

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
 Data File : BG045286.D
 Acq On : 8 May 2020 1:59
 Operator : CG/JU
 Sample : L2530-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-14

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_G\METHODS\8270-BG041520.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	3.147	6	10	22	rVB	73247	135934	2.49%	0.437%
2	5.550	412	419	431	rBV	1094376	1855924	34.00%	5.962%
3	7.148	682	691	704	rBV	1189261	2120241	38.84%	6.811%
4	7.982	826	833	841	rBV	244222	432006	7.91%	1.388%
5	8.305	881	888	897	rBV	1019677	1798847	32.95%	5.779%
6	9.139	1021	1030	1042	rBV	780456	1453651	26.63%	4.670%
7	10.790	1303	1311	1324	rBV	321006	609412	11.16%	1.958%
8	13.245	1722	1729	1746	rBV	2276299	3612987	66.18%	11.607%
9	13.521	1770	1776	1784	rVB	178112	287978	5.28%	0.925%
10	14.068	1864	1869	1875	rBV	173251	272676	4.99%	0.876%
11	14.620	1954	1963	1971	rBV	570049	936922	17.16%	3.010%
12	15.748	2150	2155	2162	rBV3	74568	119645	2.19%	0.384%
13	16.112	2209	2217	2227	rBV	1934867	3090016	56.60%	9.927%
14	17.369	2425	2431	2435	rBV	732952	1138967	20.86%	3.659%
15	17.410	2435	2438	2445	rVB	282250	421217	7.72%	1.353%
16	17.504	2450	2454	2460	rVB	37004	62887	1.15%	0.202%
17	18.250	2575	2581	2583	rBV	44064	72215	1.32%	0.232%
