

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044819.D
 Acq On : 16 Mar 2020 18:58
 Operator : CG/JU
 Sample : L1912-25
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z1-5

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-BG031020.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	3.152	5	11	21	rBV2	93352	220368	4.80%	0.696%
2	3.234	21	25	32	rVB2	43626	71575	1.56%	0.226%
3	5.620	423	431	441	rBV	1335191	2213330	48.24%	6.993%
4	7.206	692	701	710	rBV	1334534	2400721	52.32%	7.585%
5	8.046	837	844	852	rVB	346704	619970	13.51%	1.959%
6	8.375	892	900	909	rBV	1003014	1778831	38.77%	5.620%
7	9.204	1032	1041	1052	rBV	845766	1549996	33.78%	4.897%
8	10.855	1314	1322	1330	rBV	449588	867554	18.91%	2.741%
9	13.305	1731	1739	1747	rBV	2030042	3235596	70.51%	10.223%
10	14.128	1873	1879	1886	rBV	213809	320273	6.98%	1.012%
11	14.680	1966	1973	1981	rBV	742996	1211169	26.40%	3.827%
12	16.166	2219	2226	2236	rBV	1769439	2819047	61.44%	8.906%
13	17.424	2434	2440	2446	rBV	963218	1526109	33.26%	4.822%
14	18.323	2585	2593	2596	rBV5	51692	97258	2.12%	0.307%
