

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
 Data File : BP001620.D
 Acq On : 15 Jan 2020 21:21
 Operator : JU
 Sample : L1123-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-02-COMP

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_P\METHODS\8270-BP010820.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.870	10	14	23	rBV2	28118	56340	3.86%	0.502%
2	2.952	24	28	40	rVB	208111	250128	17.12%	2.228%
3	4.799	337	342	350	rVB	135295	181888	12.45%	1.620%
4	5.258	414	420	432	rBV	542280	802966	54.96%	7.154%
5	6.828	680	687	703	rBV	587147	939576	64.32%	8.371%
6	7.175	739	746	759	rVB	571805	883395	60.47%	7.870%
7	7.634	817	824	835	rVB	151154	234364	16.04%	2.088%
8	7.952	871	878	887	rBV	421707	663570	45.42%	5.912%
9	8.781	1007	1019	1033	rBV	341797	591550	40.49%	5.270%
10	10.404	1288	1295	1309	rBV	164743	287280	19.66%	2.559%
11	12.898	1712	1719	1739	rBV	726215	1054141	72.16%	9.392%
12	13.745	1857	1863	1878	rBV	68509	99024	6.78%	0.882%
13	13.951	1892	1898	1903	rBV2	16976	31313	2.14%	0.279%
14	13.992	1903	1905	1915	rVB2	13086	22618	1.55%	0.202%
15	14.281	1947	1954	1964	rBV	258620	376931	25.80%	3.358%
16	15.781	2203	2209	2223	rBV	657667	916213	62.72%	8.163%
17	17.039	2417	2423	2429	rBV	311465	451332	30.89%	4.021%
18	17.081	2429	2430	2437	rVB	14453	16132	1.10%	0.144%
19	17.175	2442	2446	2452	rVB4	15726	22944	1.57%	0.204%
20	17.975	2577	2582	2589	rBV3	29267	48374	3.31%	0.431%
21	19.069	2763	2768	2776	rBV	53137	71580	4.90%	0.638%
22	19.216	2789	2793	2797	rBV2	10063	14964	1.02%	0.133%
23	19.416	2820	2827	2838	rBV	51920	84942	5.81%	0.757%
24	19.627	2858	2863	2874	rBV	1164747	1460881	100.00%	13.015%
25	20.322	2977	2981	2985	rBV2	23967	28767	1.97%	0.256%
26	20.898	3074	3079	3096	rVB	104482	194143	13.29%	1.730%
27	21.145	3115	3121	3125	rBV	430417	568195	38.89%	5.062%
28	21.180	3125	3127	3135	rVB	46251	60414	4.14%	0.538%
29	22.710	3383	3387	3391	rBV2	37912	79219	5.42%	0.706%
30	22.751	3391	3394	3399	rVB2	52114	70352	4.82%	0.627%
31	23.180	3464	3467	3473	rVB3	28772	48733	3.34%	0.434%
32	23.280	3479	3484	3488	rBV	32031	60041	4.11%	0.535%