18	18.297	2586	2589	2594	rVB2	62554	90060	1.65%	0.289%
19	18.444	2607	2614	2618	rBV4	57288	117211	2.15%	0.377%
20	18.779	2668	2671	2679	rVB3	35976	57046	1.04%	0.183%
21	19.419	2775	2780	2787	rVB	461302	737085	13.50%	2.368%
22	19.783	2832	2842	2849	rBV	390331	706065	12.93%	2.268%
23	19.989	2868	2877	2889	rBV	3742645	5459005	100.00%	17.537%
24	20.277	2923	2926	2935	rVB4	74954	123011	2.25%	0.395%
25	20.435	2947	2953	2956	rBV3	41526	66265	1.21%	0.213%
26	21.035	3051	3055	3060	rVB	46801	76160	1.40%	0.245%
27	21.293	3096	3099	3106	rBV3	147397	265010	4.85%	0.851%
28	21.364	3108	3111	3116	rVB3	45631	69112	1.27%	0.222%
29	21.634	3148	3157	3162	rBV2	786937	1607523	29.45%	5.164%
30	21.681	3162	3165	3177	rVB	178521	305754	5.60%	0.982%
31	21.839	3187	3192	3197	rBV5	39703	67504	1.24%	0.217%
32	22.444	3289	3295	3299	rBV5	54934	100667	1.84%	0.323%
33	23.132	3407	3412	3416	rVB2	50220	97764	1.79%	0.314%
34	23.801	3518	3526	3534	rBV	139893	474055	8.68%	1.523%

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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_G\METHODS\8270-BG041520.M
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35	23.925	3542	3547	3554	rVB3	67380	132434	2.43%	0.425%
36	24.512	3640	3647	3655	rVB2	80338	213627	3.91%	0.686%
37	24.647	3662	3670	3681	rVB	105083	297580	5.45%	0.956%