15	18.499	2616	2623	2626	rBV6	24143	57338	1.25%	0.181%
16	18.799	2661	2674	2678	rBV3	43898	112433	2.45%	0.355%
17	19.045	2709	2716	2722	rBV6	44618	71520	1.56%	0.226%
18	19.304	2757	2760	2764	rVB2	41665	55957	1.22%	0.177%
19	19.474	2784	2789	2794	rBV	320763	442211	9.64%	1.397%
20	19.533	2796	2799	2804	rVB2	48978	67042	1.46%	0.212%
21	19.803	2840	2845	2846	rBV	61693	79303	1.73%	0.251%
22	19.833	2846	2850	2859	rVV	272596	436799	9.52%	1.380%
23	19.915	2859	2864	2870	rVB3	53346	90514	1.97%	0.286%
24	20.038	2875	2885	2895	rBV	3269052	4588522	100.00%	14.497%
25	20.256	2917	2922	2926	rBV	270607	342399	7.46%	1.082%
26	20.326	2931	2934	2938	rVB2	42110	60788	1.32%	0.192%
27	20.479	2955	2960	2966	rVB5	50810	100663	2.19%	0.318%
28	20.626	2982	2985	2989	rVV3	33047	48609	1.06%	0.154%
29	20.667	2989	2992	2996	rVV6	28730	47611	1.04%	0.150%
30	20.737	3000	3004	3008	rVV2	76299	116500	2.54%	0.368%
31	20.784	3009	3012	3016	rVB4	42773	53164	1.16%	0.168%
32	21.084	3058	3063	3070	rBV2	61376	100730	2.20%	0.318%
33	21.272	3089	3095	3099	rVB2	35772	77037	1.68%	0.243%
34	21.360	3106	3110	3116	rBV3	167207	302421	6.59%	0.955%