33	23.333	3489	3493	3495	rVV	33691	48963	3.35%	0.436%
34	23.374	3495	3500	3507	rVB	245178	437933	29.98%	3.902%

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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

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35	23.992	3600	3605	3612	rVB3	35320	65172	4.46%	0.581%
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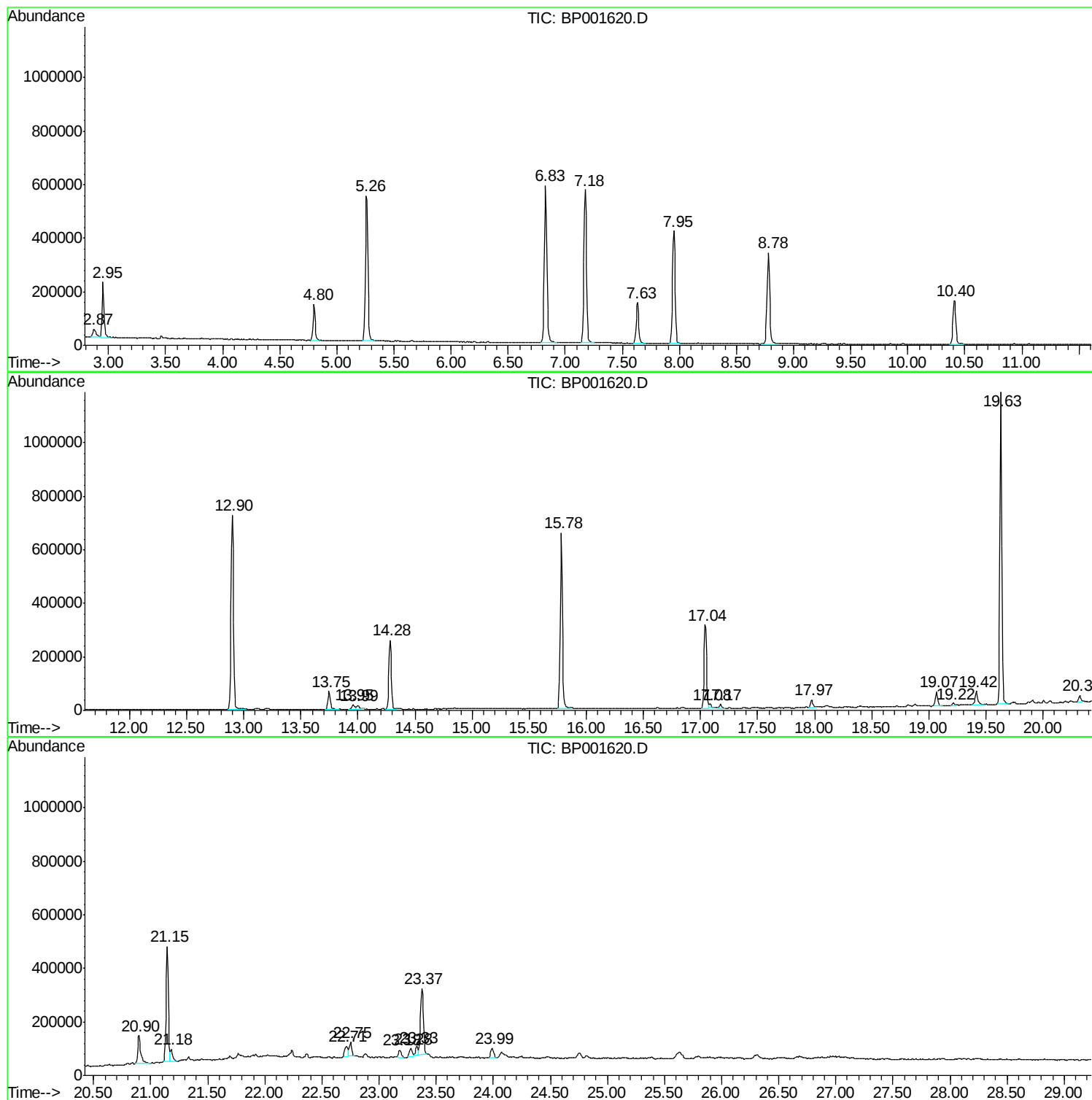
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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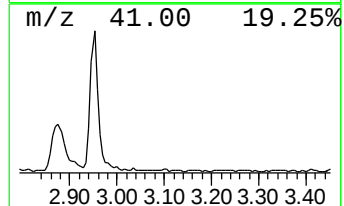
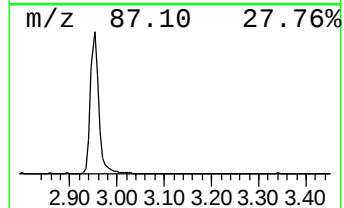
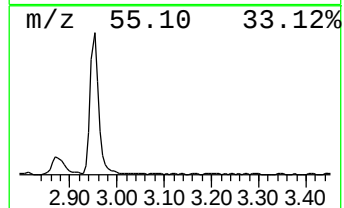
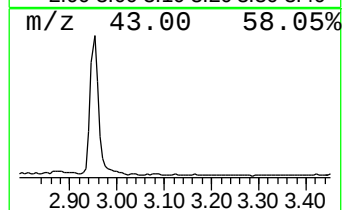
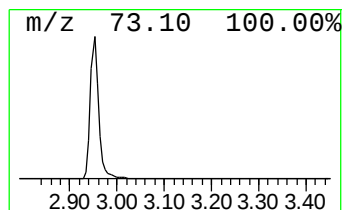
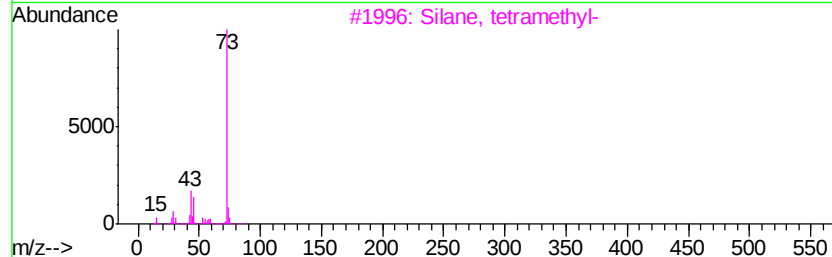
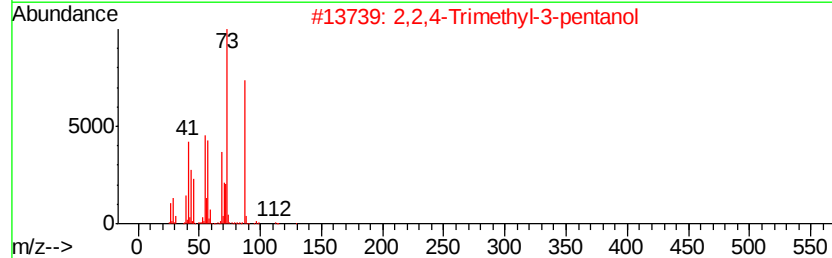
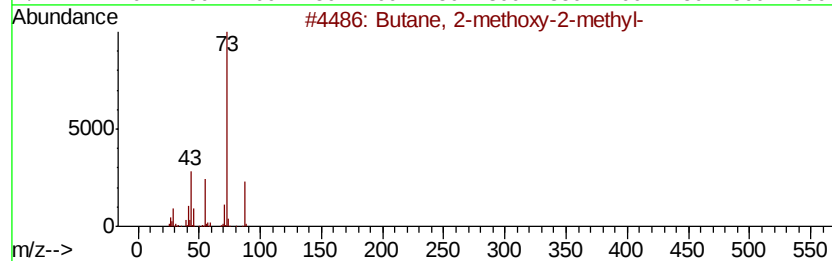
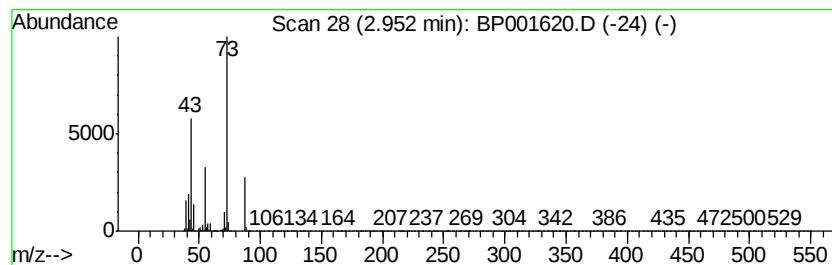
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	21.35 ng	250128	1,4-Dichlorobenzene-d4	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		3,4-Hexanediol, 2,5-dimethyl-	146	C8H18O2	022607-11-0	9