38	24.806	3686	3697	3705	rBV2	423023	1301909	23.85%	4.182%
39	25.981	3890	3897	3905	rVB4	51939	147616	2.70%	0.474%
40	28.389	4296	4307	4315	rBV2	48858	194759	3.57%	0.626%

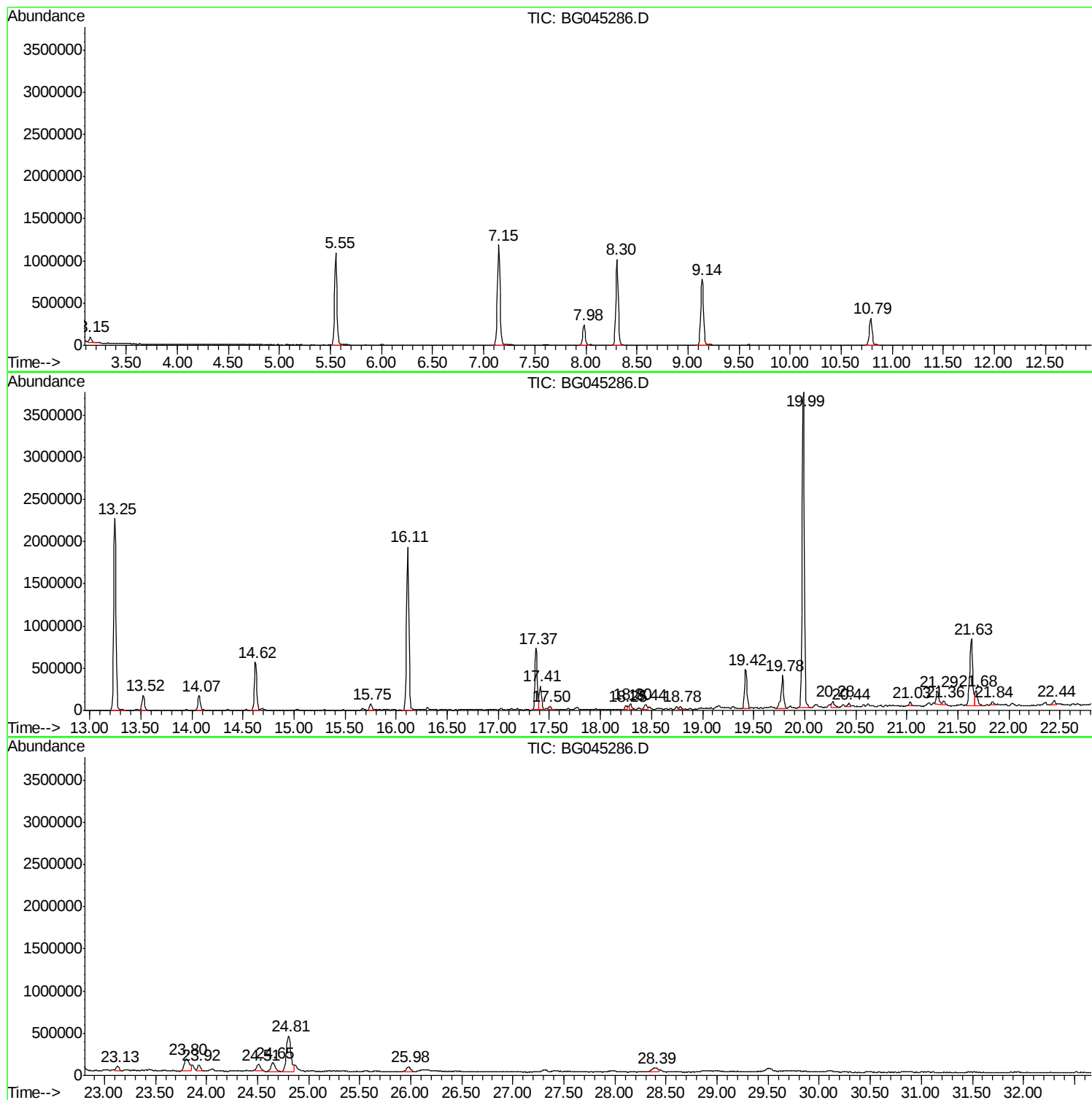
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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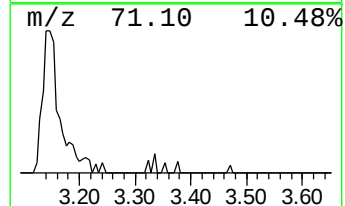
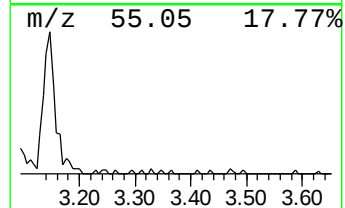
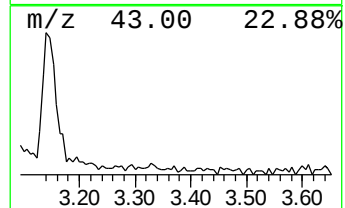
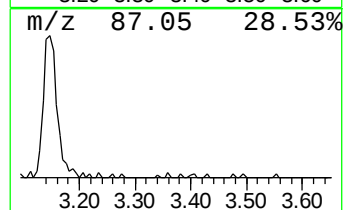
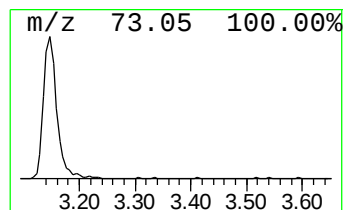
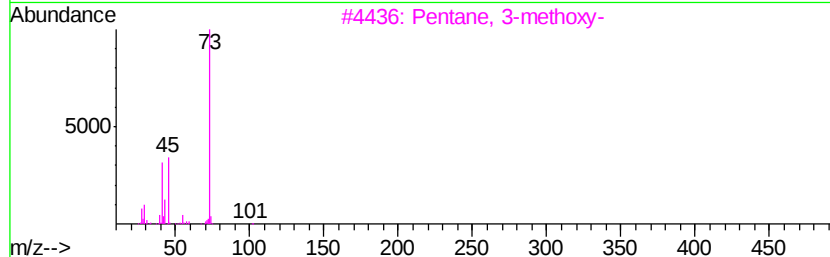
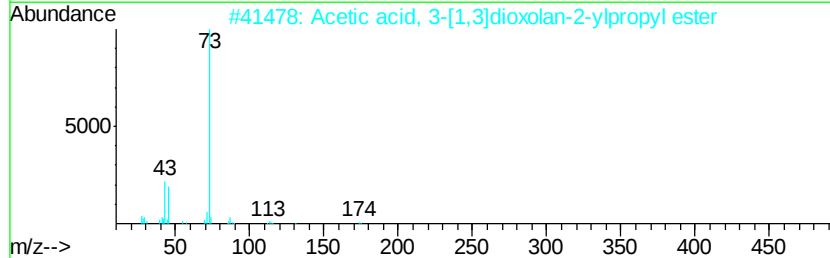
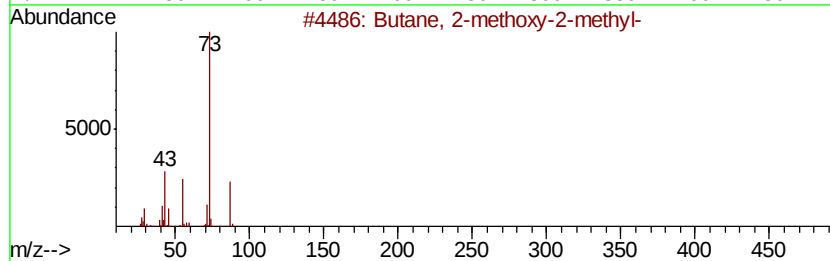
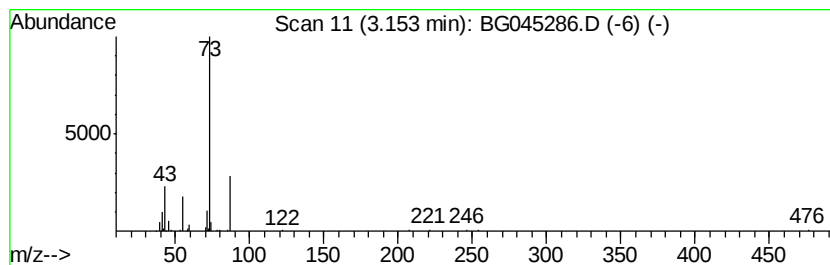
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	6.29 ng	135934	1,4-Dichlorobenzene-d4	7.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2			Acetic acid, 3-[1,3]dioxolan-2-ylpropyl ester	174	C8H14O4	1000186-02-3	25
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4			1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5			Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	9



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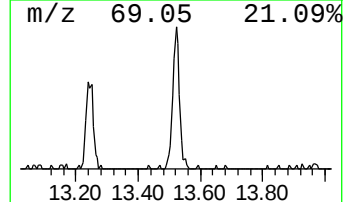
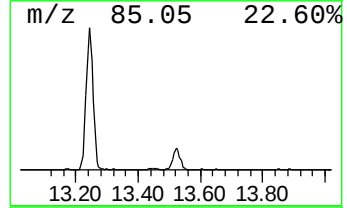
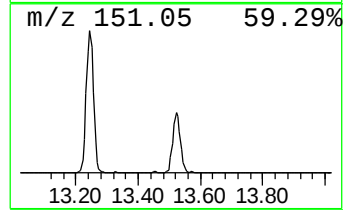
