

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091620\
 Data File : BG046647.D
 Acq On : 16 Sep 2020 19:21
 Operator : CG/JU
 Sample : L4021-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B14-5-7

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-BG082520.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	3.123	3	6	20	rVB	57193	87478	2.45%	0.468%
2	4.651	260	266	278	rVB	244187	380832	10.68%	2.039%
3	5.039	327	332	343	rBV	41034	64166	1.80%	0.344%
4	5.509	405	412	433	rBV	707088	1132977	31.78%	6.067%
5	7.095	674	682	701	rBV	716355	1340395	37.60%	7.178%
6	7.918	814	822	830	rBV	213401	368221	10.33%	1.972%
7	9.075	1010	1019	1032	rBV	492423	882176	24.74%	4.724%
8	10.720	1291	1299	1311	rBV	290995	545629	15.30%	2.922%
9	13.170	1709	1716	1731	rBV	1432123	2300517	64.53%	12.319%
10	14.005	1852	1858	1869	rBV	121947	196371	5.51%	1.052%
11	14.551	1943	1951	1959	rBV	516019	810325	22.73%	4.339%
12	15.291	2071	2077	2084	rBV	129164	182005	5.11%	0.975%
13	16.037	2198	2204	2222	rBV	905538	1434961	40.25%	7.684%
14	17.295	2411	2418	2423	rBV	645636	1002656	28.12%	5.369%
15	17.336	2423	2425	2433	rVB	88270	110648	3.10%	0.593%
16	18.364	2595	2600	2604	rBV2	20710	37518	1.05%	0.201%
17	19.345	2762	2767	2775	rBV	195315	272281	7.64%	1.458%
18	19.710	2819	2829	2837	rBV	169364	305794	8.58%	1.638%
19	19.909	2857	2863	2875	rVB	2654927	3565107	100.00%	19.091%
20	20.197	2909	2912	2919	rVB2	32998	61011	1.71%	0.327%
21	21.202	3079	3083	3093	rBV3	235924	380045	10.66%	2.035%
22	21.543	3133	3141	3146	rBV	700840	1288727	36.15%	6.901%
23	21.584	3146	3148	3157	rVB	90761	135400	3.80%	0.725%
24	22.688	3332	3336	3343	rVB3	36413	59906	1.68%	0.321%
25	22.965	3379	3383	3387	rBV3	34962	61612	1.73%	0.330%
26	23.176	3415	3419	3428	rVB2	44776	95384	2.68%	0.511%
27	23.658	3495	3501	3507	rBV2	66169	185924	5.22%	0.996%
28	24.351	3614	3619	3631	rVB2	44308	119635	3.36%	0.641%