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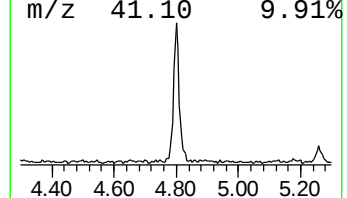
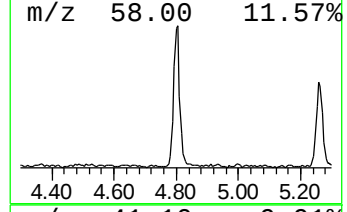
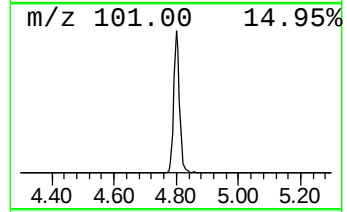
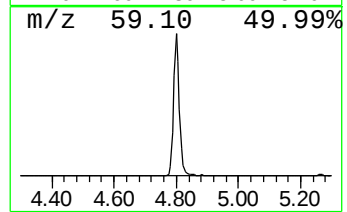
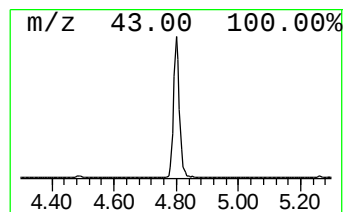
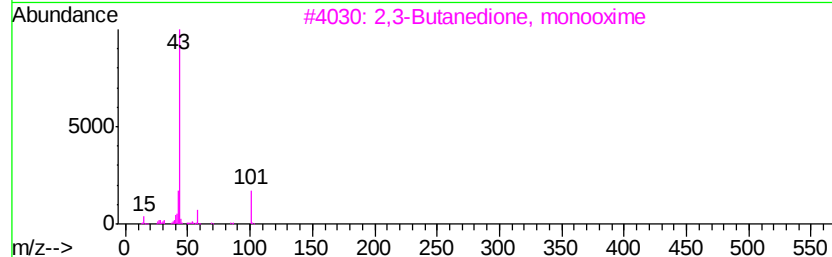
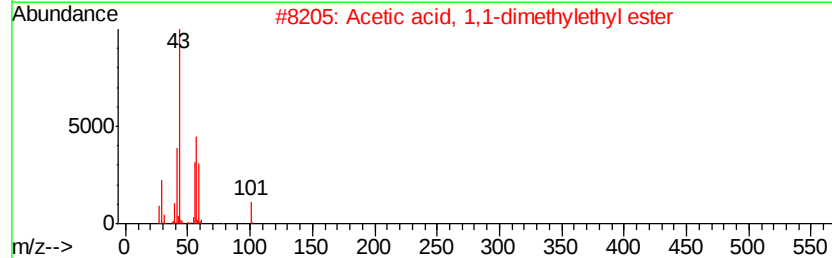
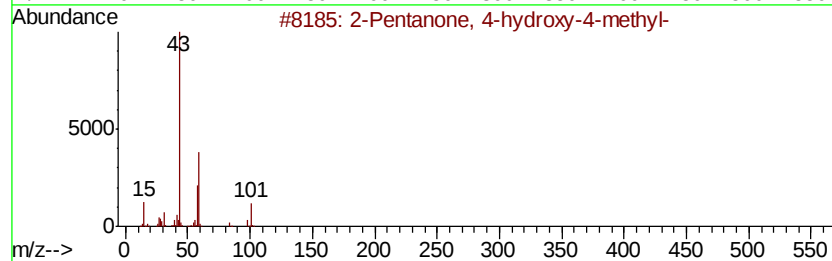
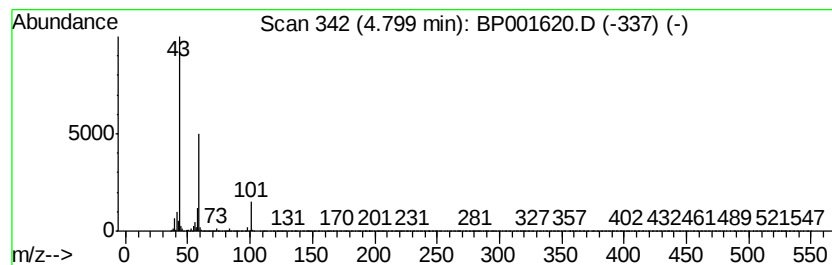
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	15.52 ng	181888	1,4-Dichlorobenzene-d4	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5		Butane	58	C4H10	000106-97-8	9



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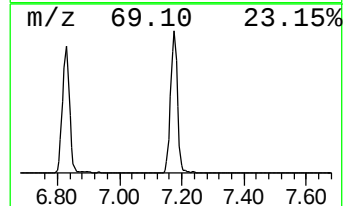
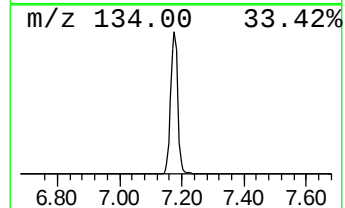
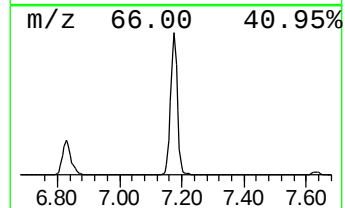
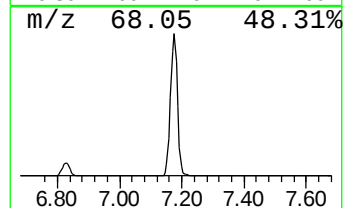
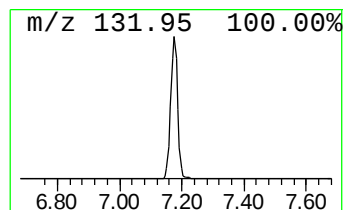
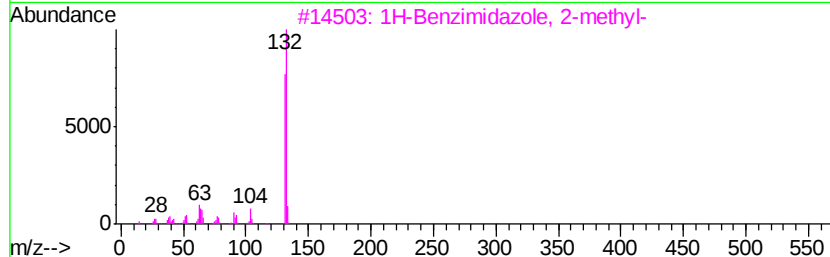
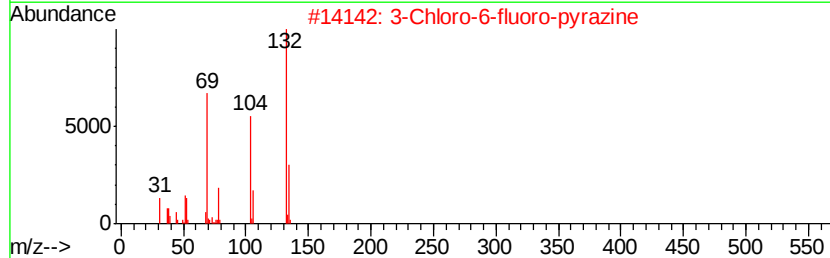
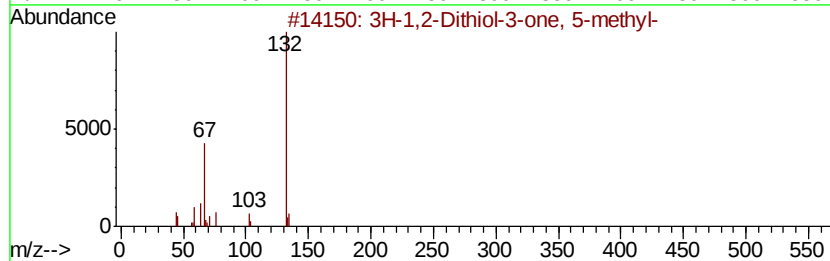