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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 >
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35	21.413	3117	3119	3132	rVB4	64936	125297	2.73%	0.396%
36	21.695	3158	3167	3172	rBV2	977665	1955047	42.61%	6.177%
37	21.742	3172	3175	3184	rVB	165095	285991	6.23%	0.904%
38	22.535	3308	3310	3317	rVB3	45450	65537	1.43%	0.207%
39	23.240	3425	3430	3437	rBV3	66564	126908	2.77%	0.401%
40	23.893	3531	3541	3549	rBV2	121839	439128	9.57%	1.387%
41	24.051	3564	3568	3577	rVB2	74279	155876	3.40%	0.492%
42	24.609	3657	3663	3672	rVB2	64022	175895	3.83%	0.556%
43	24.750	3679	3687	3697	rVB2	93522	275055	5.99%	0.869%
44	24.909	3704	3714	3723	rBV2	546208	1544191	33.65%	4.879%
45	25.015	3726	3732	3743	rVB6	77557	228438	4.98%	0.722%
46	26.172	3922	3929	3935	rVB3	34844	90910	1.98%	0.287%

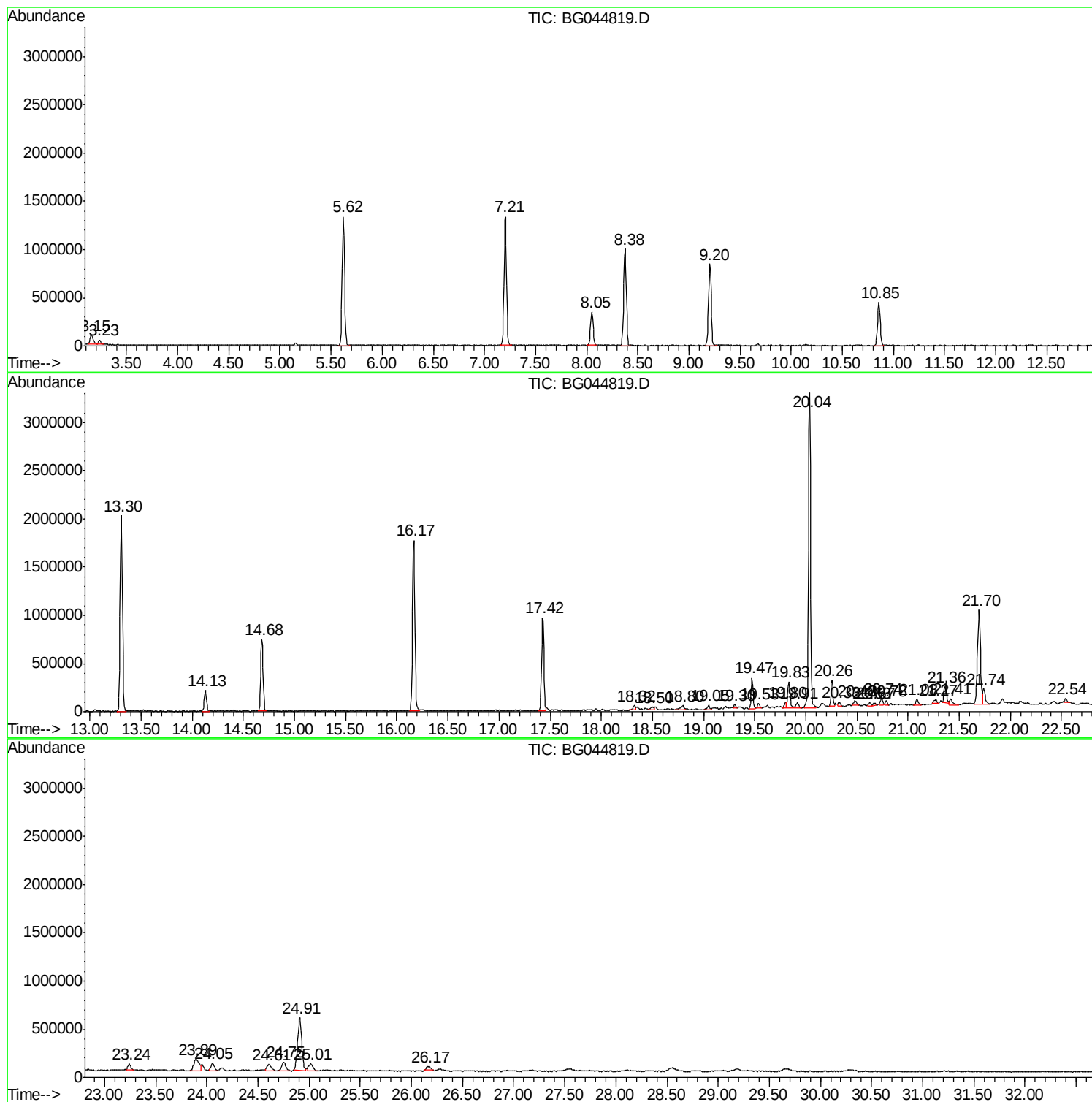
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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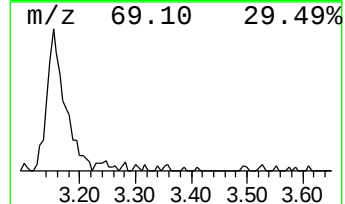
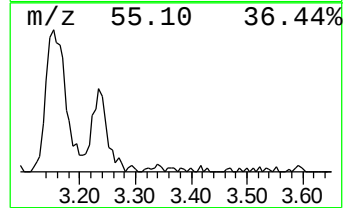
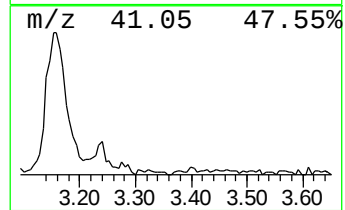