29	24.486	3637	3642	3649	rVB2	47599	110431	3.10%	0.591%
30	24.639	3659	3668	3686	rVB2	409692	1155929	32.42%	6.190%

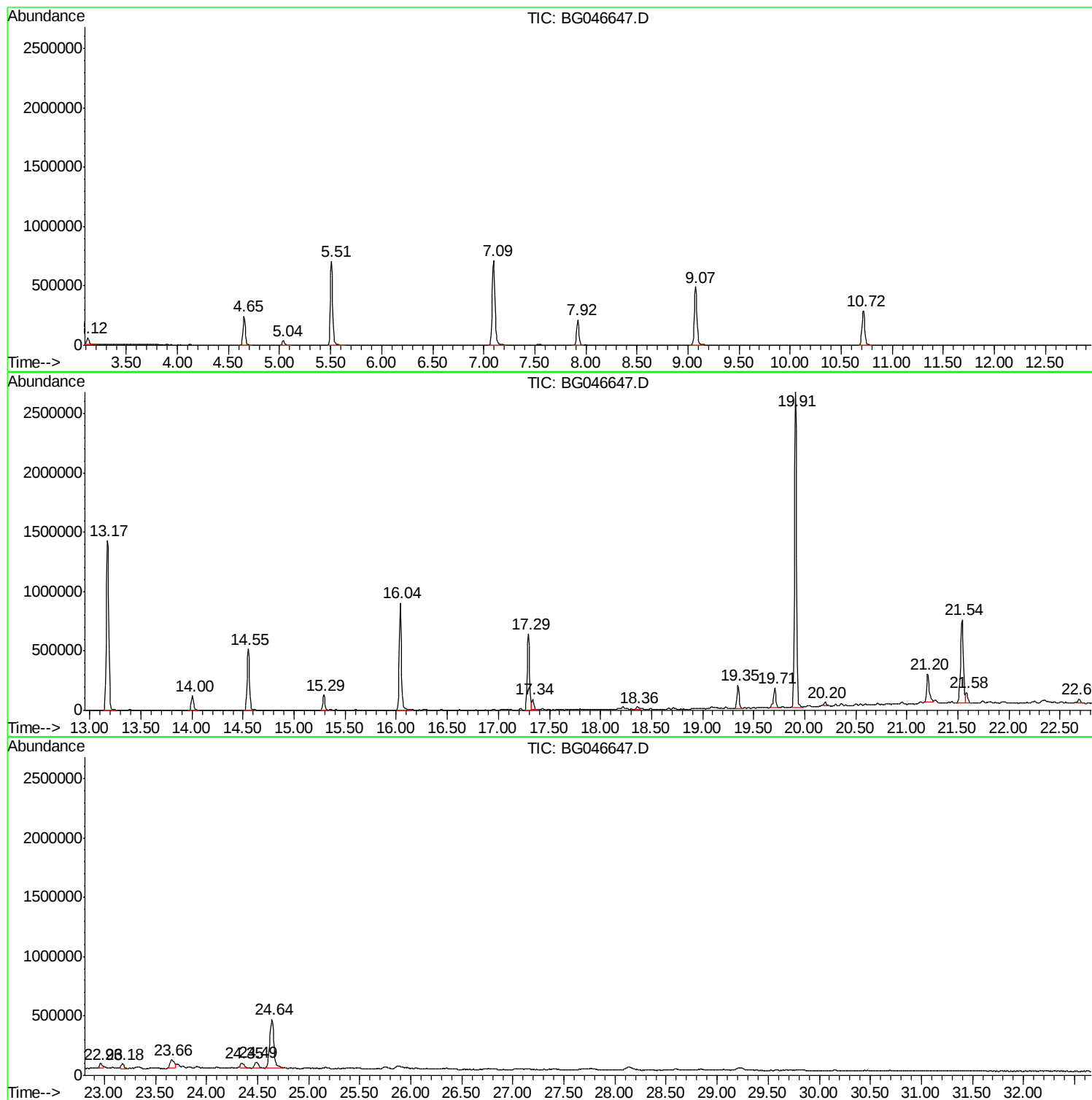
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B14-5-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.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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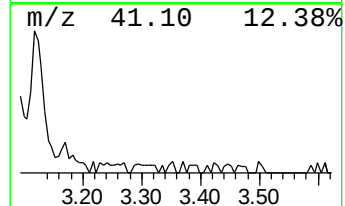
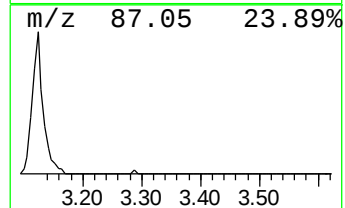
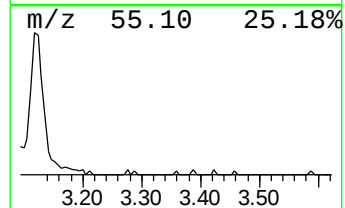
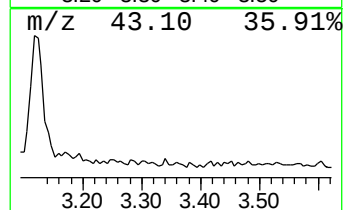
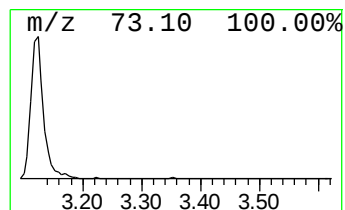
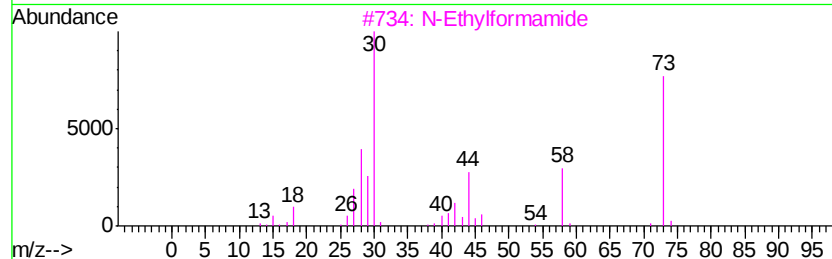
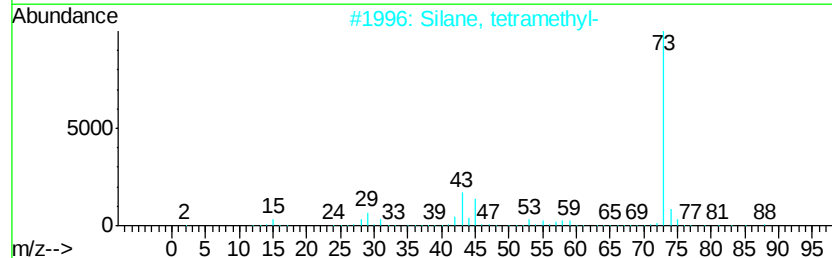
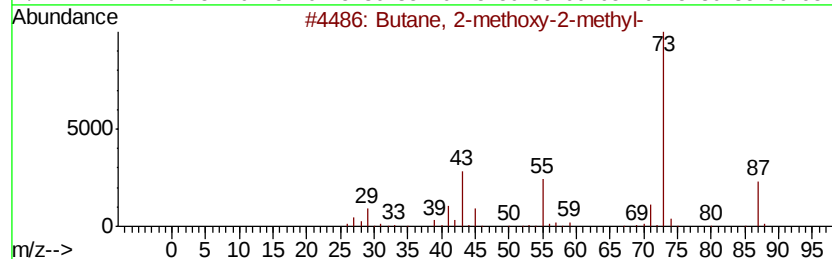
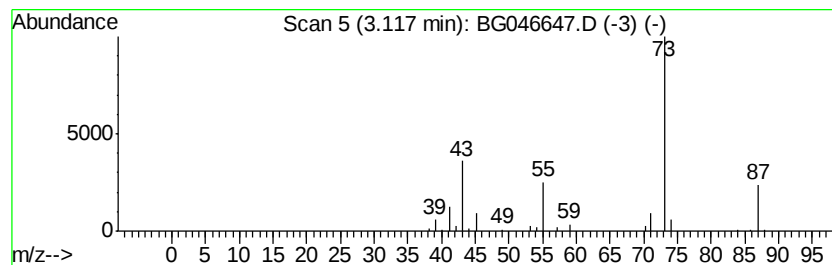
Instrument :
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ClientSampleId :
B14-5-7