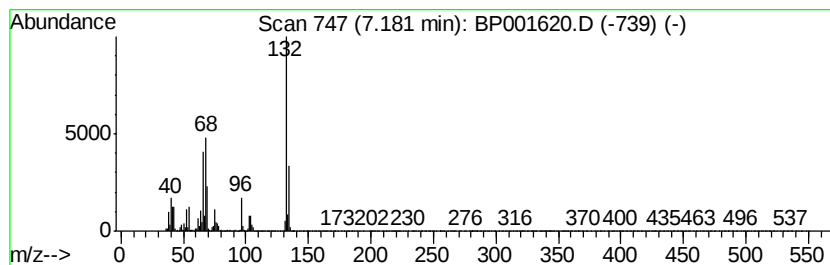
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.18 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	75.39 ng	883395	1,4-Dichlorobenzene-d4	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
5		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12



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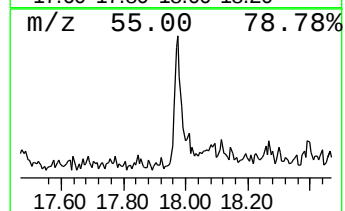
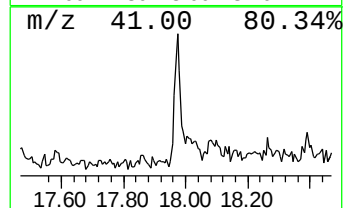
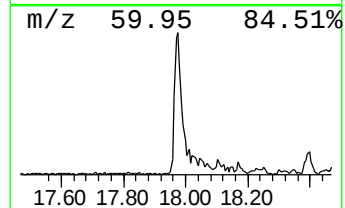
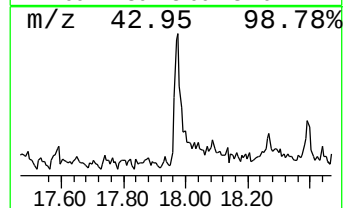
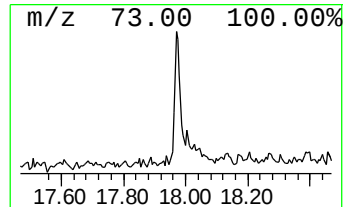
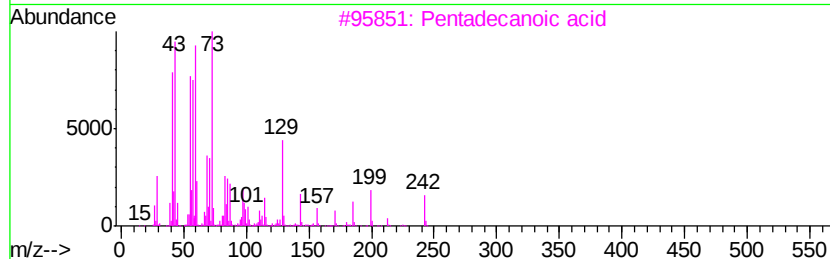
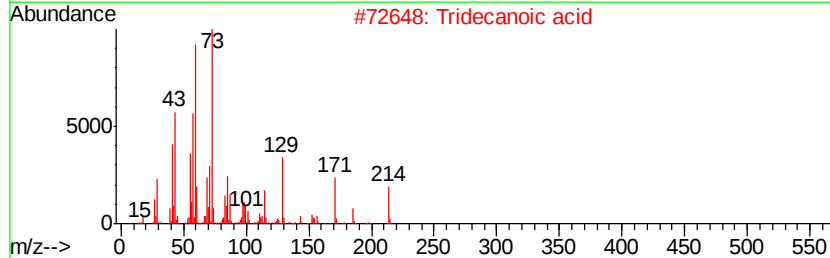
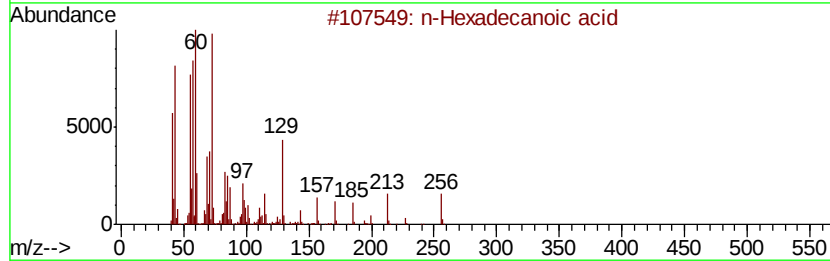
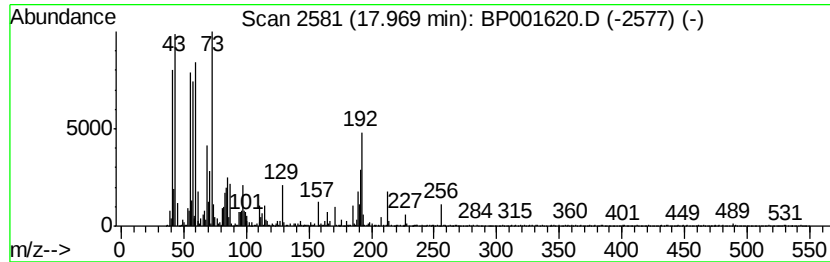
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.14 ng	48374	Phenanthrene-d10	17.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2		Tridecanoic acid	214	C13H26O2	000638-53-9	92
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Octadecanoic acid	284	C18H36O2	000057-11-4	76
