
21	11.369	1575	1578	1581	rBV	793488	694438	38.09%	3.918%
22	11.392	1581	1582	1587	rVB	211473	146280	8.02%	0.825%
23	11.610	1614	1619	1623	rBV6	24701	44861	2.46%	0.253%
24	11.898	1661	1668	1673	rBV2	147985	234681	12.87%	1.324%
25	11.986	1680	1683	1685	rBV2	51789	49831	2.73%	0.281%
26	12.010	1685	1687	1691	rVB	37072	32335	1.77%	0.182%
27	12.063	1693	1696	1699	rBV3	30598	28922	1.59%	0.163%
28	12.169	1712	1714	1718	rBV	29444	31407	1.72%	0.177%
29	12.427	1752	1758	1760	rBV	56750	59337	3.25%	0.335%
30	12.457	1760	1763	1766	rVV3	38635	48872	2.68%	0.276%
31	12.510	1770	1772	1777	rVV3	17488	27594	1.51%	0.156%
32	12.592	1783	1786	1789	rBV	249417	211440	11.60%	1.193%
33	12.680	1799	1801	1804	rBV4	28571	31105	1.71%	0.176%
34	12.804	1820	1822	1823	rBV2	35822	32667	1.79%	0.184%

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35	12.821	1823	1825	1831	rVV	211950	190797	10.46%	1.077%
36	12.874	1831	1834	1838	rVB2	37613	40869	2.24%	0.231%
37	12.963	1844	1849	1852	rBV	1657240	1515485	83.12%	8.551%
38	13.033	1858	1861	1863	rBV2	25720	32501	1.78%	0.183%
39	13.151	1874	1881	1884	rBV3	46499	71999	3.95%	0.406%
40	13.180	1884	1886	1890	rVB3	27416	25674	1.41%	0.145%
41	13.257	1895	1899	1904	rVB2	30603	40880	2.24%	0.231%
42	13.351	1912	1915	1917	rBV2	25648	26832	1.47%	0.151%
43	13.527	1939	1945	1947	rBV3	48547	60689	3.33%	0.342%
44	13.645	1962	1965	1967	rBV4	23479	25880	1.42%	0.146%
45	13.668	1967	1969	1973	rVV2	34110	31978	1.75%	0.180%
46	13.857	1997	2001	2011	rVB3	199418	297677	16.33%	1.680%
