

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
 Data File : BF140777.D
 Acq On : 06 Dec 2024 19:52
 Operator : RC/JU
 Sample : P5108-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ASPHALT-COMP

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_F\Methods\8270-BF112124.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140777.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	21	rVB	722645	1123905	69.40%	10.422%
2	2.252	21	27	37	rVB	22592	39788	2.46%	0.369%
3	5.093	504	510	527	rVB	101727	157467	9.72%	1.460%
4	5.504	575	580	600	rBV	826093	1194455	73.76%	11.077%
5	6.510	746	751	779	rBV	825210	1198332	74.00%	11.113%
6	6.869	807	812	821	rBV	302066	376034	23.22%	3.487%
7	7.434	902	908	919	rBV	572302	792056	48.91%	7.345%
8	8.145	1024	1029	1053	rBV	334726	480506	29.67%	4.456%
9	9.222	1206	1212	1221	rBV	1265584	1619431	100.00%	15.018%
10	9.904	1322	1328	1343	rVB	395819	535247	33.05%	4.964%
11	10.616	1445	1449	1458	rVB	38945	52156	3.22%	0.484%
12	10.698	1458	1463	1473	rBV	503280	715581	44.19%	6.636%
13	10.804	1477	1481	1490	rVB3	15279	30407	1.88%	0.282%
14	11.392	1576	1581	1590	rBV	324056	464527	28.68%	4.308%
15	12.980	1845	1851	1865	rBV	939725	1221834	75.45%	11.330%
16	14.051	2029	2033	2044	rVB	269428	358418	22.13%	3.324%
17	15.562	2285	2290	2296	rVB	213098	332620	20.54%	3.084%
18	16.692	2479	2482	2491	rVB2	49639	90845	5.61%	0.842%

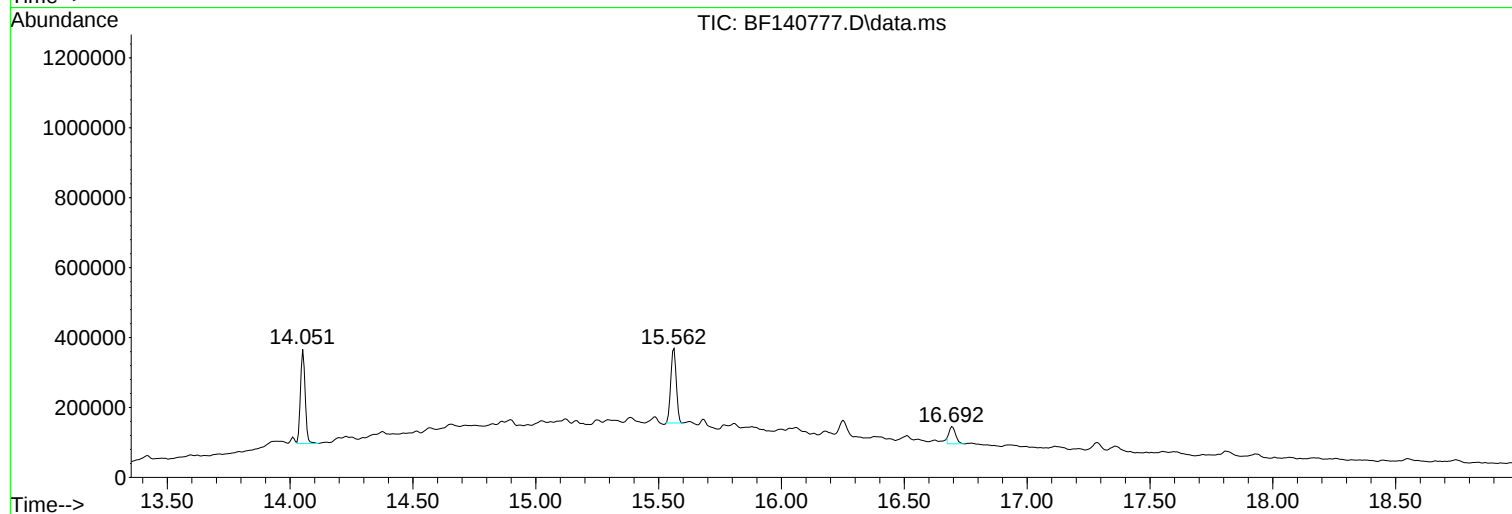
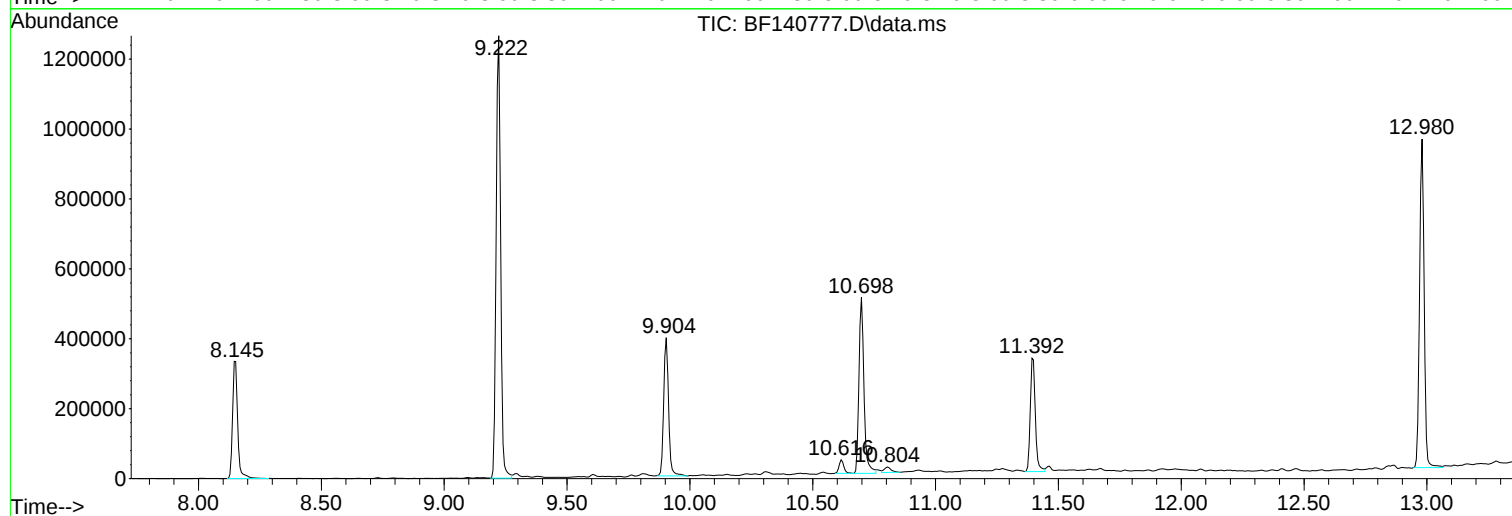
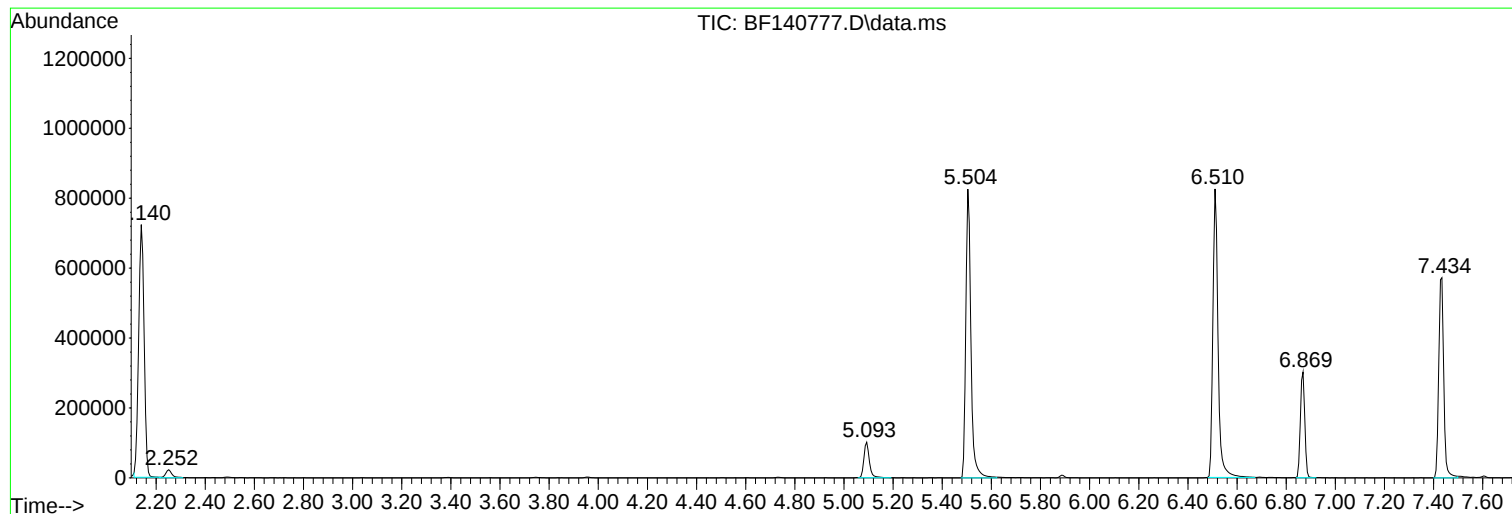
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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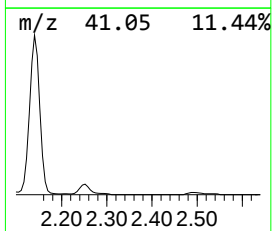