5		Dodecanoic acid	200	C12H24O2	000143-07-7	53



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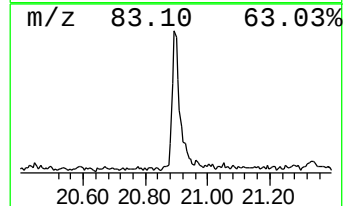
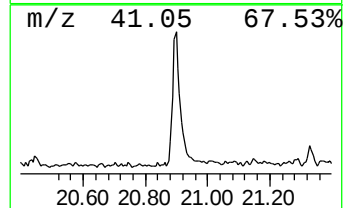
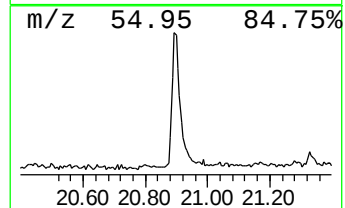
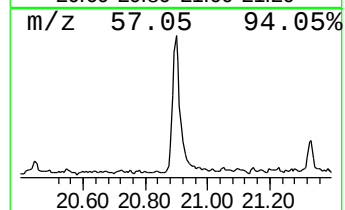
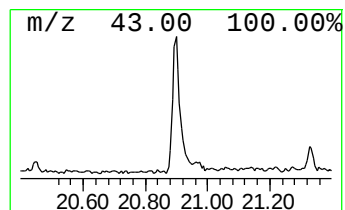
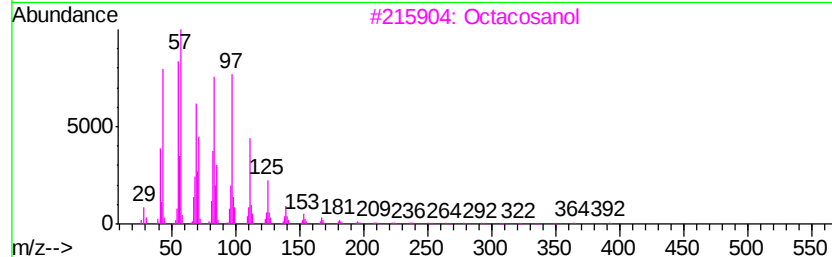
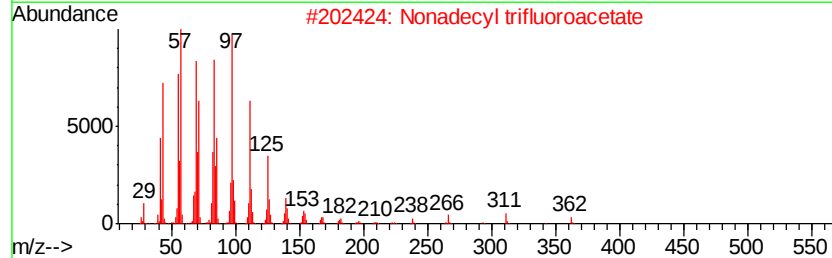
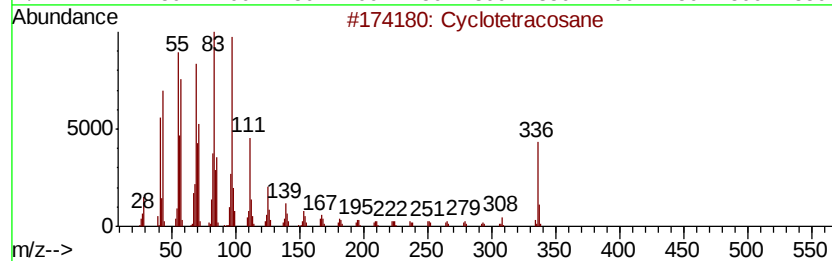
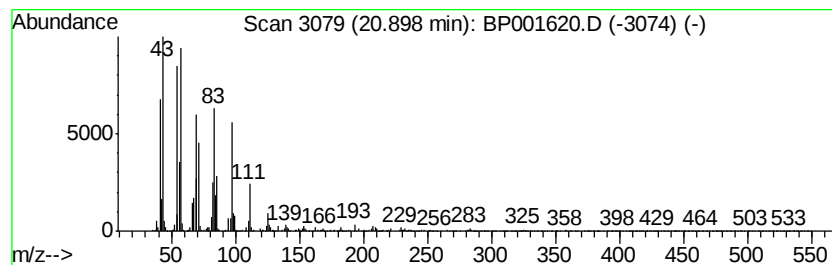
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 7 Cyclotetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	6.83 ng	194143	Chrysene-d12	21.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetracosane	336	C24H48	000297-03-0	91
2		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
3		Octacosanol	410	C28H58O	000557-61-9	91
4		n-Tetracosanol-1	354	C24H50O	000506-51-4	90
5		17-Pentatriacontene	491	C35H70	006971-40-0	90



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Operator : JU
Sample : L1123-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-02-COMP