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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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.12	4.75 ng	87478	1,4-Dichlorobenzene-d4	7.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9
5	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9



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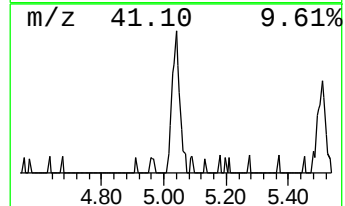
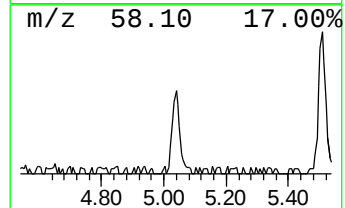
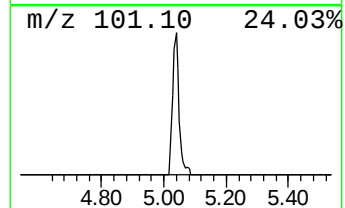
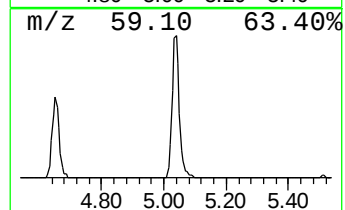
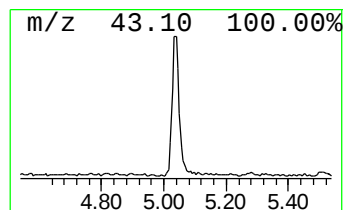
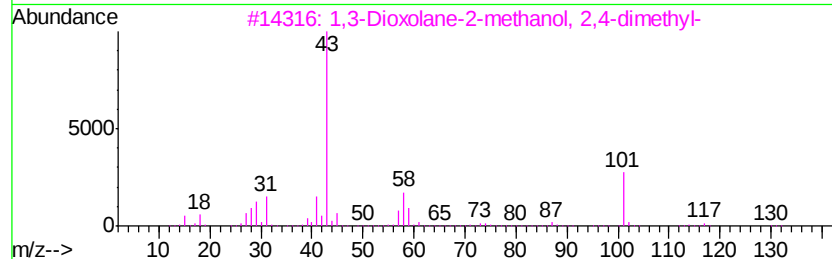
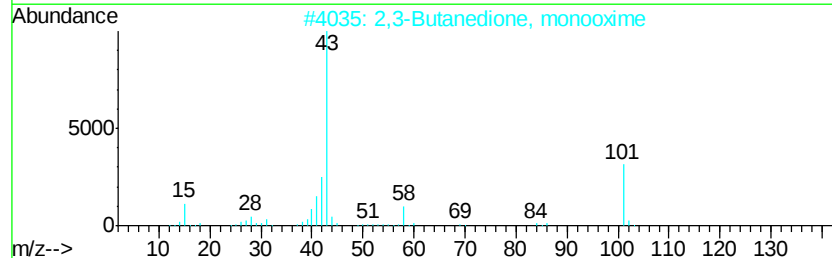
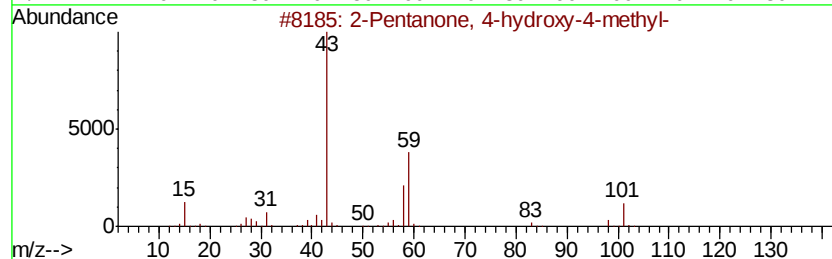
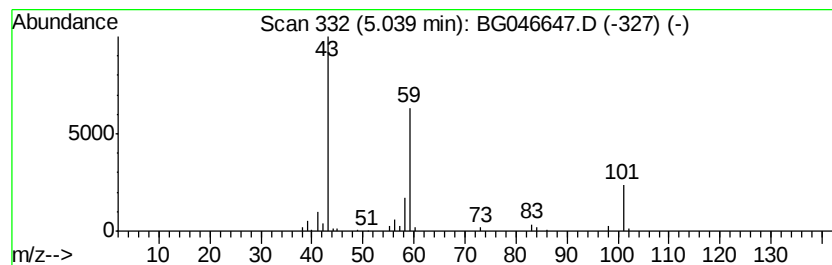
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	3.49 ng	64166	1,4-Dichlorobenzene-d4	7.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3		1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
4		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17
5		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	12