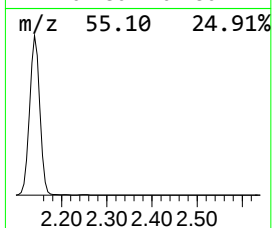
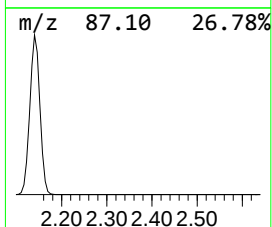
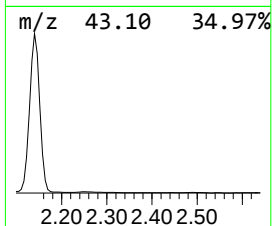
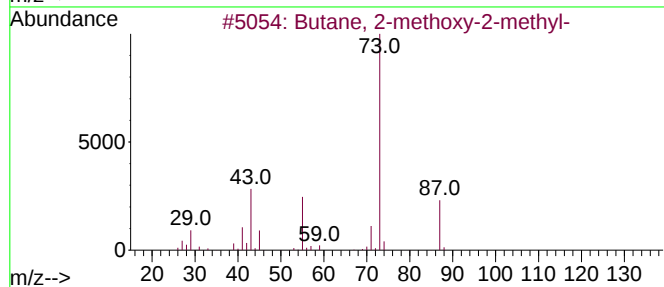
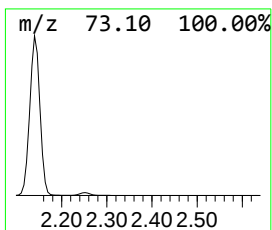
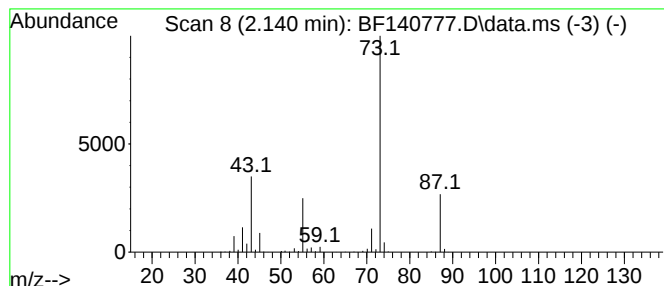
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	59.78 ng	1123910	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5			Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9



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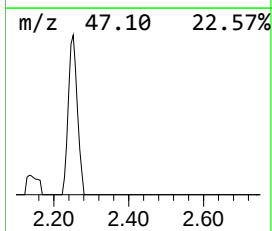
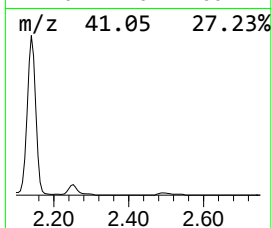
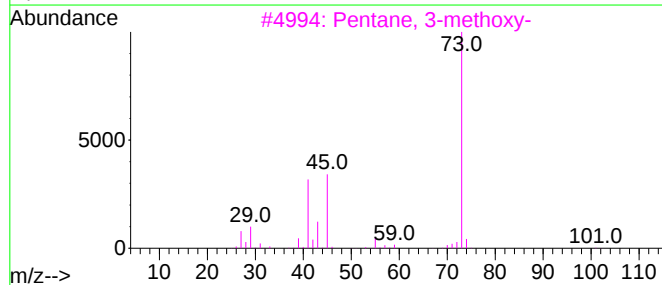
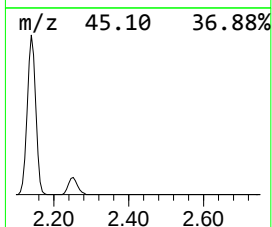
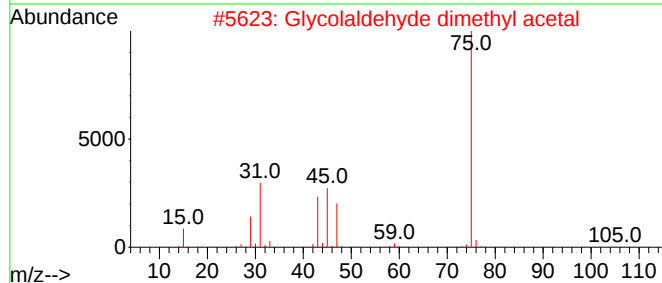
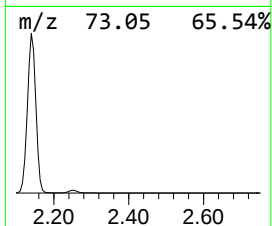
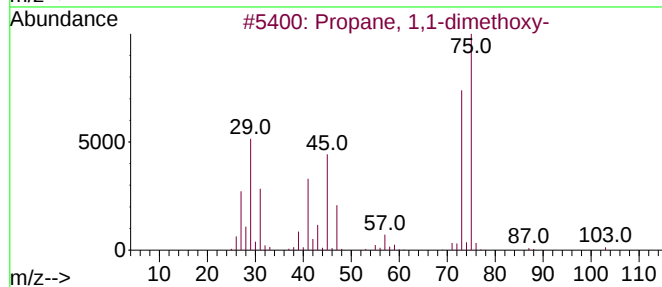