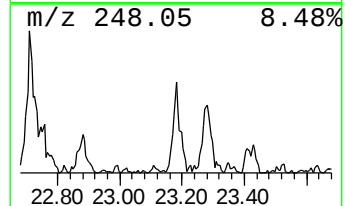
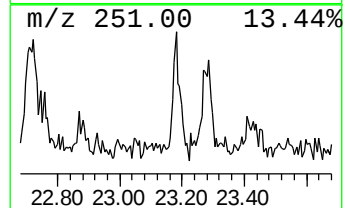
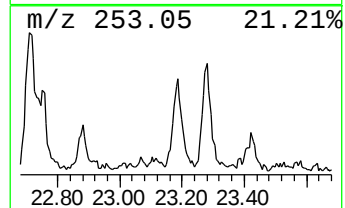
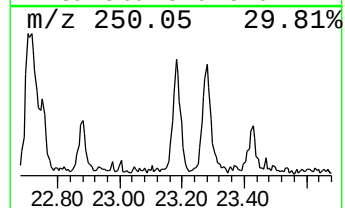
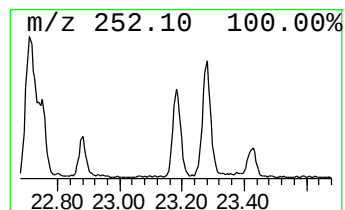
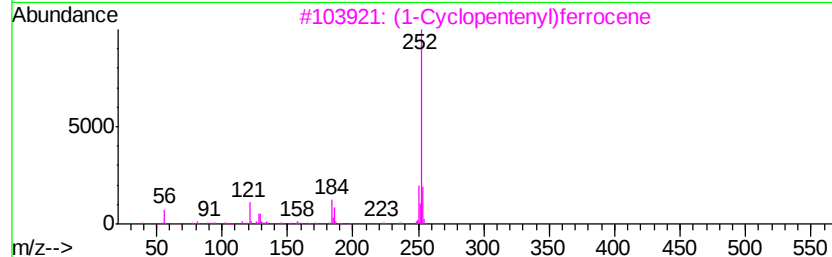
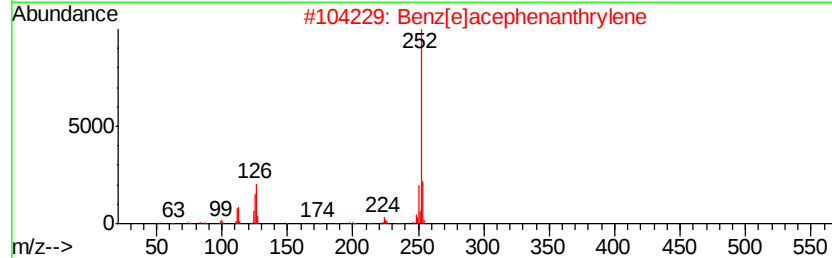
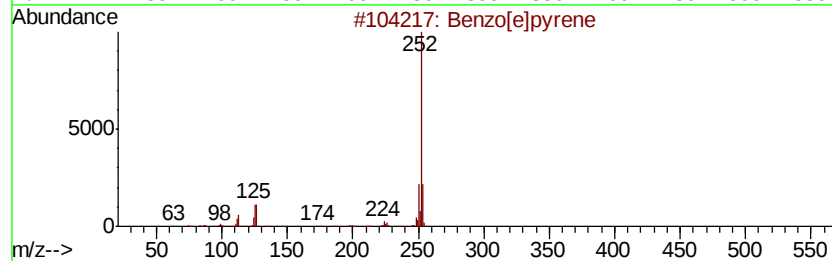
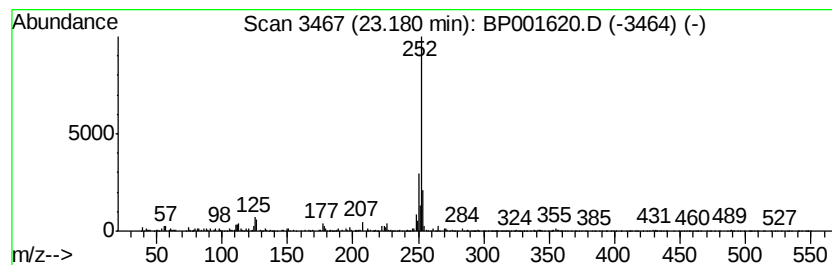
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	2.23 ng	48733	Perylene-d12	23.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	81
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81
3		(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	78
4		Perylene	252	C20H12	000198-55-0	76
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
 Data File : BP001620.D
 Acq On : 15 Jan 2020 21:21
 Operator : JU
 Sample : L1123-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-02-COMP

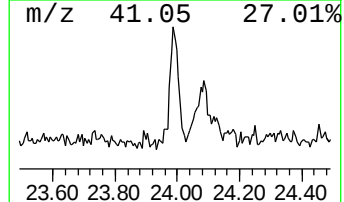
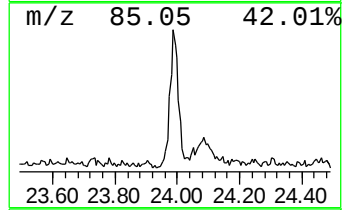
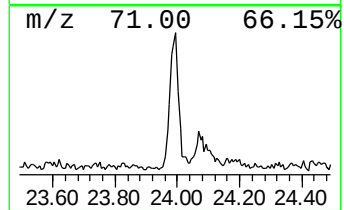
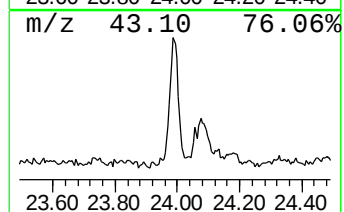