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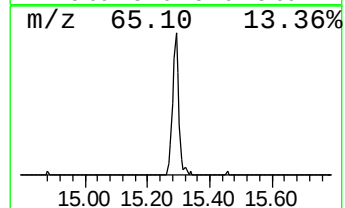
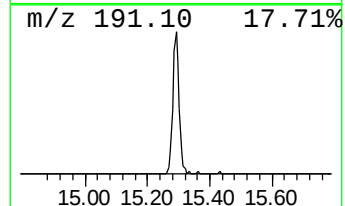
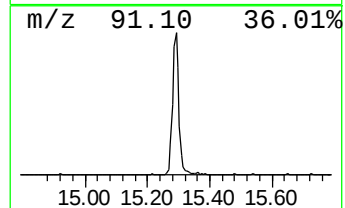
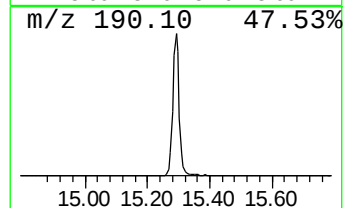
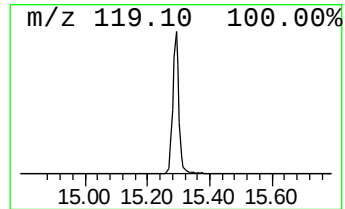
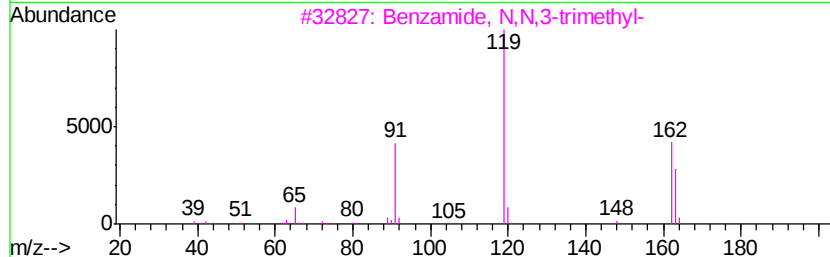
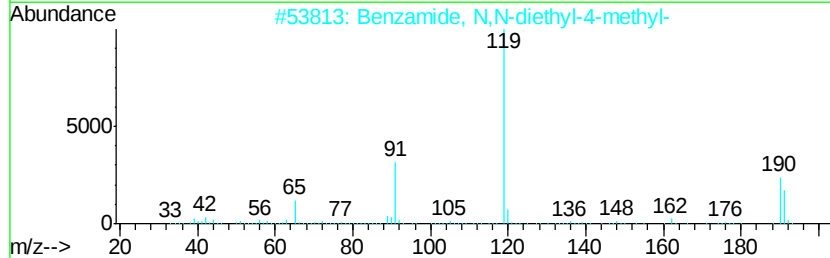
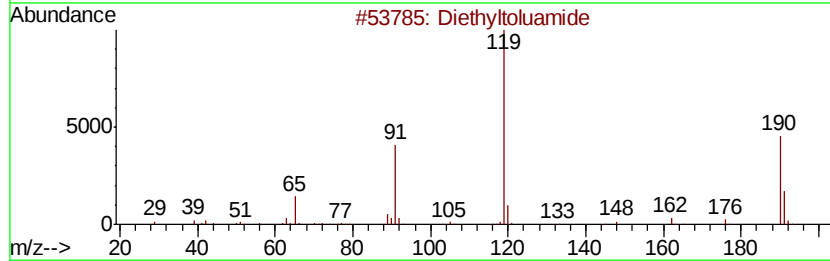
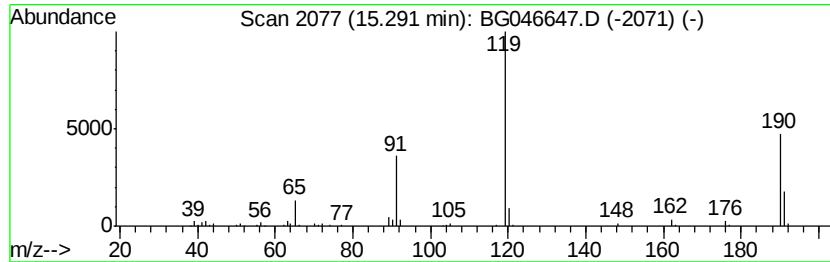
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Diethyltoluamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	4.49 ng	182005	Acenaphthene-d10	14.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2		Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	93
3		Benzamide, N,N,3-trimethyl-	163	C10H13NO	006935-65-5	50
4		N-Isopropyl-p-toluamide	177	C11H15NO	002144-17-4	50
5		2,5-Pyrrolidinedione, 1-[(4-meth...	233	C12H11N04	083039-57-0	47



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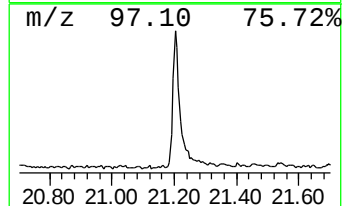