47	14.027	2026	2030	2033	rBV2	666977	680824	37.34%	3.842%
48	14.051	2033	2034	2037	rVB	102037	67952	3.73%	0.383%
49	14.174	2052	2055	2062	rVB3	71783	86373	4.74%	0.487%
50	14.298	2074	2076	2081	rVB5	26341	25204	1.38%	0.142%
51	14.451	2099	2102	2104	rBV	26691	25764	1.41%	0.145%
52	14.480	2104	2107	2112	rBV2	97486	128187	7.03%	0.723%
53	14.786	2156	2159	2164	rVB	91480	86218	4.73%	0.486%
54	14.862	2170	2172	2177	rVB	44686	48648	2.67%	0.275%
55	15.080	2205	2209	2212	rBV	96435	140191	7.69%	0.791%
56	15.127	2214	2217	2220	rVB	112896	123125	6.75%	0.695%
57	15.386	2258	2261	2268	rVB	67438	86033	4.72%	0.485%
58	15.451	2268	2272	2277	rVB	94112	123323	6.76%	0.696%
59	15.509	2277	2282	2287	rBV	583722	752080	41.25%	4.244%
60	15.945	2349	2356	2361	rBV2	100499	193678	10.62%	1.093%
61	16.451	2439	2442	2450	rVB4	52051	85927	4.71%	0.485%
62	17.021	2535	2539	2549	rVB5	39542	101072	5.54%	0.570%
63	17.633	2639	2643	2650	rVB10	22566	43560	2.39%	0.246%
64	17.898	2684	2688	2693	rVB9	26798	62679	3.44%	0.354%

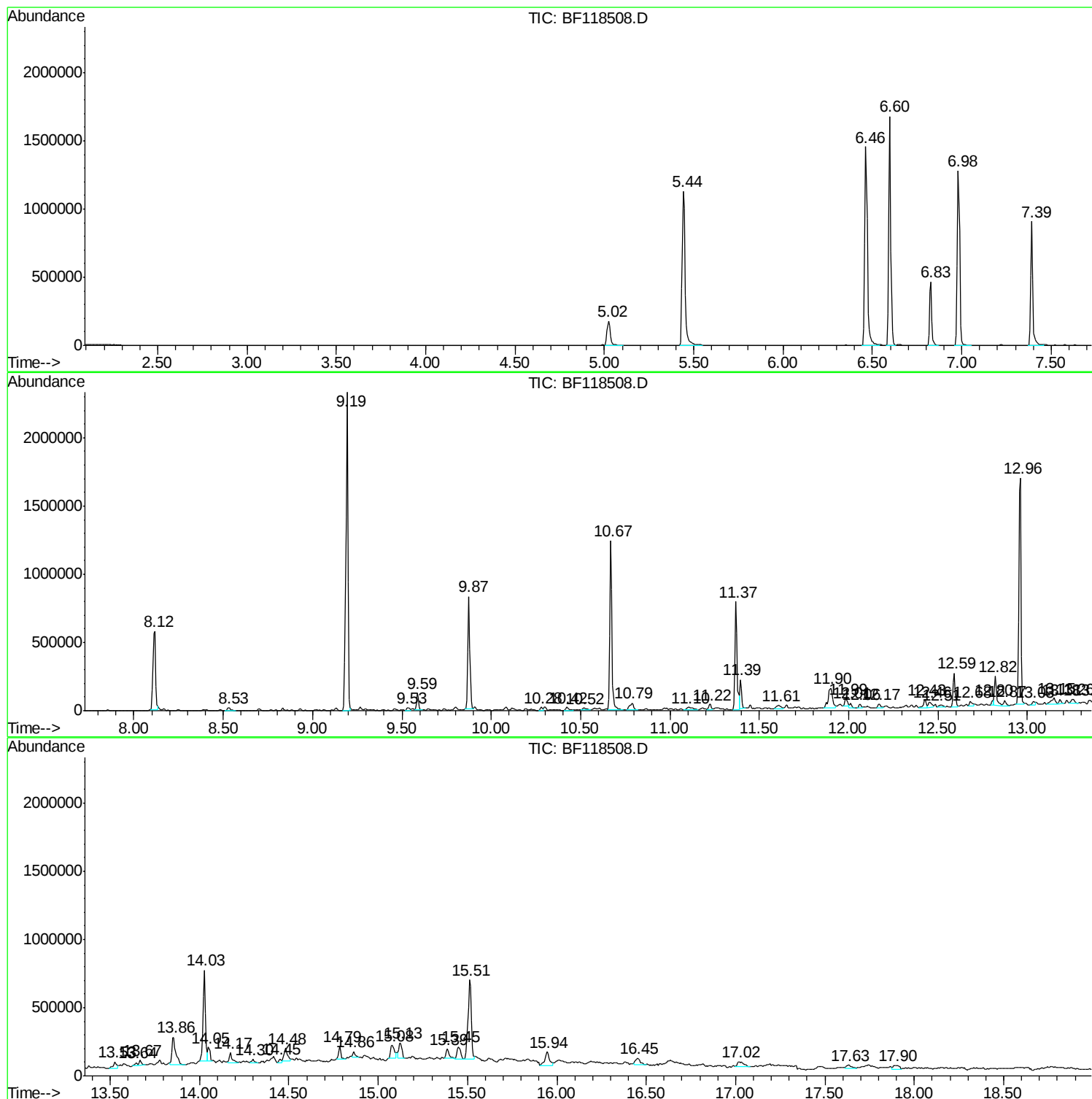
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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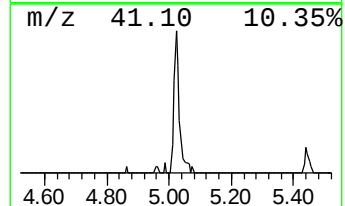
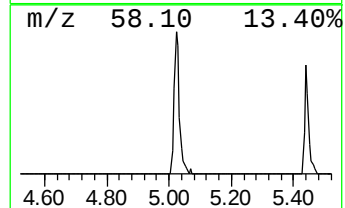
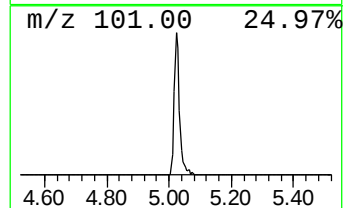
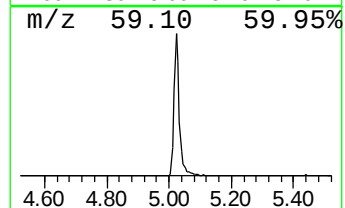
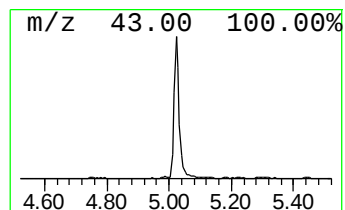
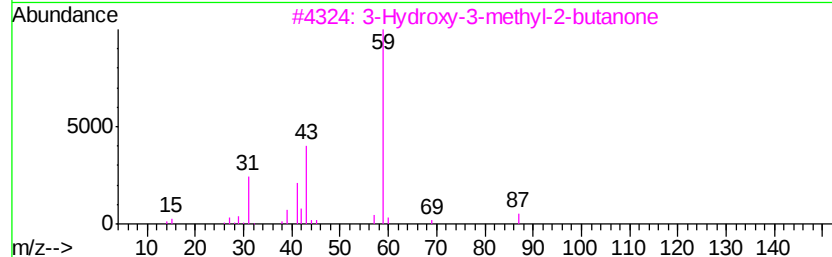
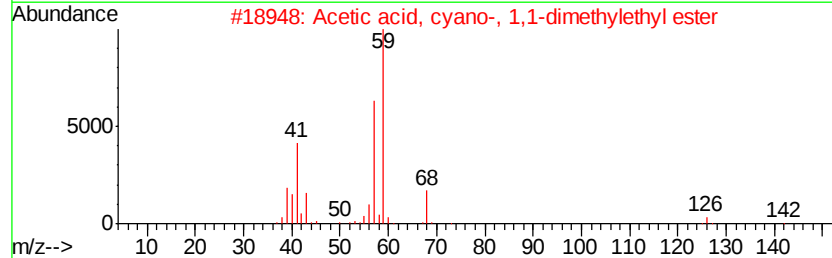
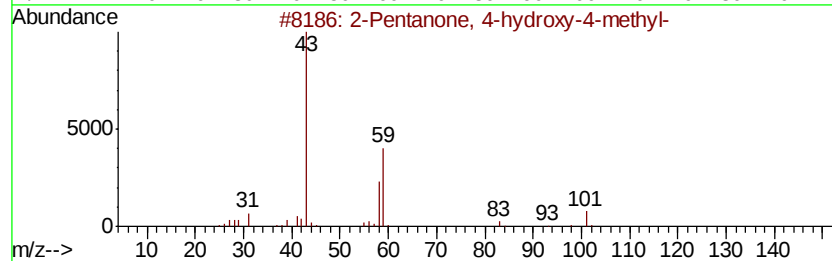
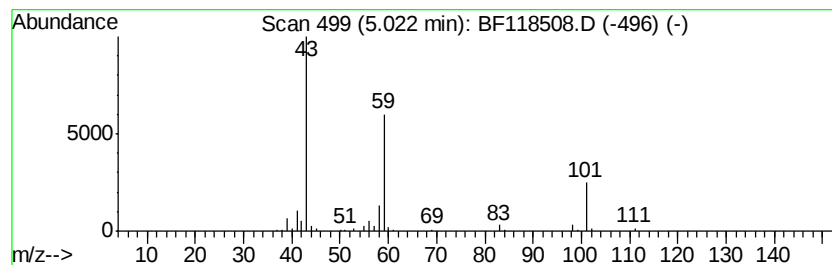