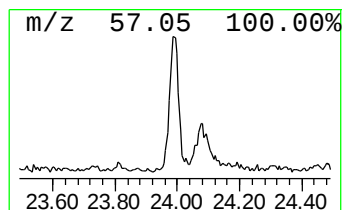
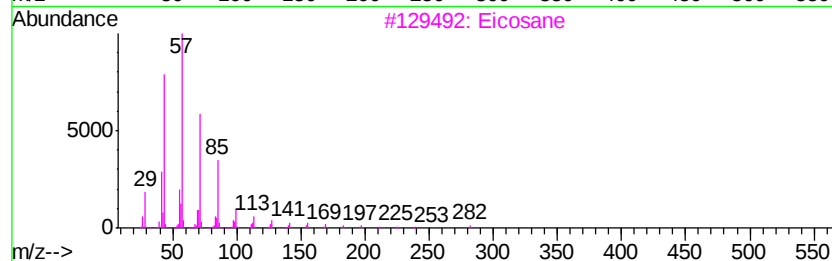
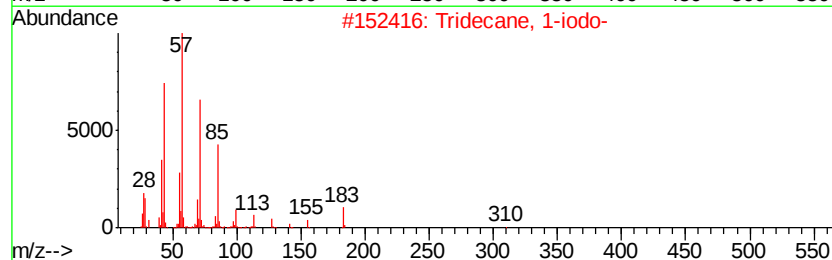
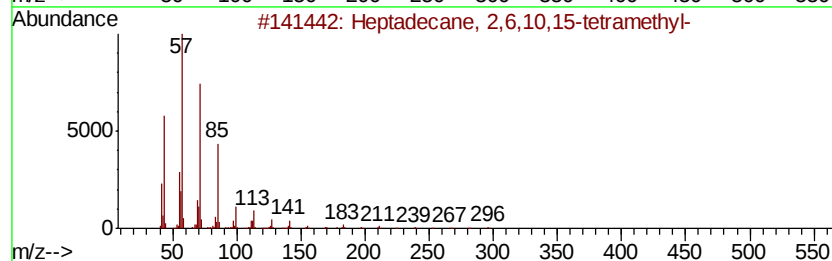
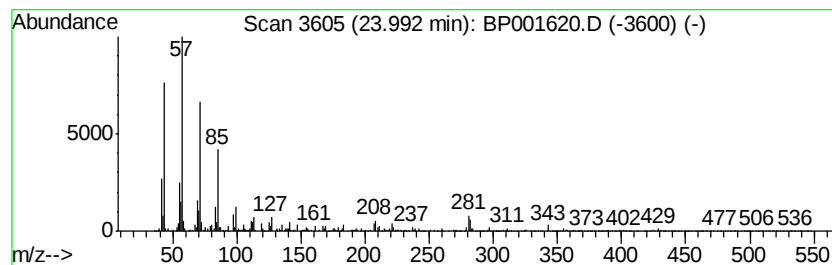
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.98 ng	65172	Perylene-d12	23.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	98
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	96
3		Eicosane	282	C20H42	000112-95-8	94
4		Heneicosane	296	C21H44	000629-94-7	93
5		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP011520\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-02-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.95	21.4	ng	250128	1	7.63	234364	20.0
2-Pentanone, 4-hy...	4.80	15.5	ng	181888	1	7.63	234364	20.0
unknown7.18	7.18	75.4	ng	883395	1	7.63	234364	20.0
n-Hexadecanoic acid	17.97	2.1	ng	48374	4	17.04	451332	20.0
Cyclotetracosane	20.90	6.8	ng	194143	5	21.15	568195	20.0
Benzo[e]pyrene	23.18	2.2	ng	48733	6	23.37	437933	20.0
Heptadecane, 2,6,...	23.99	3.0	ng	65172	6	23.37	437933	20.0