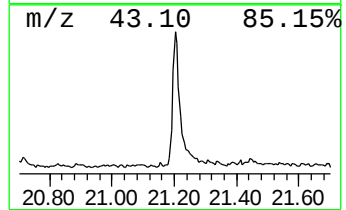
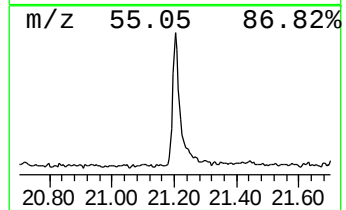
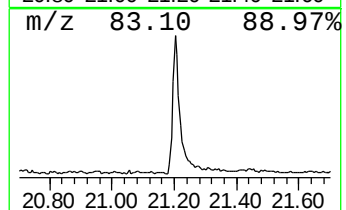
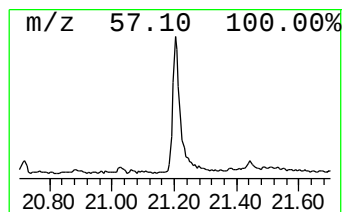
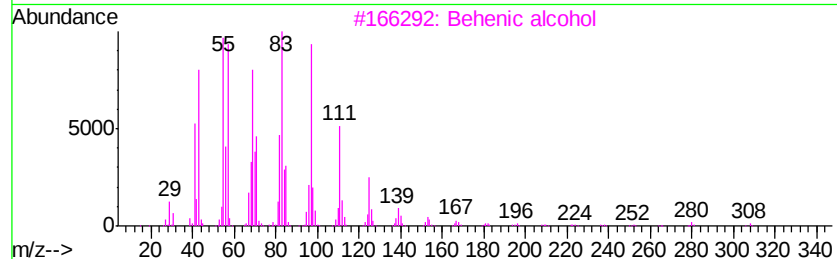
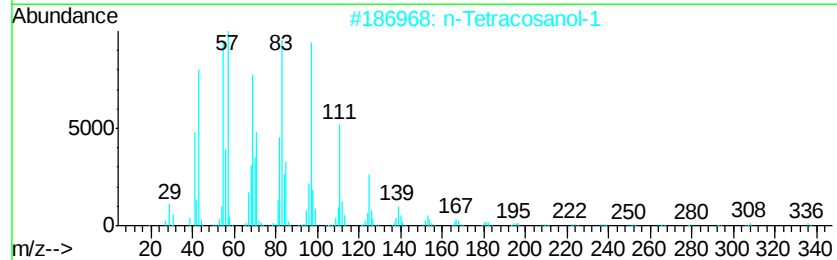
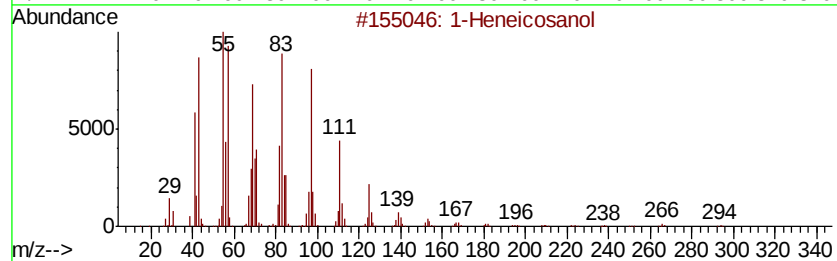
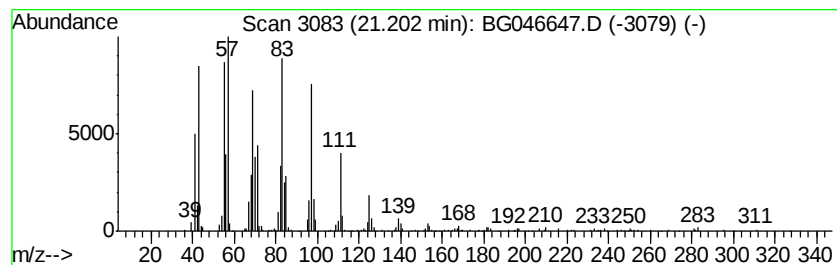
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 Peak Number 5 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.20	5.90 ng	380045	Chrysene-d12	21.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol		312	C21H44O	015594-90-8	94
2	n-Tetracosanol-1		354	C24H50O	000506-51-4	94
3	Behenic alcohol		326	C22H46O	000661-19-8	94
4	Cyclopentadecane		210	C15H30	000295-48-7	93
5	Octacosanol		410	C28H58O	000557-61-9	91



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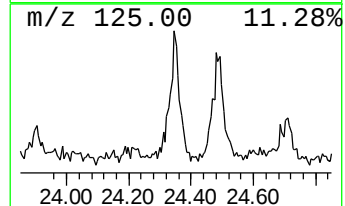
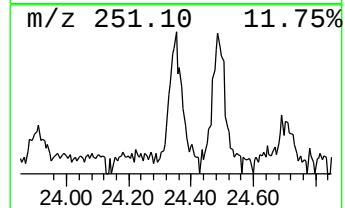
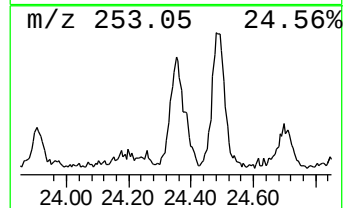