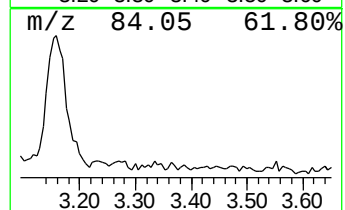
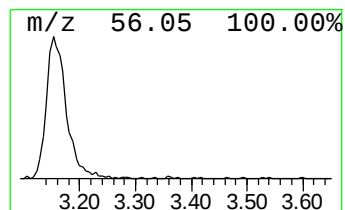
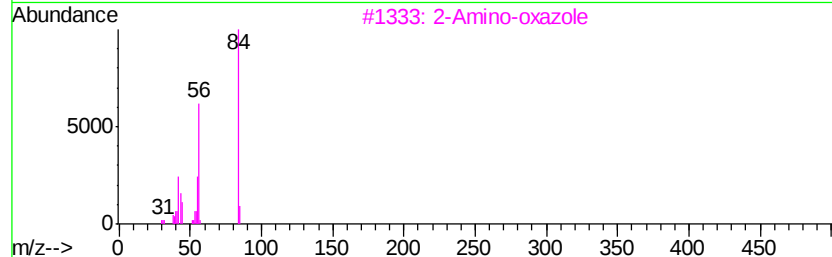
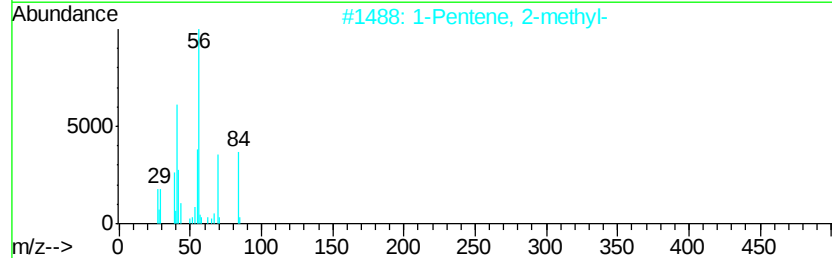
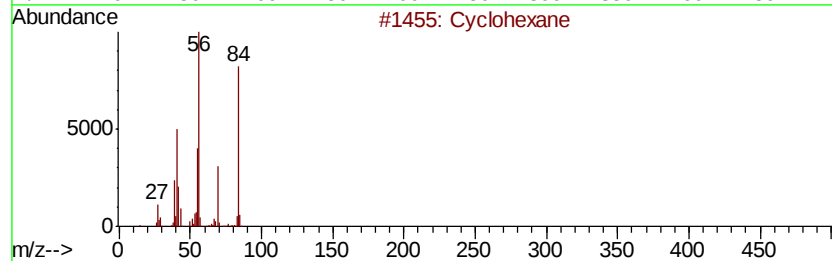
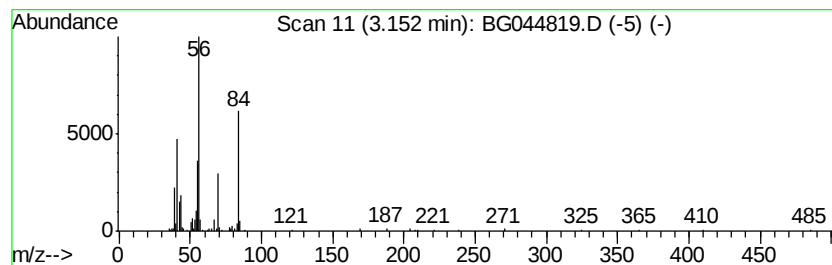
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	7.11 ng	220368	1,4-Dichlorobenzene-d4	8.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane	84	C6H12	000110-82-7	90
2			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
3			2-Amino-oxazole	84	C3H4N2O	004570-45-0	56
4			Cyclopentane, methyl-	84	C6H12	000096-37-7	47
5			Cyclobutane, ethyl-	84	C6H12	004806-61-5	47



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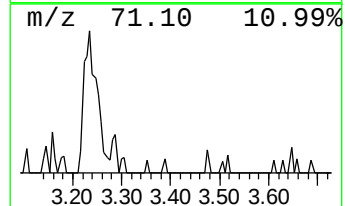
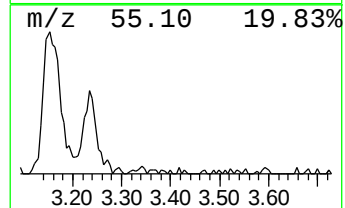
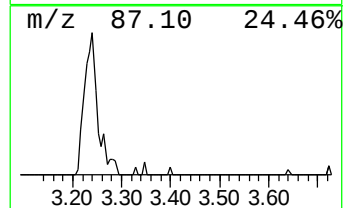
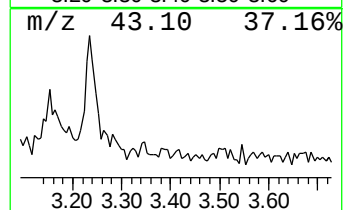
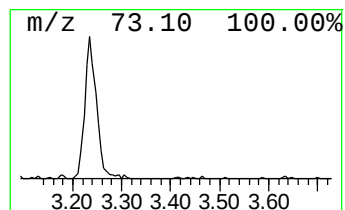
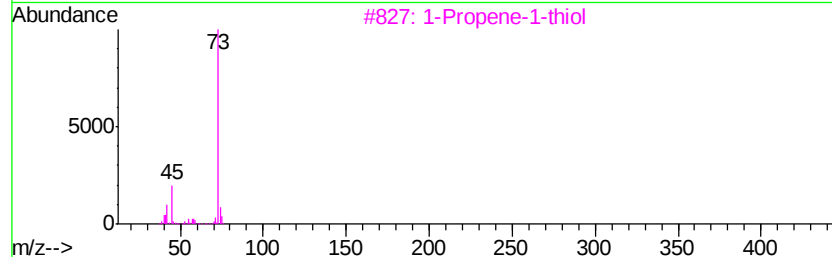
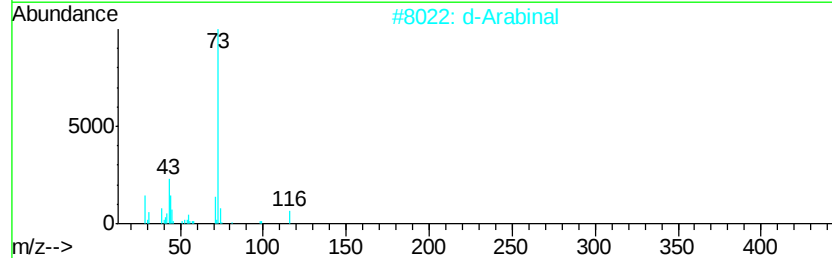
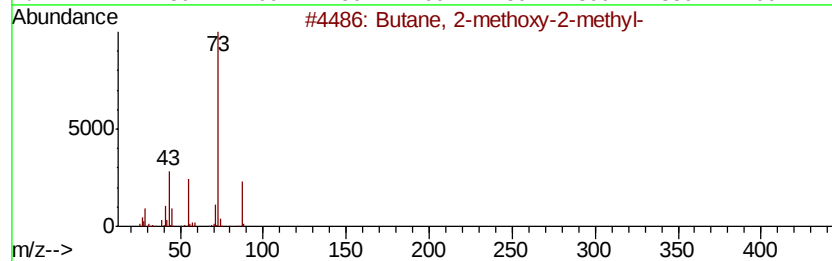
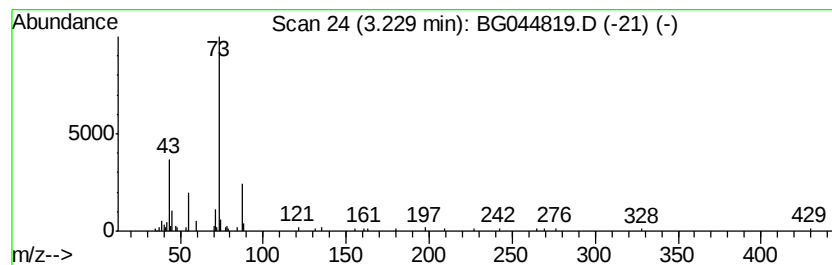