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	10.13 ng	209486	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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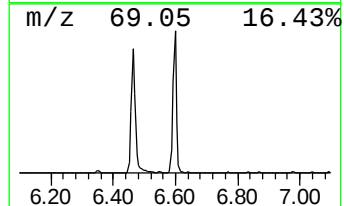
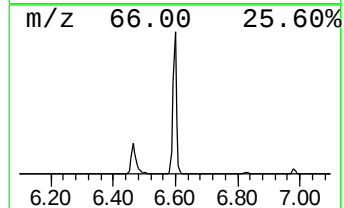
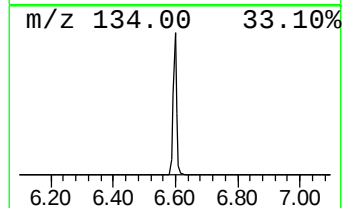
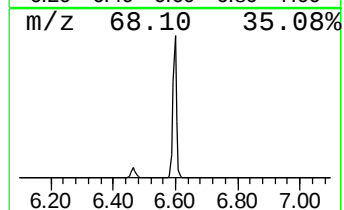
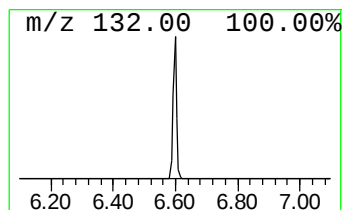
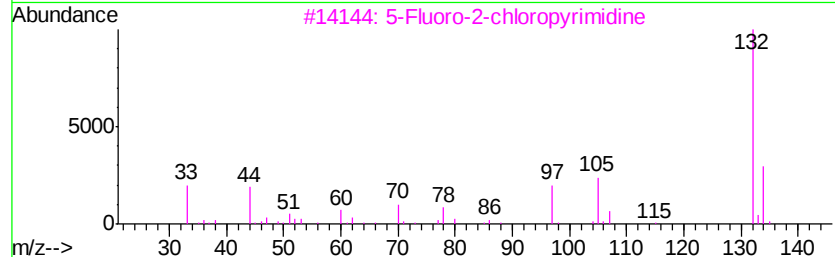
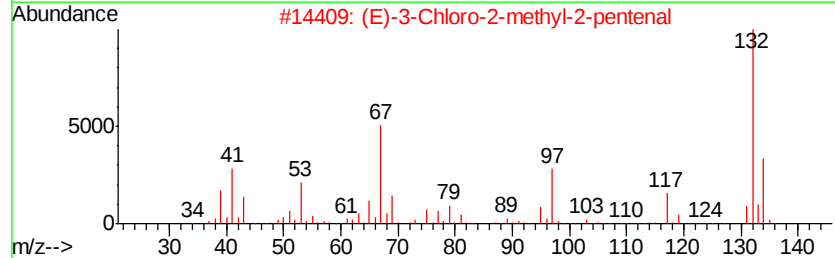
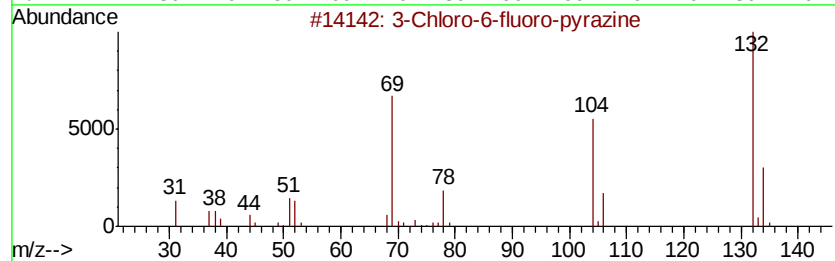
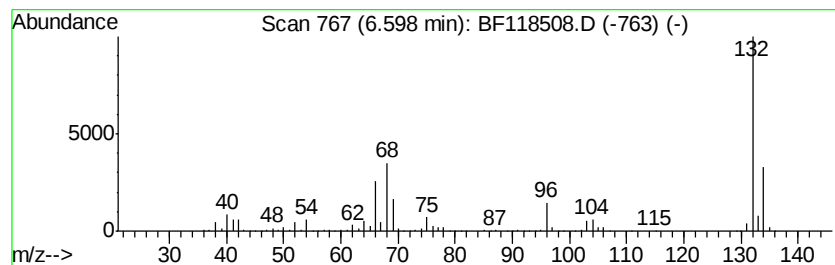
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	64.65 ng	1336510	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
5		5-Aminoindole	132	C8H8N2	005192-03-0	16



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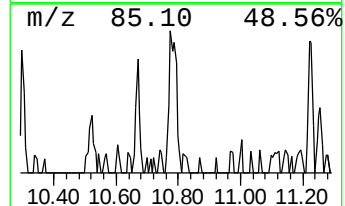
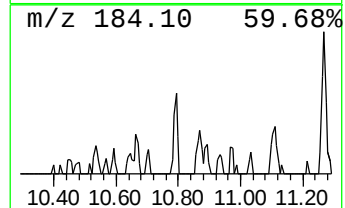
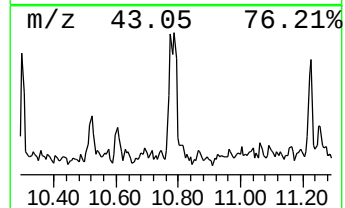
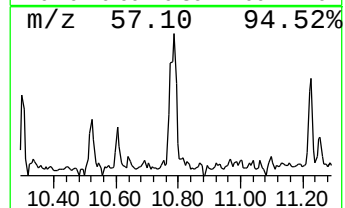
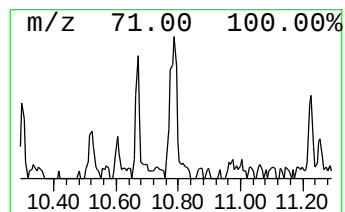
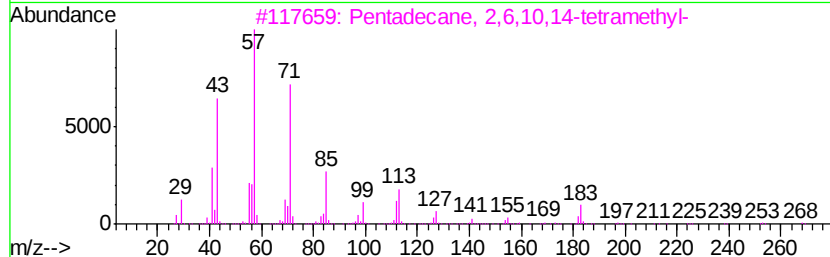
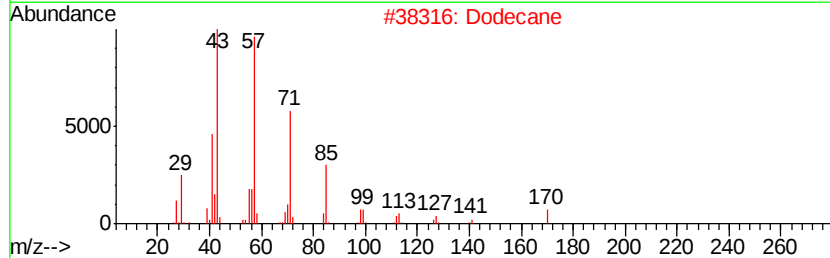
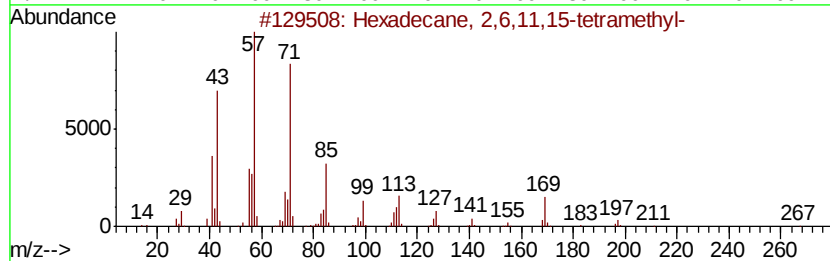
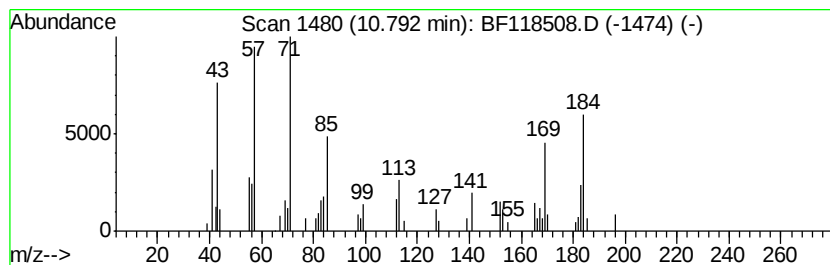
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Hexadecane, 2,6,11,15-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	2.23 ng	77450	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	74
2		Dodecane	170	C12H26	000112-40-3	70
3		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
4		5,5-Dibutylnonane	240	C17H36	006008-17-9	64
5		Tridecane	184	C13H28	000629-50-5	58