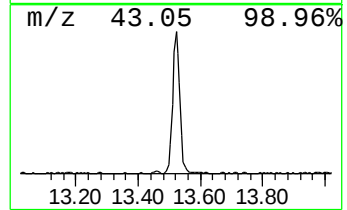
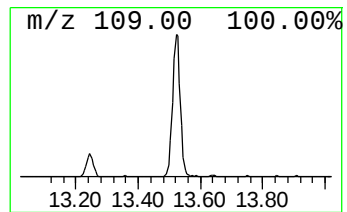
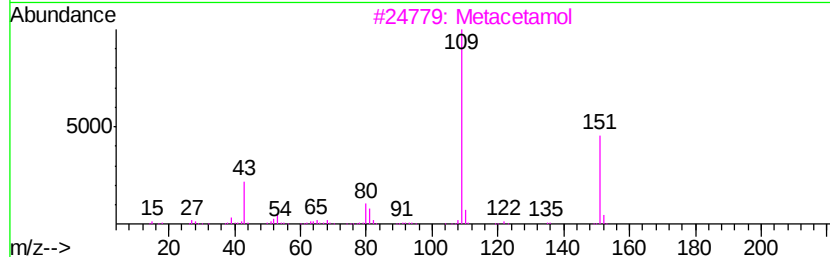
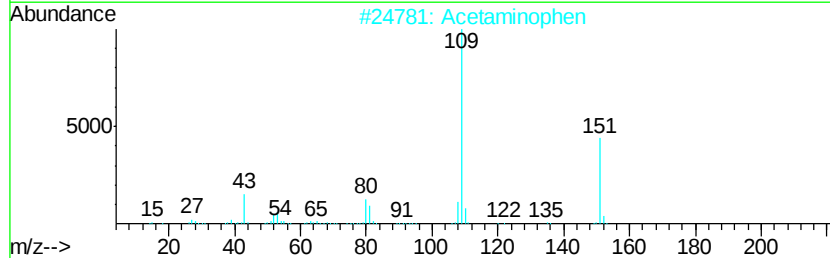
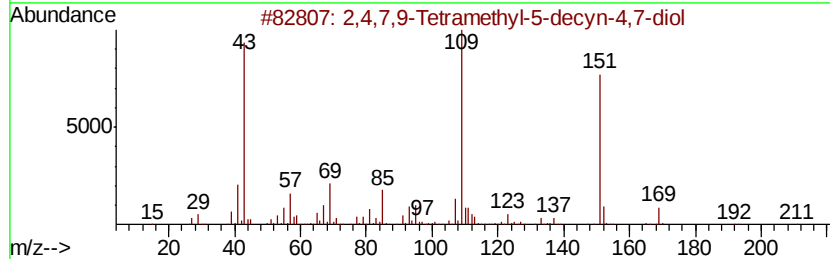
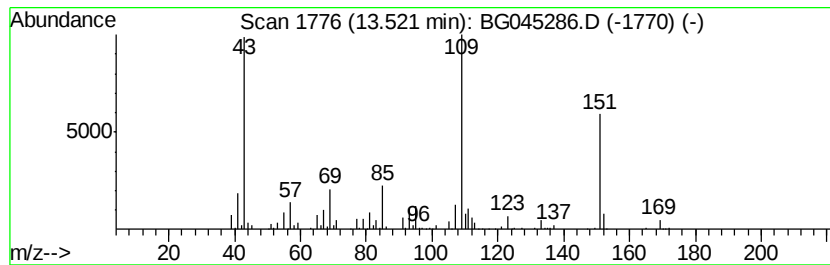
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Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	6.15 ng	287978	Acenaphthene-d10	14.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2		000126-86-3	62
2	Acetaminophen	151	C8H9NO2		000103-90-2	50
3	Metacetamol	151	C8H9NO2		000621-42-1	50
4	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2		001006-96-8	50
5	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O		043219-68-7	43



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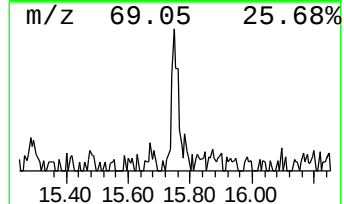
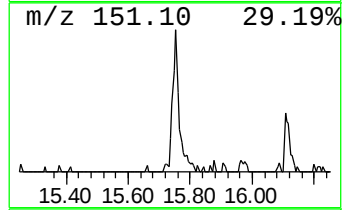
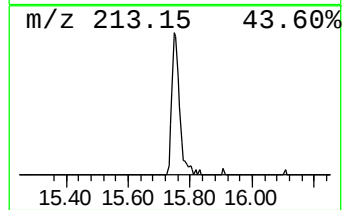
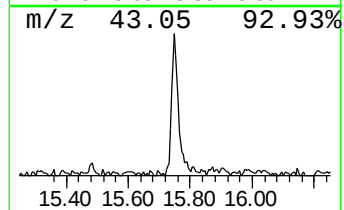
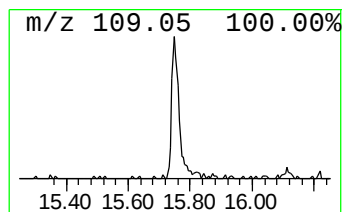
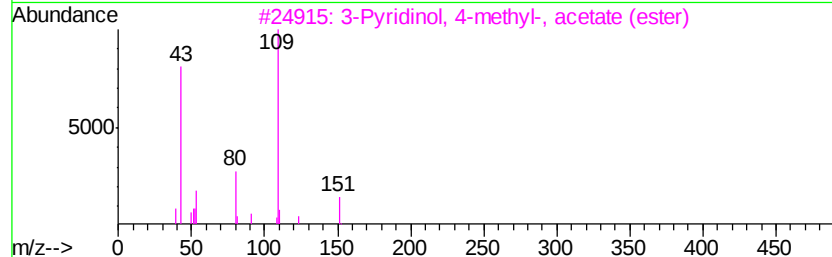
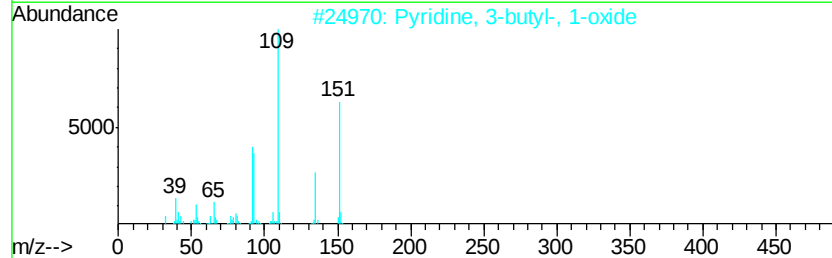
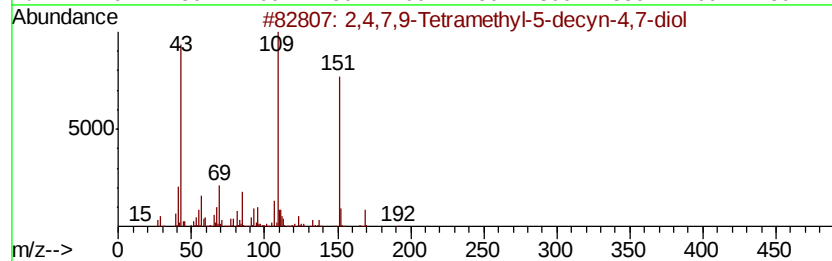
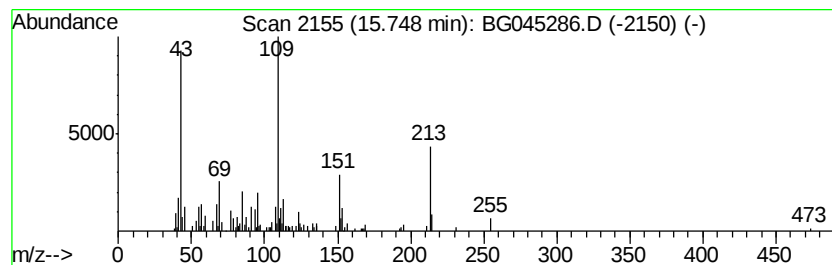
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 unknown15.75 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	2.55 ng	119645	Acenaphthene-d10	14.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	47