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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	2.31 ng	71575	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2		d-Arabinal	116	C5H8O3	000496-61-7	25
3		1-Propene-1-thiol	74	C3H6S	000925-89-3	9
4		3,4-Hexanediol, 2,5-dimethyl-	146	C8H18O2	022607-11-0	9
5		3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	9



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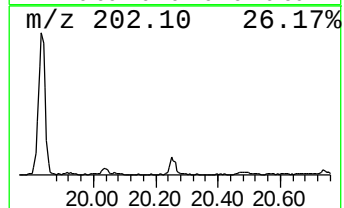
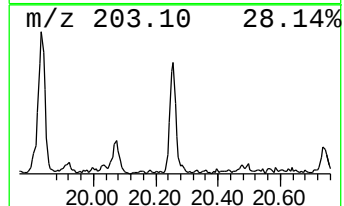
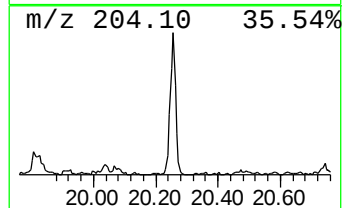
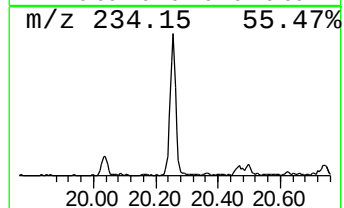
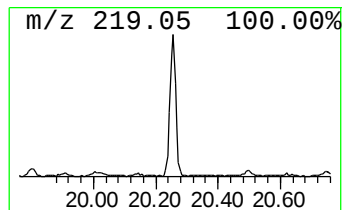
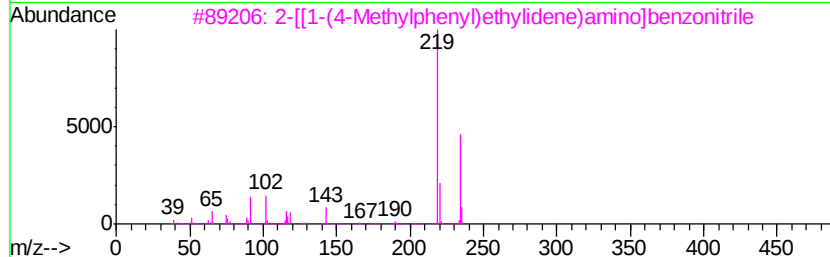
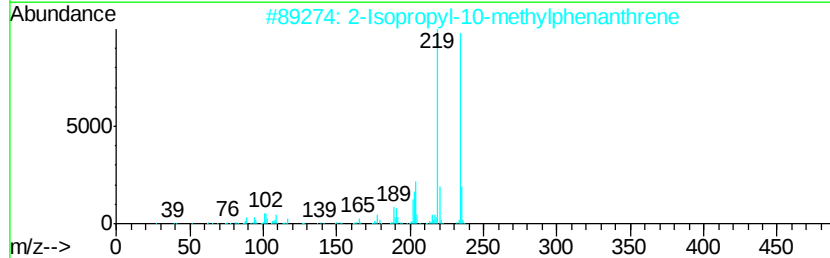
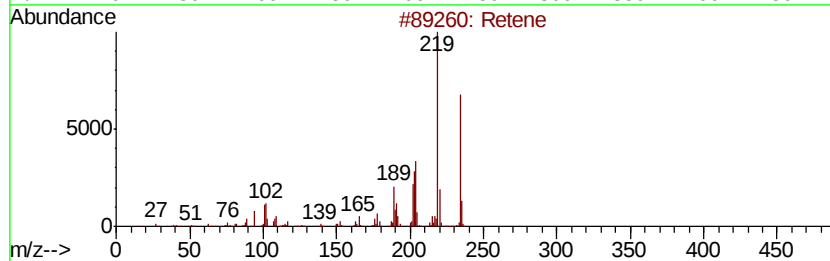
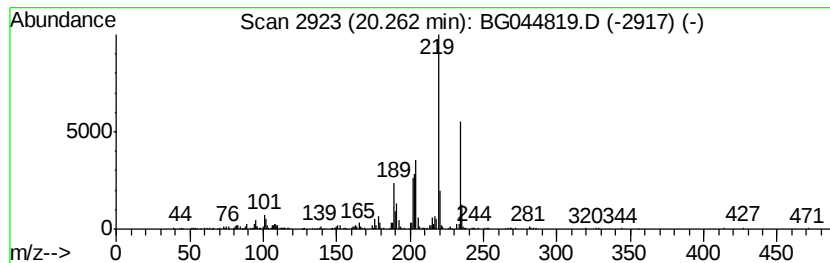
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 Retene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	3.50 ng	342399	Chrysene-d12	21.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Retene	234	C18H18	000483-65-8	98
2		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	94
3		2-[1-(4-Methylphenyl)ethylidene]...	234	C16H14N2	1000326-46-0	49