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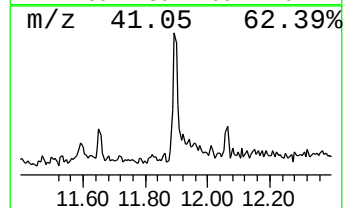
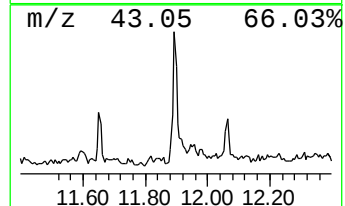
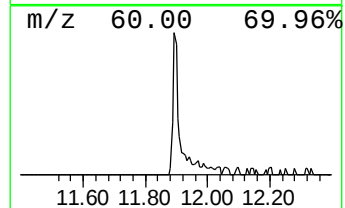
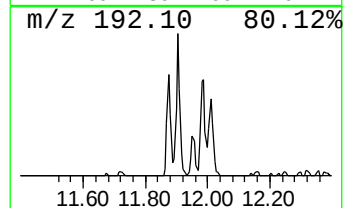
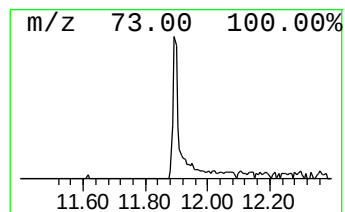
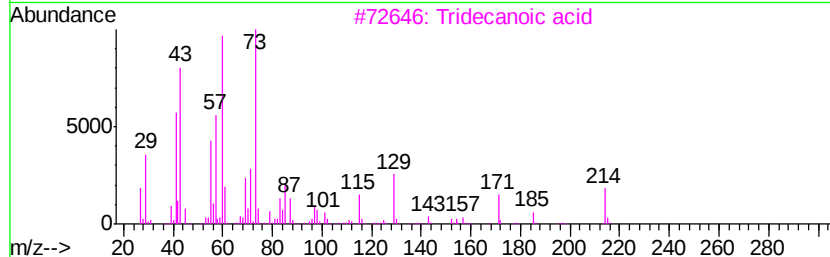
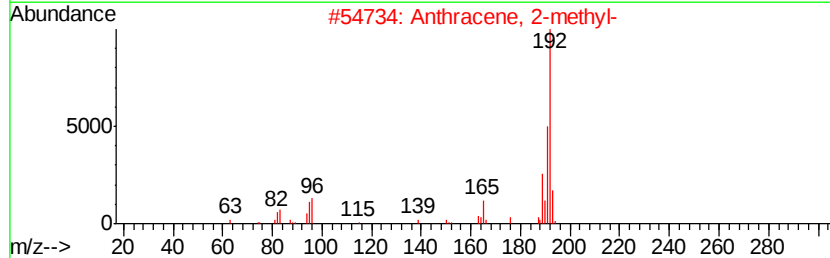
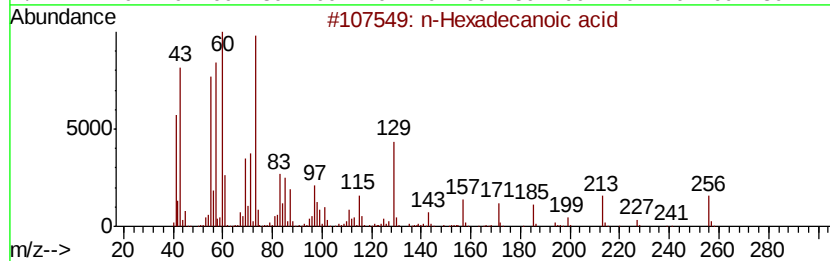
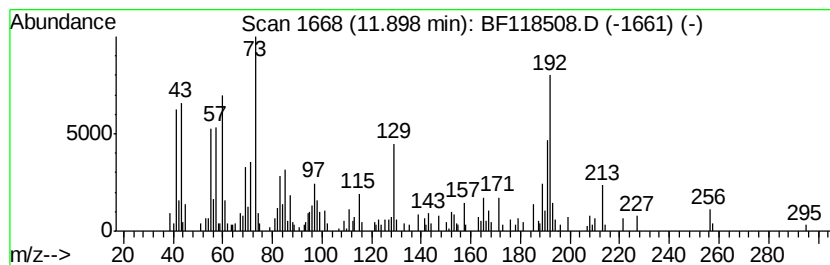
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.90	6.76 ng	234681	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	76



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ClientSampleId :
TP-3

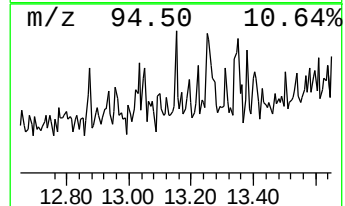
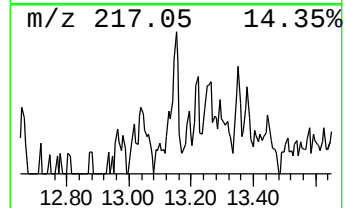
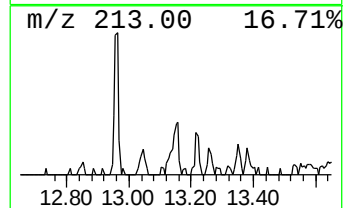
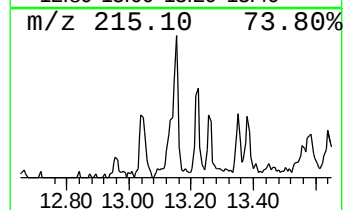
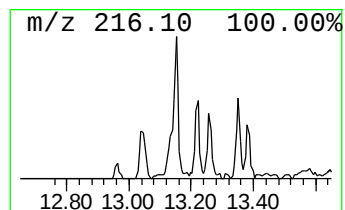
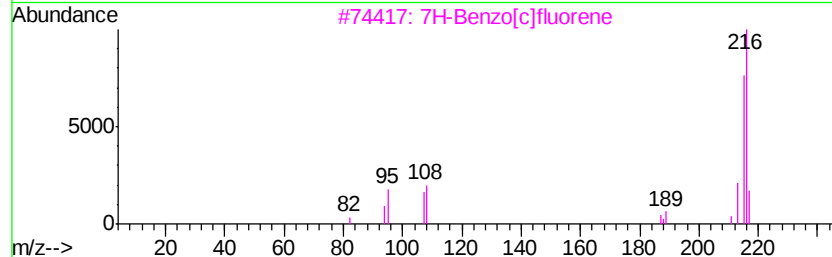
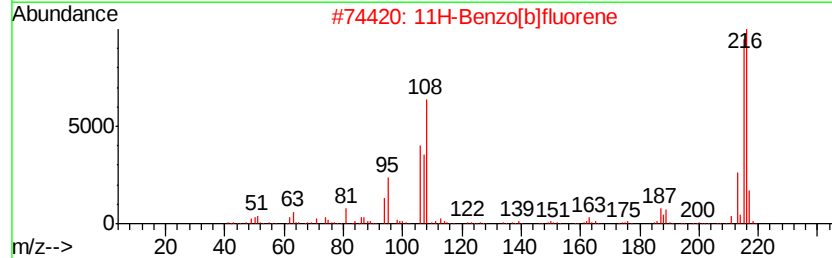
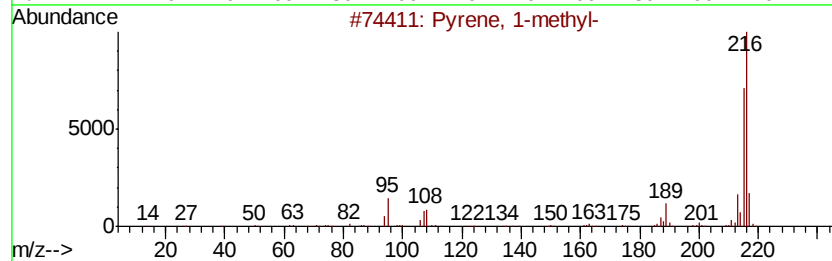
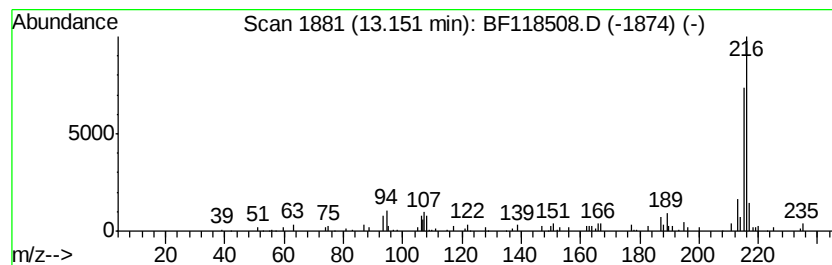
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.12 ng	71999	Chrysene-d12	14.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	90
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118508.D
Acq On : 8 Jan 2020 19:49
Operator : JU
Sample : L1049-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

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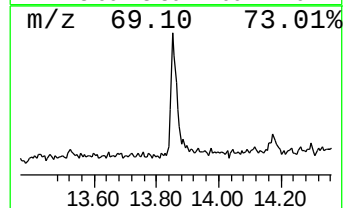
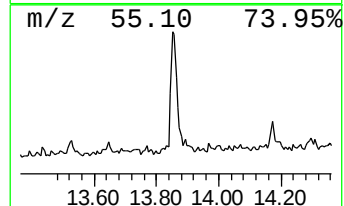
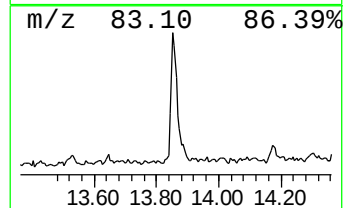