2		Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	38
3		3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	38
4		m-Isopropoxyvaniline	151	C9H13NO	041406-00-2	38
5		4-Pyridinemethanol, acetate (ester)	151	C8H9NO2	001007-48-3	35



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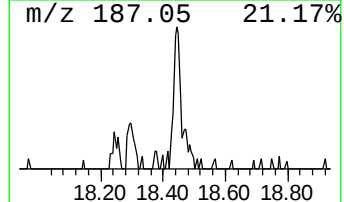
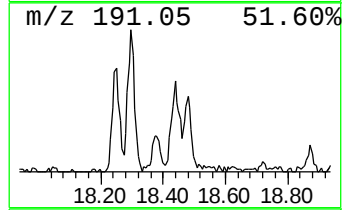
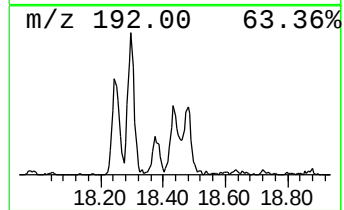
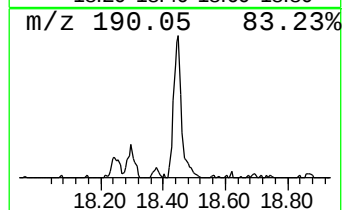
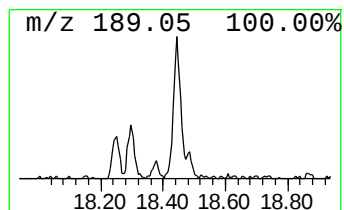
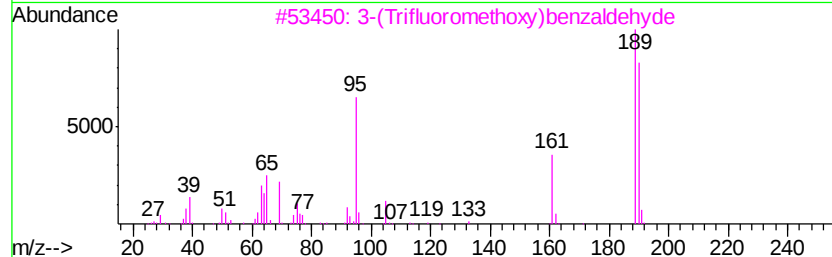
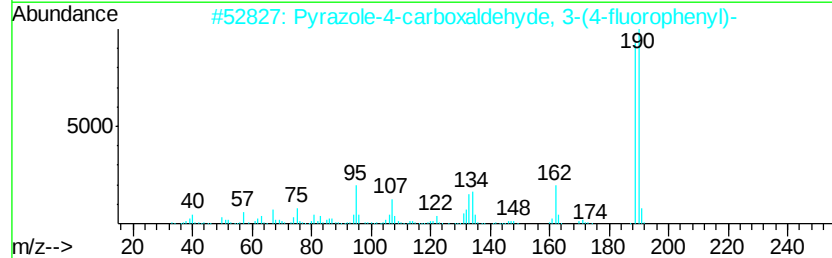
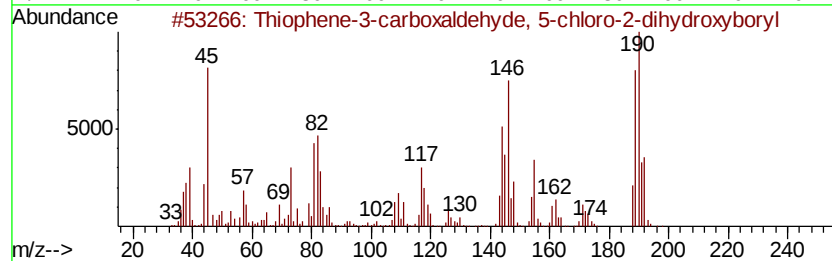
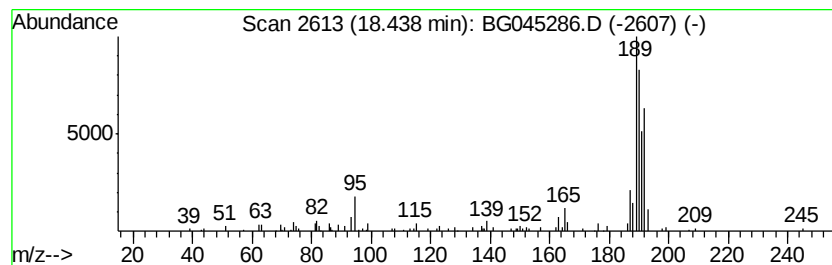
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Peak Number 5 Thiophene-3-carboxaldehyde,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	2.06 ng	117211	Phenanthrene-d10	17.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
2		Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50
3		3-(Trifluoromethoxy)benzaldehyde	190	C8H5F3O2	052771-21-8	49
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40



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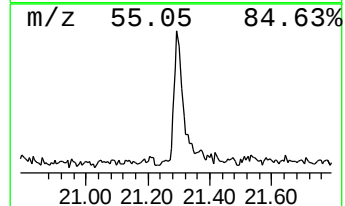
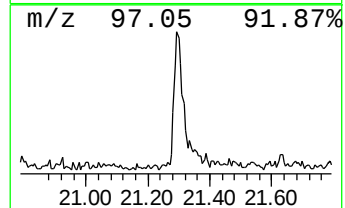