4		Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	49
5		Phenol, 2,6-bis(1,1-dimethylethyl...	234	C16H26O	004130-42-1	49



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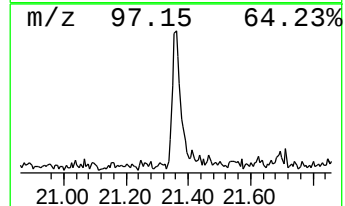
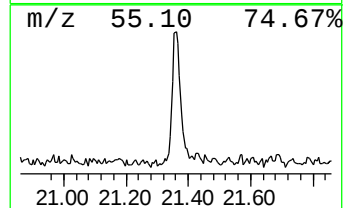
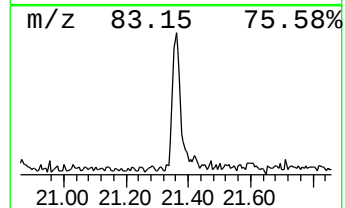
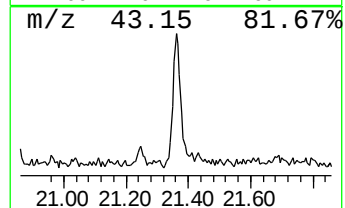
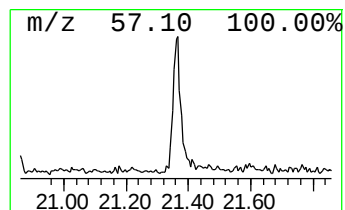
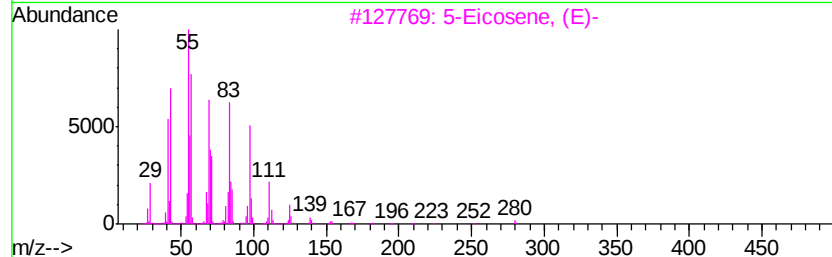
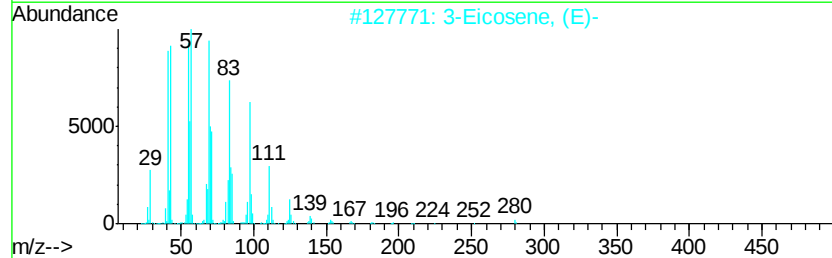
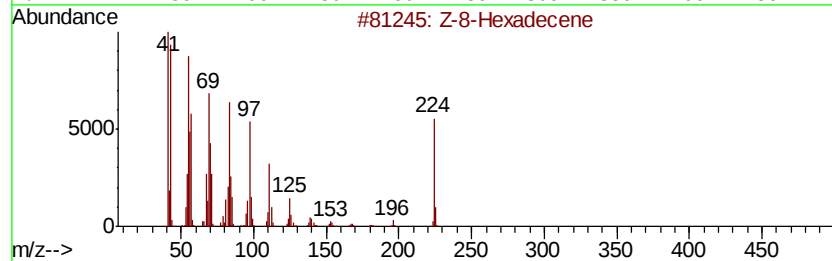
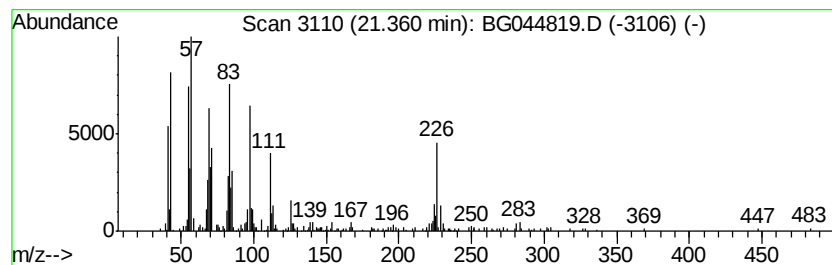
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Peak Number 5 Z-8-Hexadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	3.09 ng	302421	Chrysene-d12	21.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Z-8-Hexadecene	224	C16H32	1000130-87-5	89
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	86
3		5-Eicosene, (E)-	280	C20H40	074685-30-6	83
4		Cyclohexadecane	224	C16H32	000295-65-8	83
5		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	81



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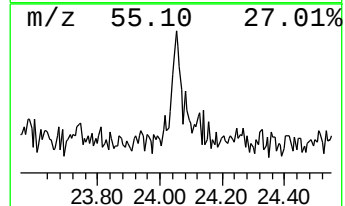