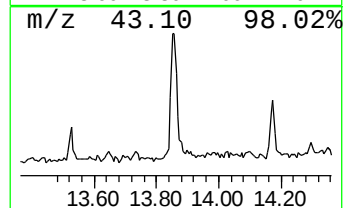
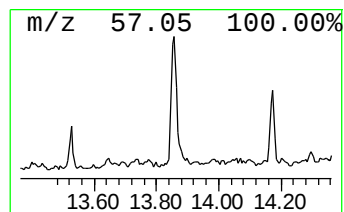
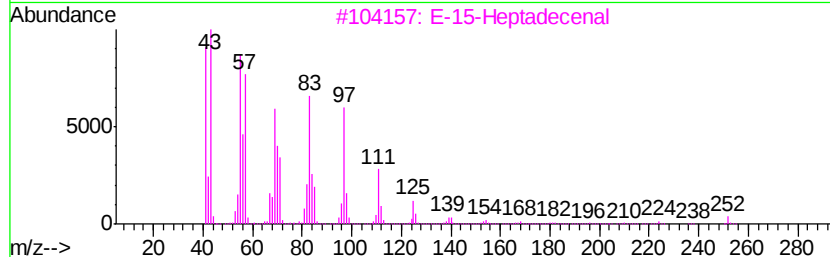
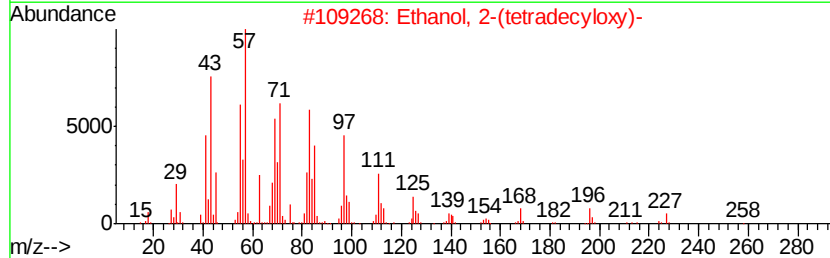
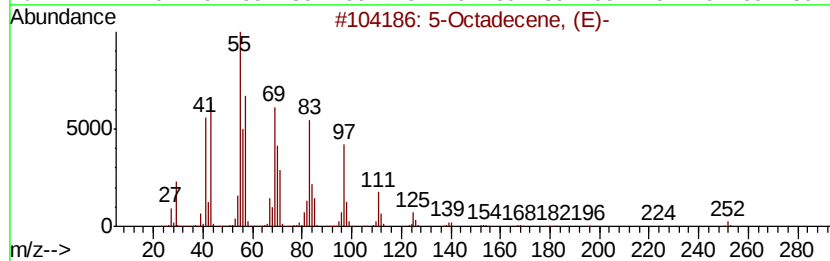
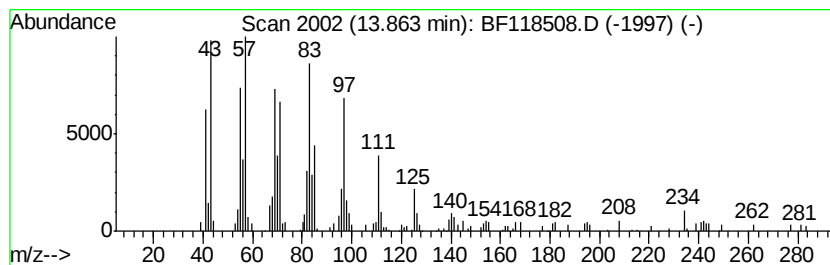
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 5-Octadecene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	8.74 ng	297677	Chrysene-d12	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Octadecene, (E)-	252	C18H36	007206-21-5	92
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
3		E-15-Heptadecenal	252	C17H32O	1000130-97-9	83
4		5-Eicosene, (E)-	280	C20H40	074685-30-6	83
5		1-Eicosene	280	C20H40	003452-07-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118508.D
Acq On : 8 Jan 2020 19:49
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Sample : L1049-07
Misc :
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Instrument :
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ClientSampleId :
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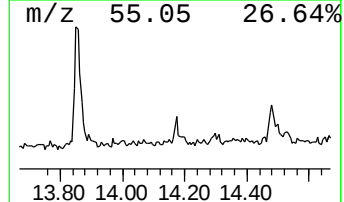
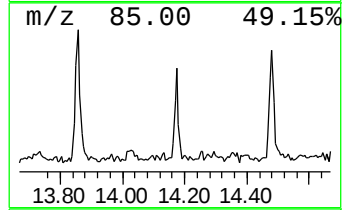
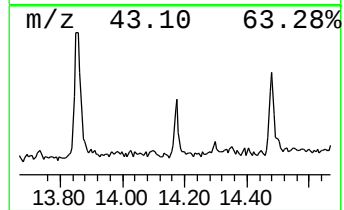
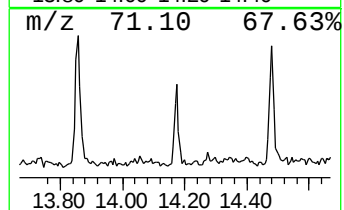
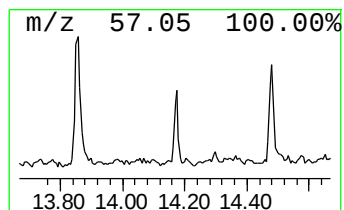
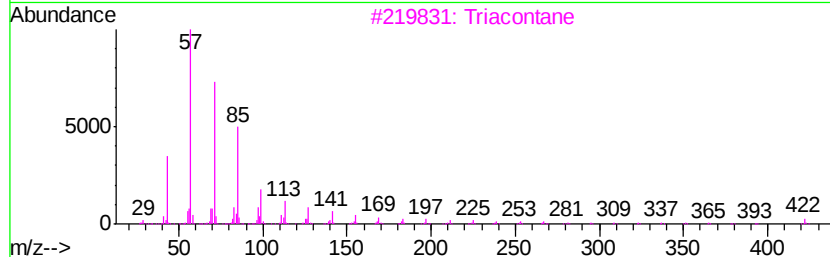
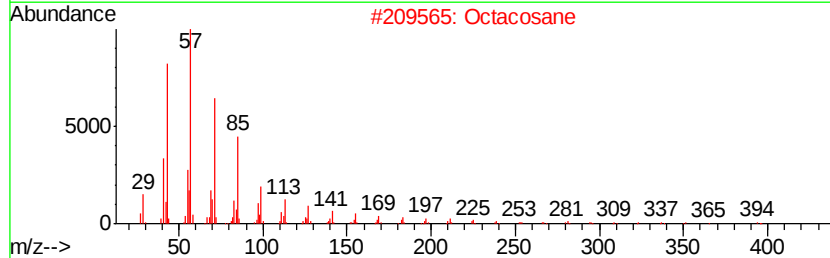
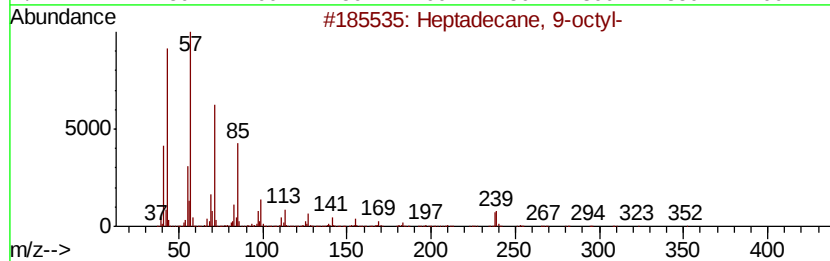
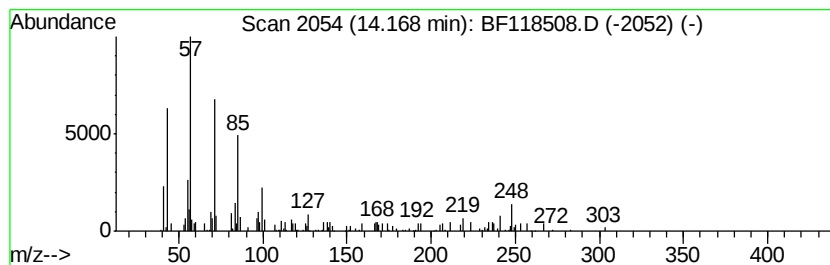
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	2.54 ng	86373	Chrysene-d12	14.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	62