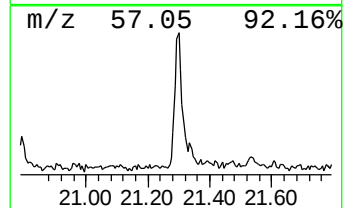
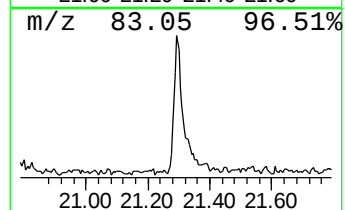
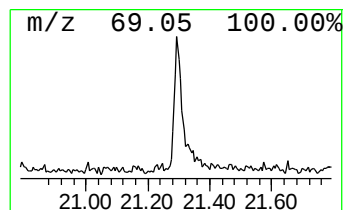
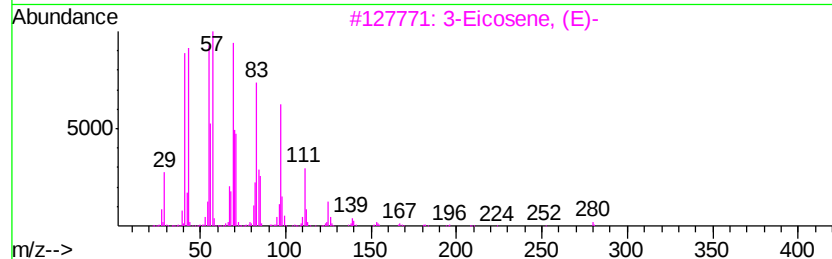
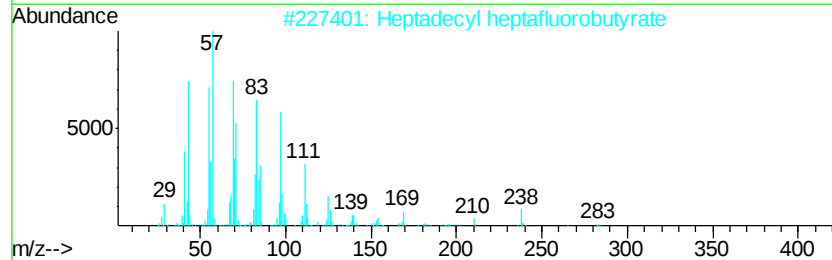
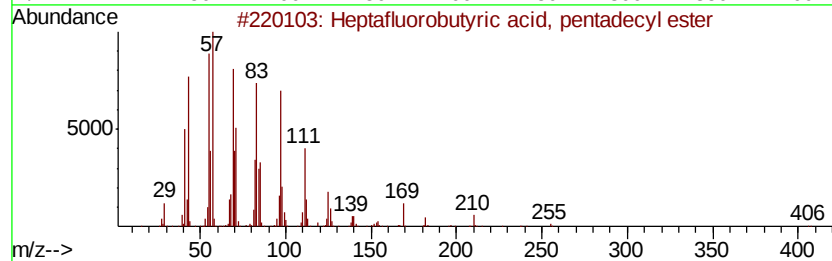
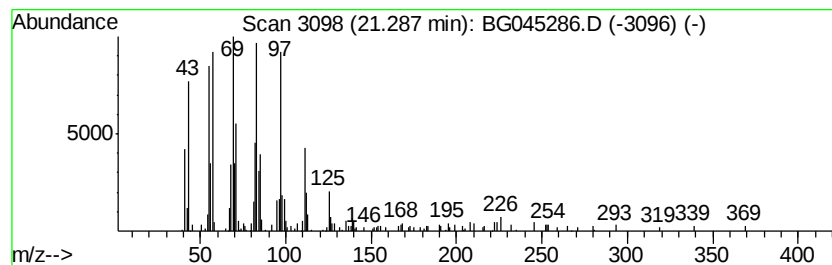
Instrument :
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptafluorobutyric acid, pe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.29	3.30 ng	265010	Chrysene-d12	21.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	89
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
5		9-Eicosene, (E)-	280	C20H40	074685-29-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
Data File : BG045286.D
Acq On : 8 May 2020 1:59
Operator : CG/JU
Sample : L2530-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RO-14

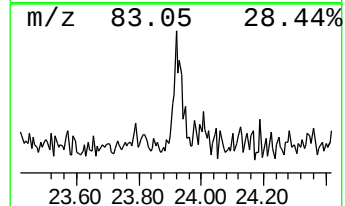
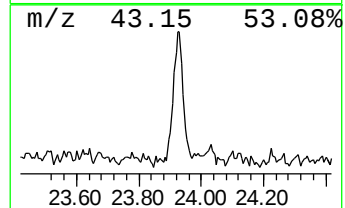
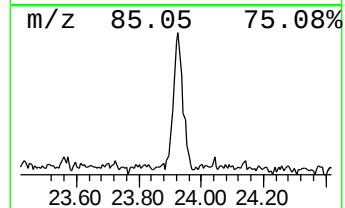
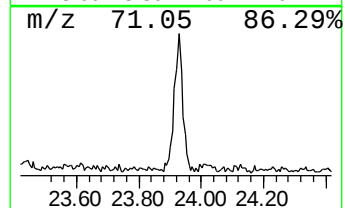
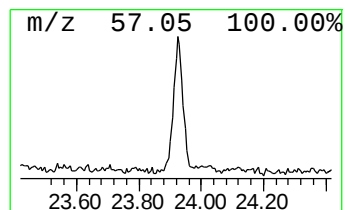
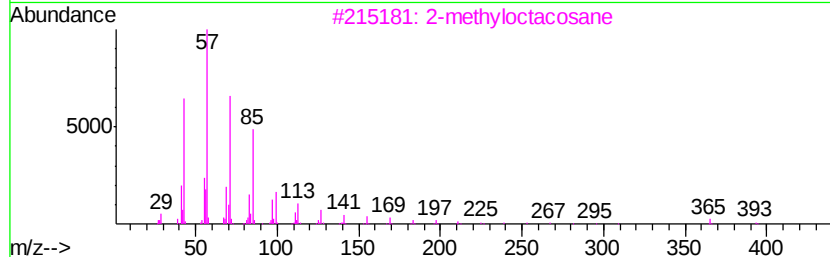
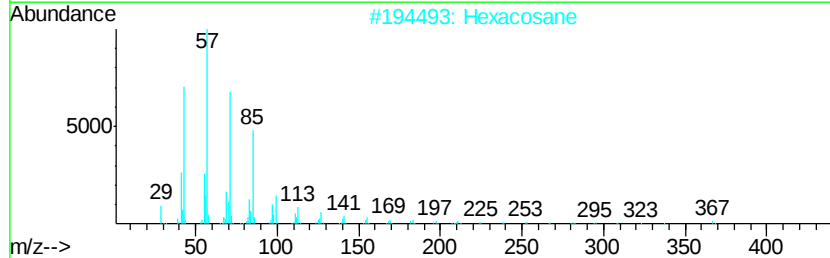
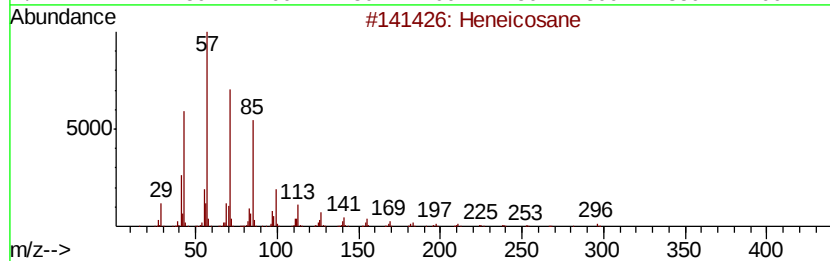
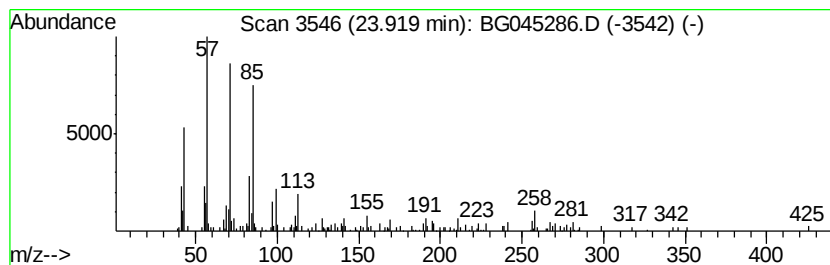
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	2.03 ng	132434	Perylene-d12	24.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	87