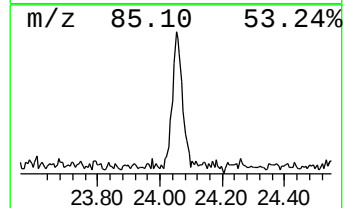
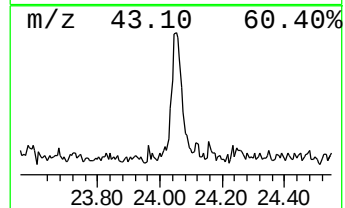
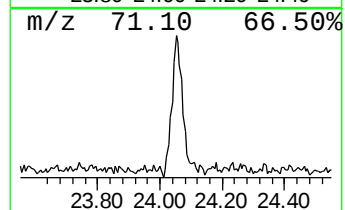
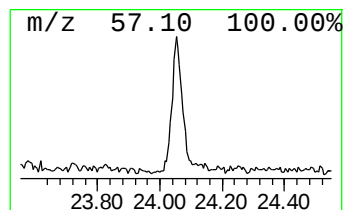
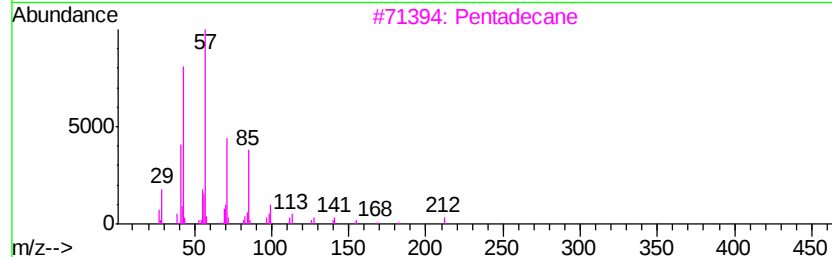
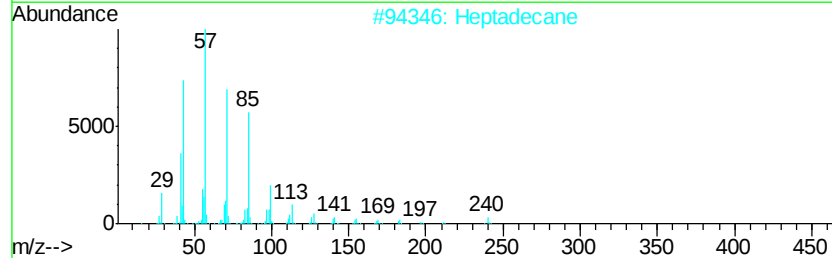
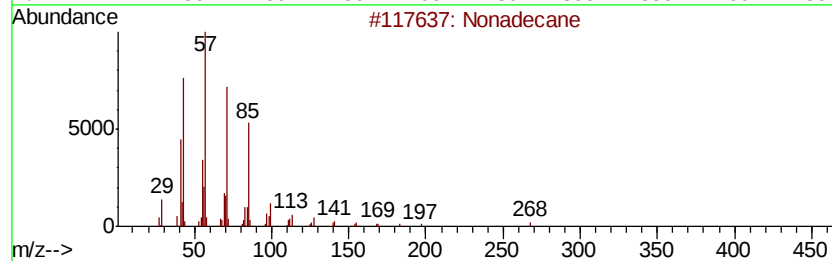
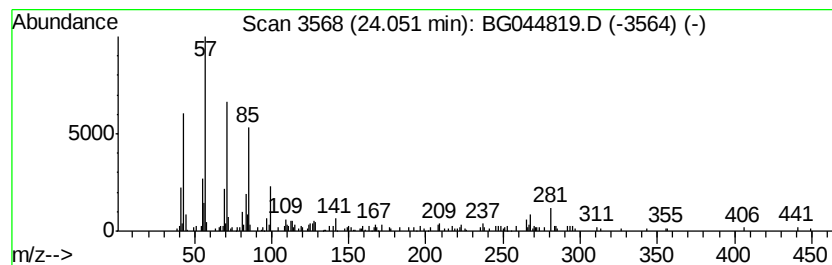
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	2.02 ng	155876	Perylene-d12	24.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	62
2	Heptadecane		240	C17H36	000629-78-7	59
3	Pentadecane		212	C15H32	000629-62-9	58
4	Hentriacontane		437	C31H64	000630-04-6	53
5	Hexadecane		226	C16H34	000544-76-3	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044819.D
Acq On : 16 Mar 2020 18:58
Operator : CG/JU
Sample : L1912-25
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
Z1-5

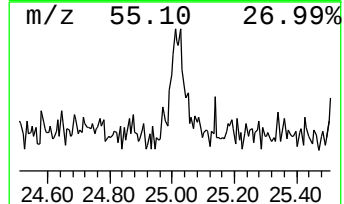
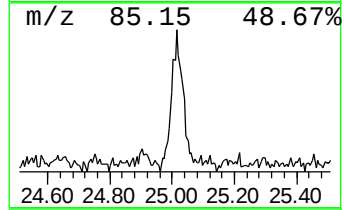
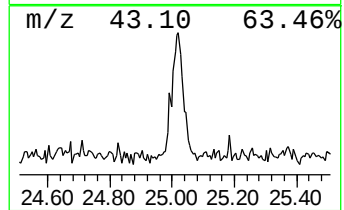
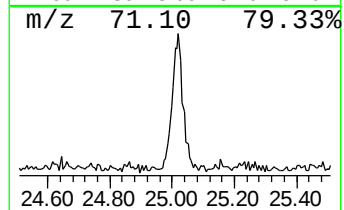
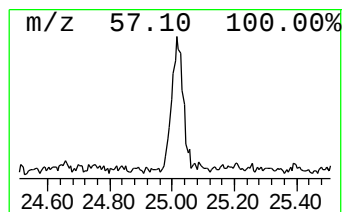
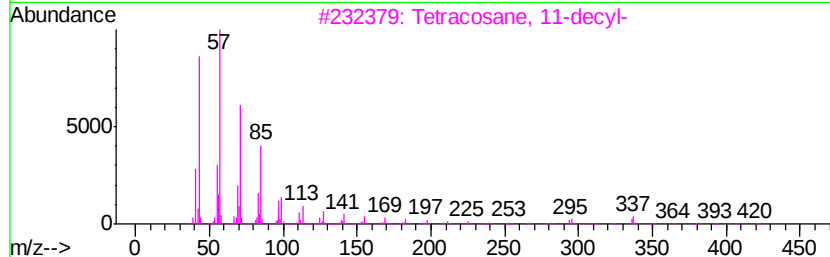