2		Octacosane	394	C28H58	000630-02-4	62
3		Triacontane	422	C30H62	000638-68-6	62
4		Heneicosane	296	C21H44	000629-94-7	62
5		Octadecane	254	C18H38	000593-45-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118508.D
Acq On : 8 Jan 2020 19:49
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Sample : L1049-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

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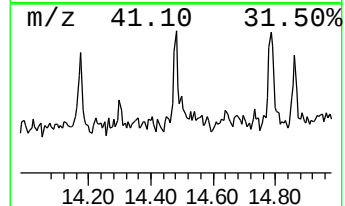
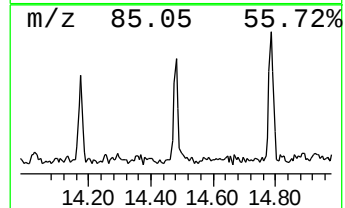
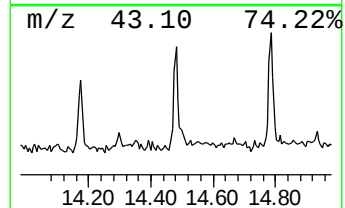
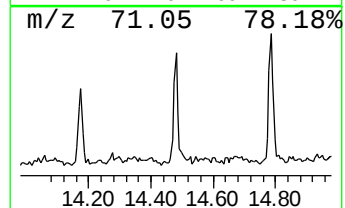
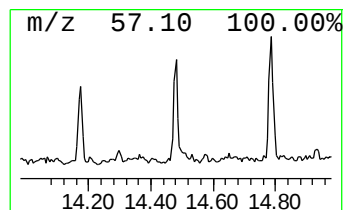
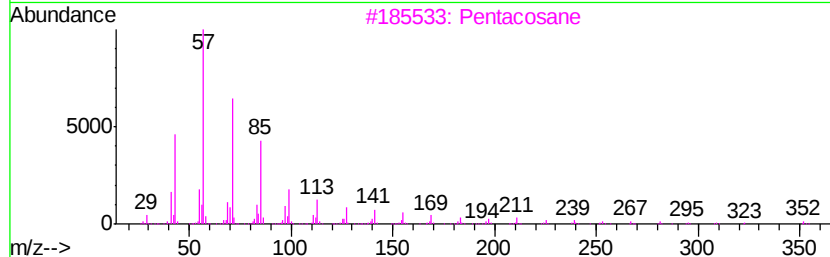
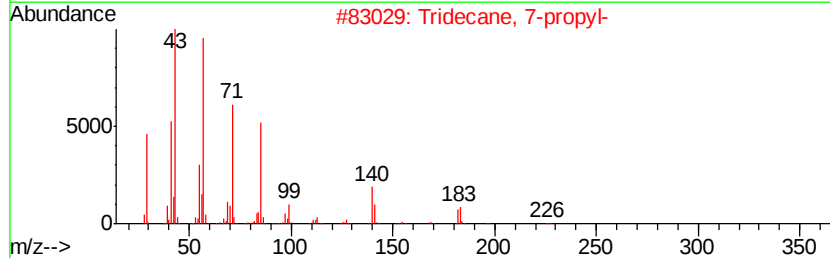
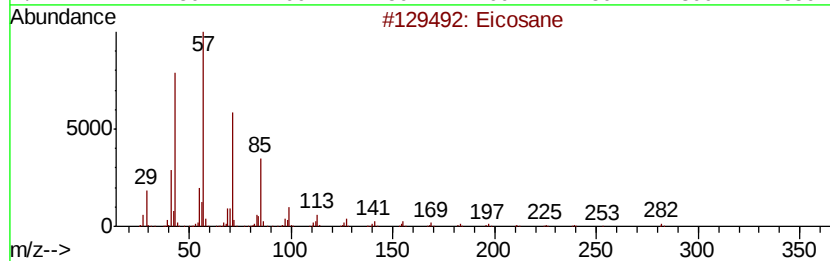
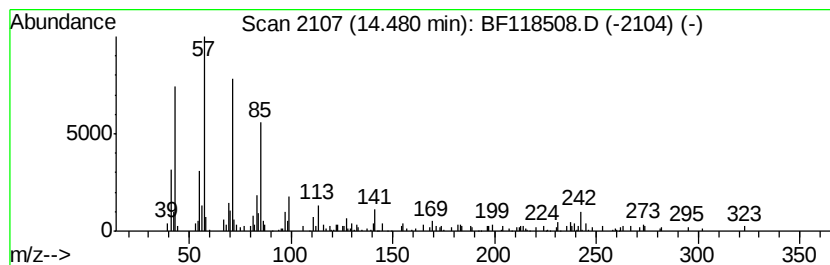
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	3.77 ng	128187	Chrysene-d12	14.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	90
2	Tridecane, 7-propyl-		226	C16H34	055045-09-5	89
3	Pentacosane		352	C25H52	000629-99-2	83
4	triacontane		422	C30H62	000638-68-6	83
5	Heneicosane		296	C21H44	000629-94-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
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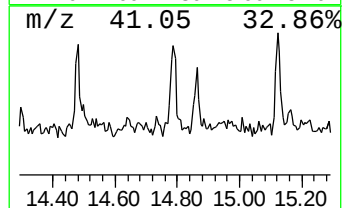
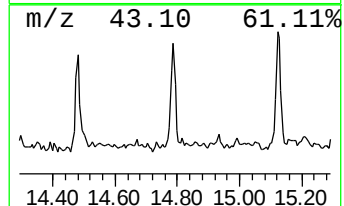
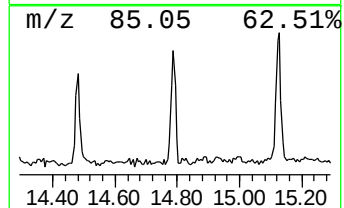
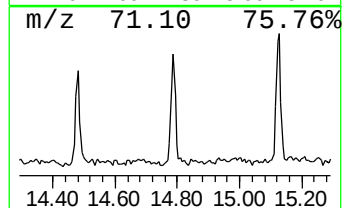
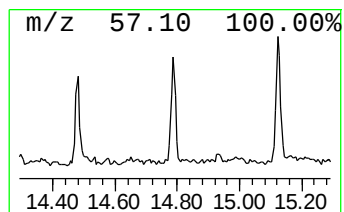
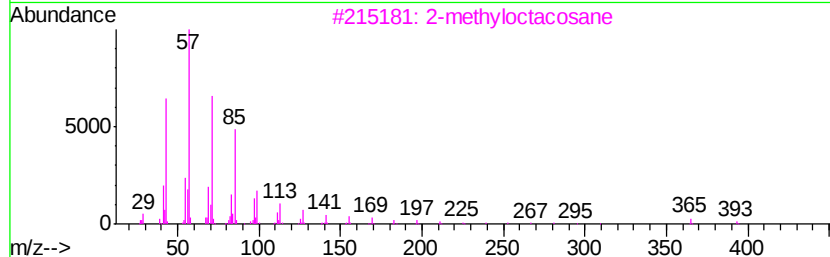
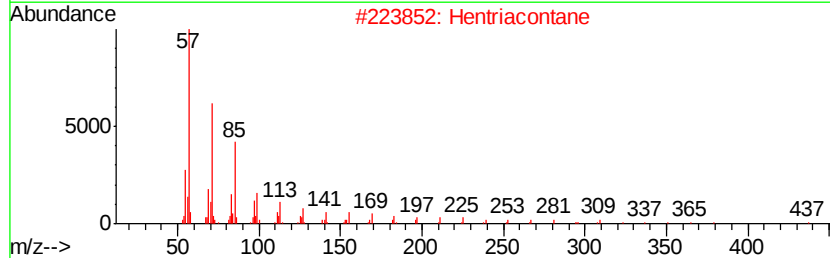