2	Hexacosane		366	C26H54	000630-01-3	87
3	2-methyloctacosane		408	C29H60	1000376-72-8	83
4	Hexadecane		226	C16H34	000544-76-3	81
5	Heptadecane		240	C17H36	000629-78-7	80



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Operator : CG/JU
Sample : L2530-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RO-14

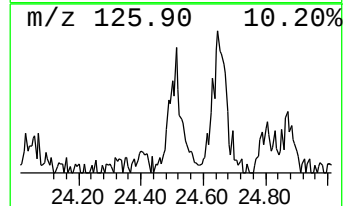
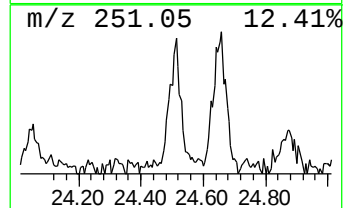
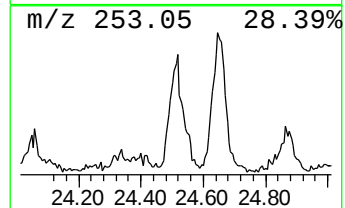
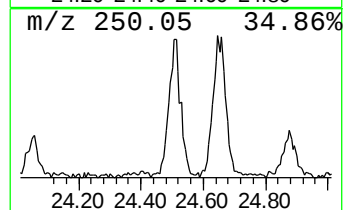
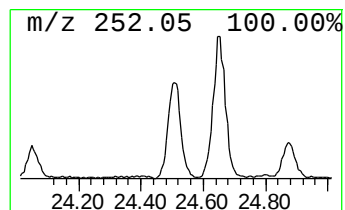
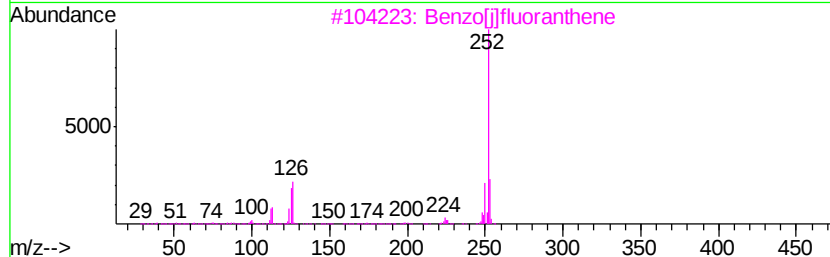
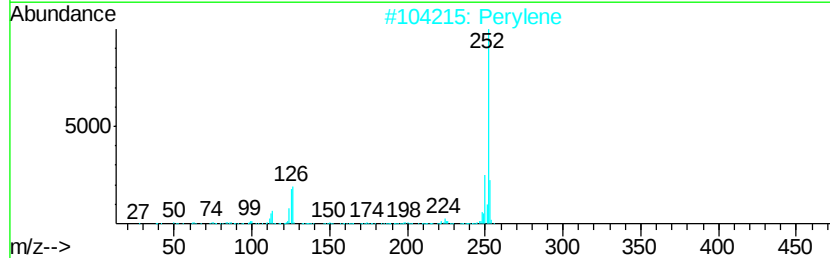
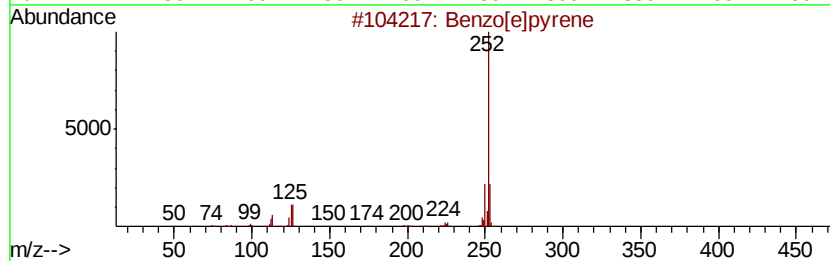
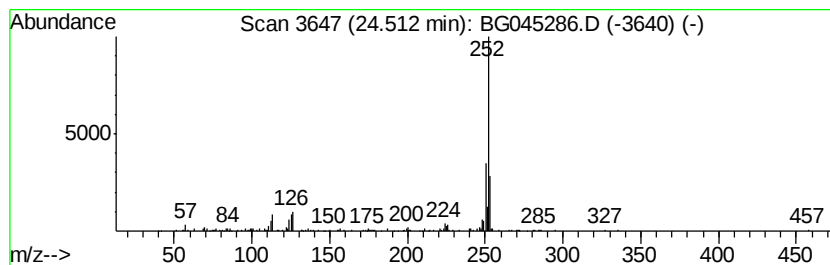
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.51	3.28 ng	213627	Perylene-d12	24.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	91
2		Perylene	252	C20H12	000198-55-0	89
3		Benzo[il]fluoranthene	252	C20H12	000205-82-3	89
4		Benzo[a]pyrene	252	C20H12	000050-32-8	89
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	81



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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RO-14

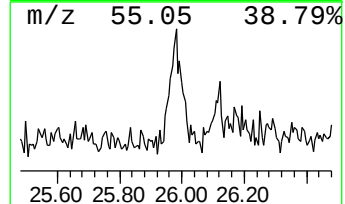
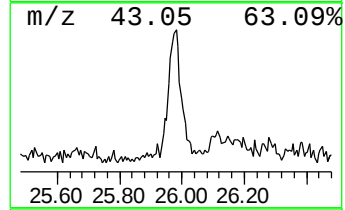