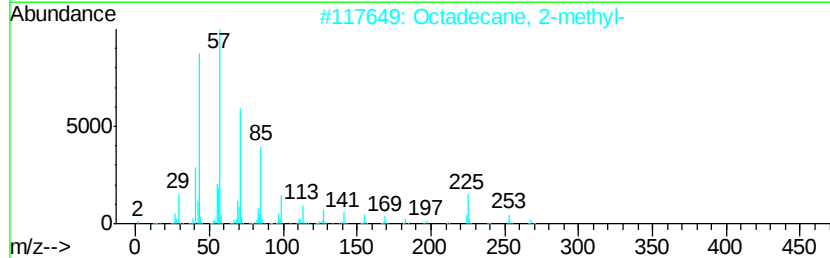
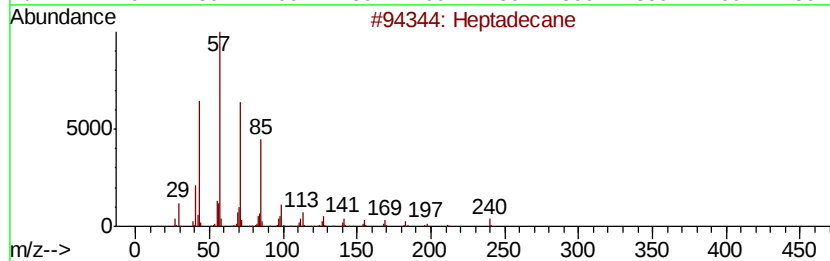
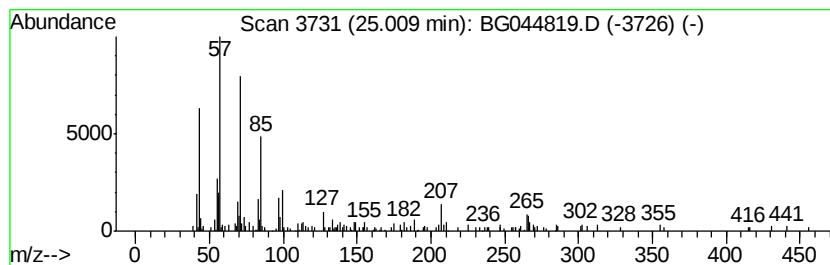
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.01	2.96 ng	228438	Perylene-d12	24.91

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	89
2	Octadecane, 2-methyl-		268	C19H40	001560-88-9	81
3	Tetracosane, 11-decyl-		479	C34H70	055429-84-0	80
4	Nonadecane		268	C19H40	000629-92-5	76
5	Docosane		310	C22H46	000629-97-0	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031620\
Data File : BG044819.D
Acq On : 16 Mar 2020 18:58
Operator : CG/JU
Sample : L1912-25
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
Z1-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.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
Cyclohexane	3.15	7.1 ng		220368	1	8.05	619970	20.0
Butane, 2-methoxy...	3.23	2.3 ng		71575	1	8.05	619970	20.0
Retene	20.26	3.5 ng		342399	5	21.70	1955050	20.0
Z-8-Hexadecene	21.36	3.1 ng		302421	5	21.70	1955050	20.0
Nonadecane	24.05	2.0 ng		155876	6	24.91	1544190	20.0
Heptadecane	25.01	3.0 ng		228438	6	24.91	1544190	20.0