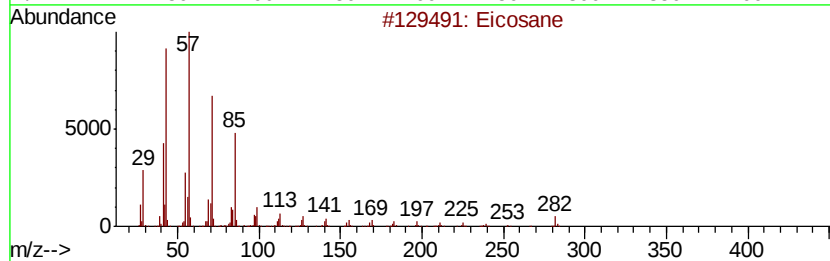
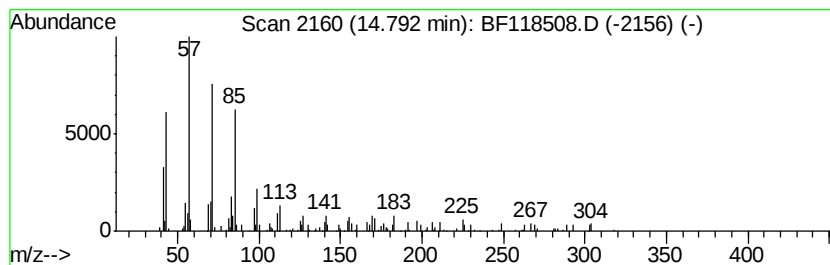
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Hentriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.29 ng	86218	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Hentriacontane	437	C31H64	000630-04-6	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Pentacosane	352	C25H52	000629-99-2	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
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Misc :
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ClientSampleId :
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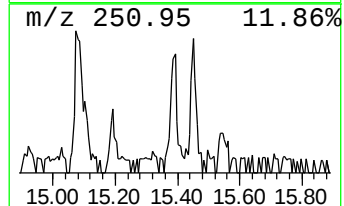
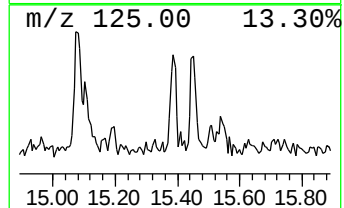
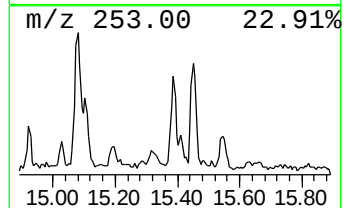
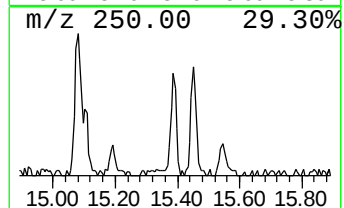
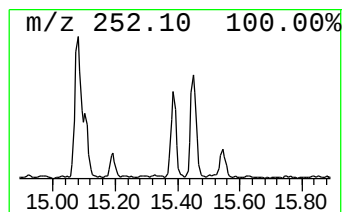
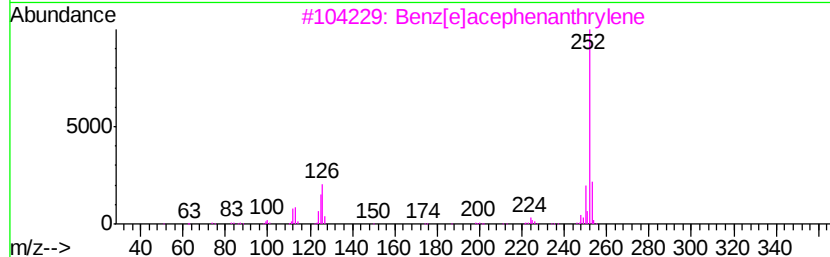
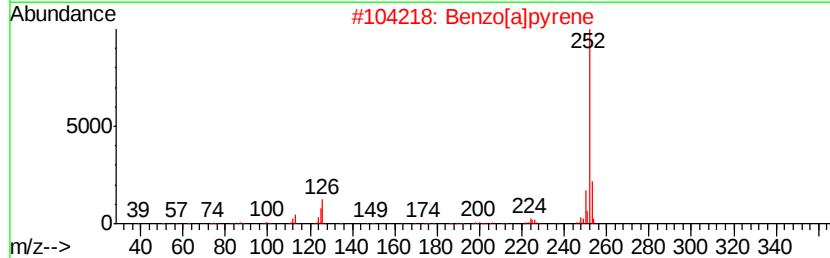
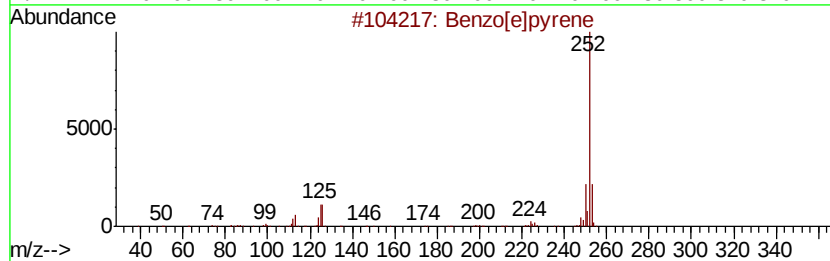
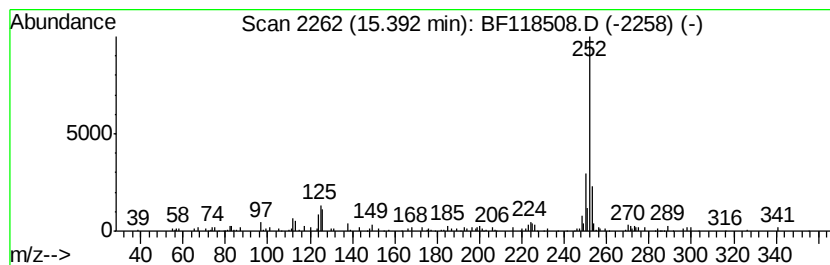
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	2.29 ng	86033	Perylene-d12	15.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[a]pyrene	252	C20H12	000050-32-8	94
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5		Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
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Misc :
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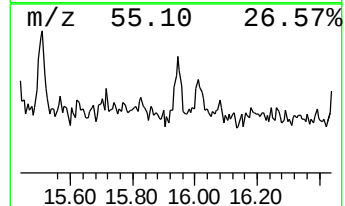
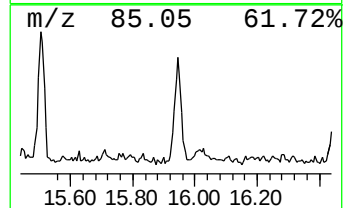
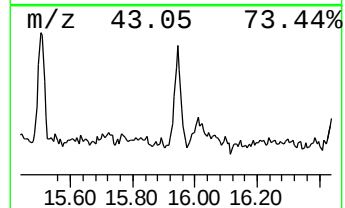