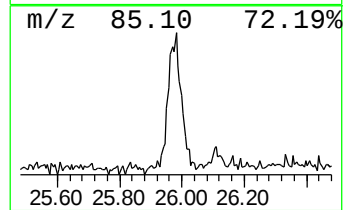
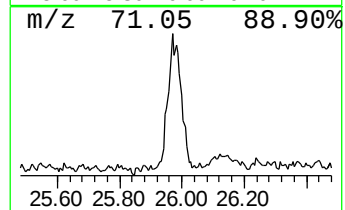
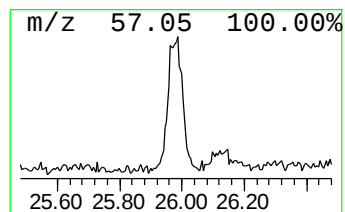
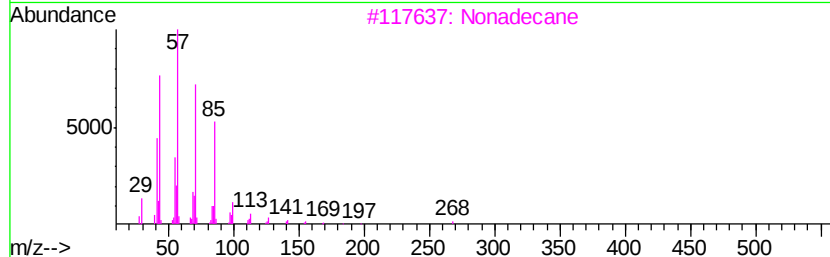
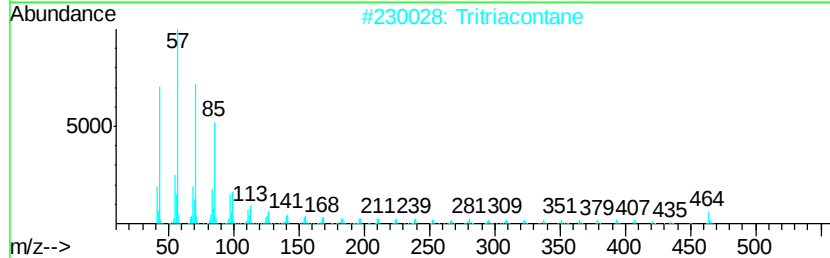
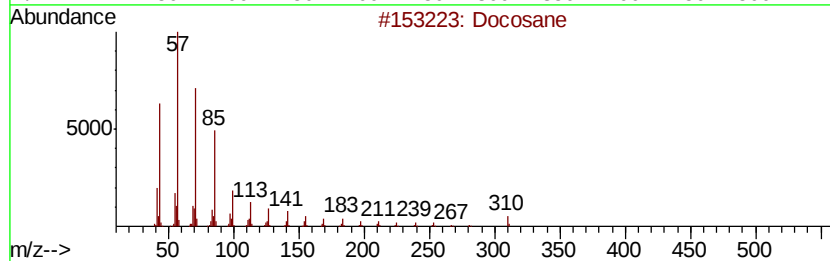
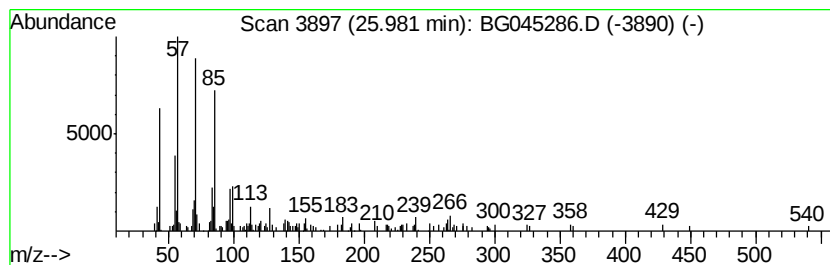
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Docosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.98	2.27 ng	147616	Perylene-d12	24.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	72
2		Tritriacontane	465	C33H68	000630-05-7	72
3		Nonadecane	268	C19H40	000629-92-5	70
4		Tetracosane	338	C24H50	000646-31-1	64
5		6,6-Diethylhexadecane	282	C20H42	1000360-41-4	64



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BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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...	3.15	6.3	ng	135934	1	7.98	432006	20.0
2,4,7,9-Tetrameth...	13.52	6.2	ng	287978	3	14.62	936922	20.0
unknown15.75	15.75	2.5	ng	119645	3	14.62	936922	20.0
Thiophene-3-carbo...	18.44	2.1	ng	117211	4	17.37	1138970	20.0
Heptafluorobutyri...	21.29	3.3	ng	265010	5	21.63	1607520	20.0
Heneicosane	23.92	2.0	ng	132434	6	24.81	1301910	20.0
Benzo[e]pyrene	24.51	3.3	ng	213627	6	24.81	1301910	20.0
Docosane	25.98	2.3	ng	147616	6	24.81	1301910	20.0