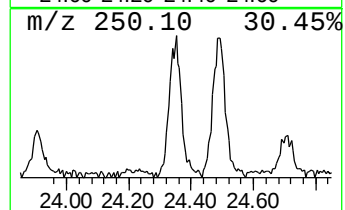
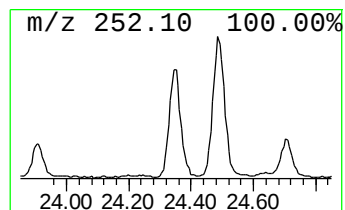
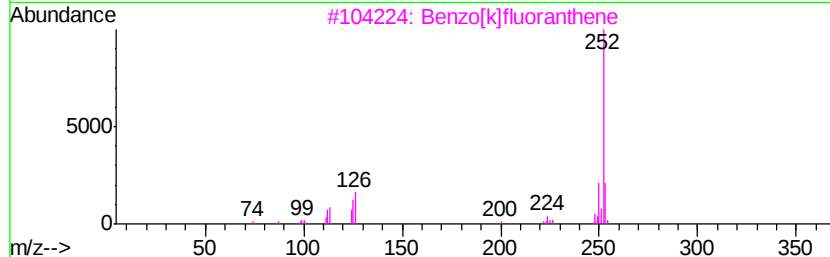
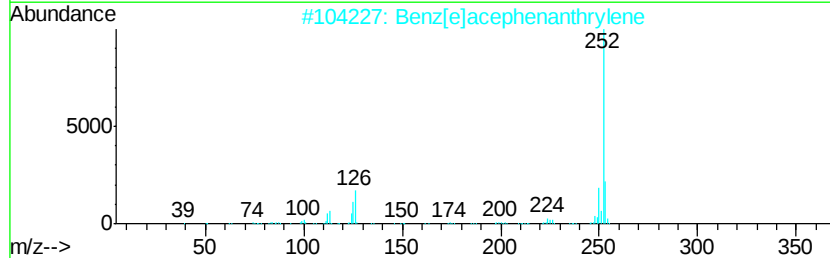
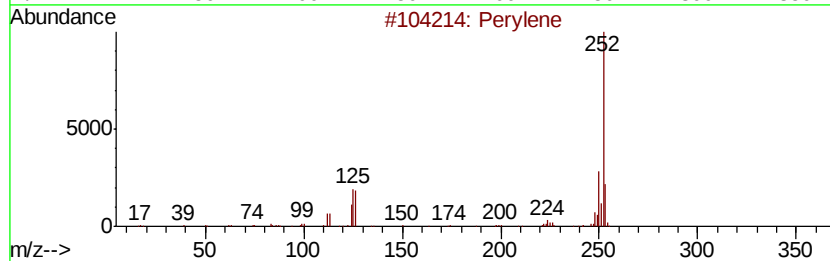
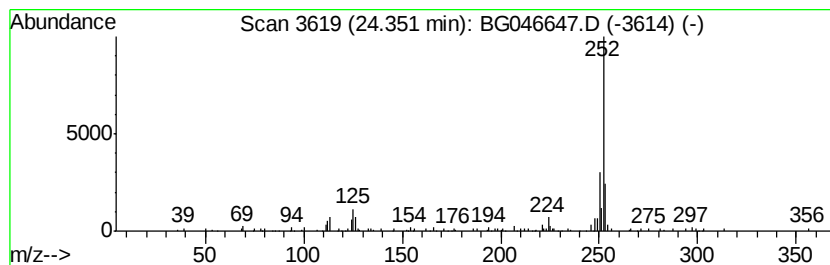
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Peak Number 6 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.35	2.07 ng	119635	Perylene-d12	24.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	90
2			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	86
4			Benzo[i]fluoranthene	252	C20H12	000205-82-3	81
5			Benzo[e]pyrene	252	C20H12	000192-97-2	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.12	4.8	ng	87478	1	7.92	368221	20.0
2-Pentanone, 4-hy...	5.04	3.5	ng	64166	1	7.92	368221	20.0
Diethyltoluamide	15.29	4.5	ng	182005	3	14.55	810325	20.0
1-Heneicosanol	21.20	5.9	ng	380045	5	21.54	1288730	20.0
Perylene	24.35	2.1	ng	119635	6	24.64	1155930	20.0