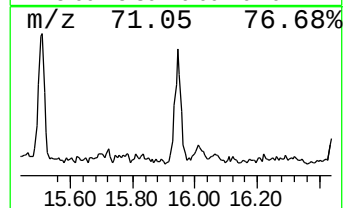
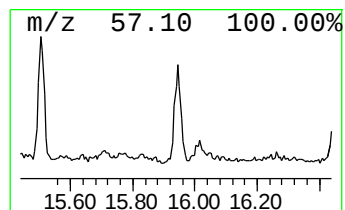
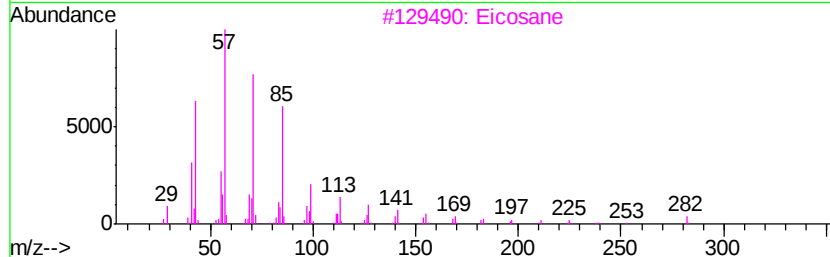
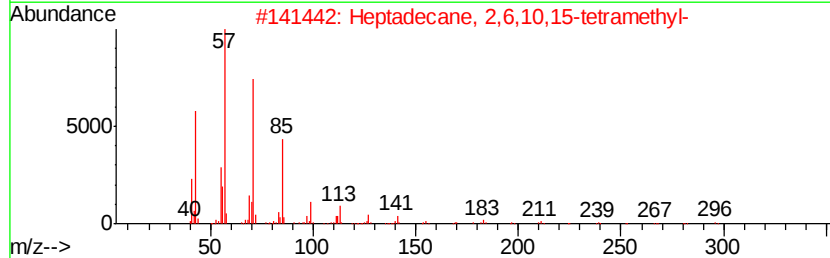
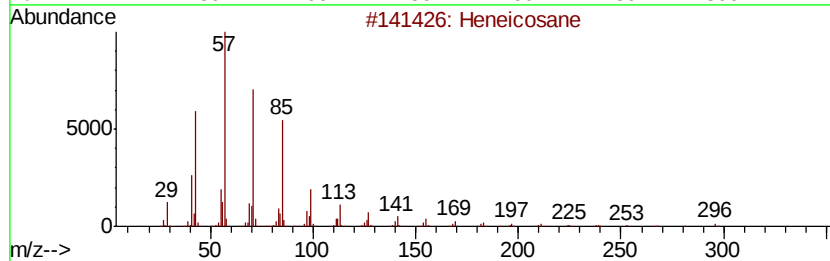
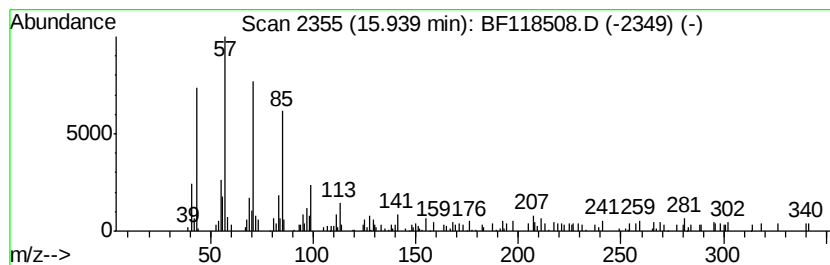
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	5.15 ng	193678	Perylene-d12	15.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	93
2	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	76
3	Eicosane		282	C20H42	000112-95-8	76
4	Nonadecane, 9-methyl-		282	C20H42	013287-24-6	76
5	Tetracosane, 11-decyl-		479	C34H70	055429-84-0	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010820\
 Data File : BF118508.D
 Acq On : 8 Jan 2020 19:49
 Operator : JU
 Sample : L1049-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.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
2-Pentanone, 4-hy...	5.02	10.1	ng	209486	1	6.83	413482	20.0
unknown6.60	6.60	64.7	ng	1336510	1	6.83	413482	20.0
Hexadecane, 2,6,1...	10.79	2.2	ng	77450	4	11.37	694438	20.0
n-Hexadecanoic acid	11.90	6.8	ng	234681	4	11.37	694438	20.0
Pyrene, 1-methyl-	13.15	2.1	ng	71999	5	14.03	680824	20.0
5-Octadecene, (E)-	13.86	8.7	ng	297677	5	14.03	680824	20.0
Heptadecane, 9-oc...	14.17	2.5	ng	86373	5	14.03	680824	20.0
Eicosane	14.48	3.8	ng	128187	5	14.03	680824	20.0
Hentriacontane	14.79	2.3	ng	86218	6	15.52	752080	20.0
Benzo[e]pyrene	15.39	2.3	ng	86033	6	15.52	752080	20.0
Heneicosane	15.94	5.2	ng	193678	6	15.52	752080	20.0
Octadecane, 3-eth...	16.45	2.3	ng	85927	6	15.52	752080	20.0