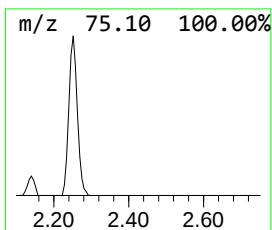
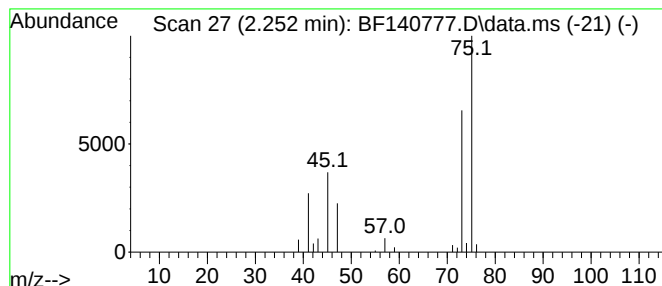
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Propane, 1,1-dimethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.252	2.12 ng	39788	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2			Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	40
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
4			Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
5			Glycine	75	C2H5NO2	000056-40-6	9



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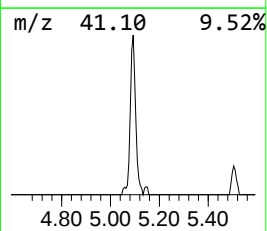
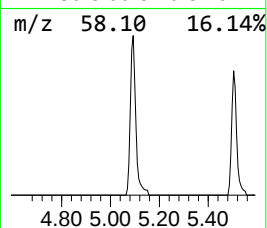
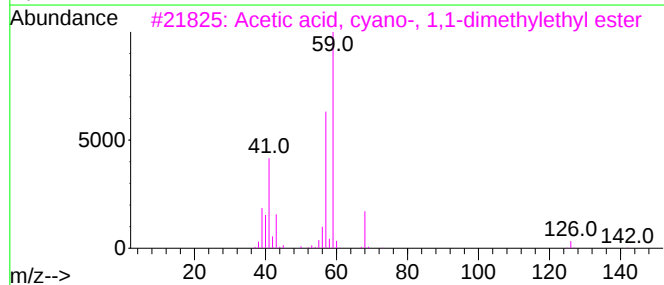
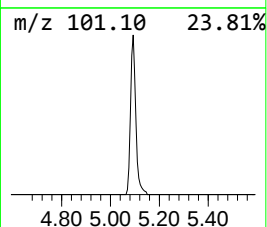
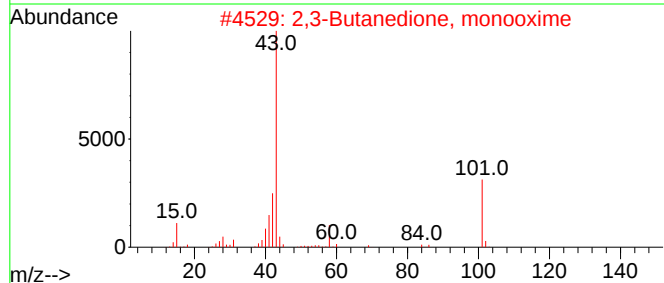
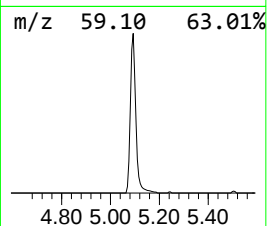
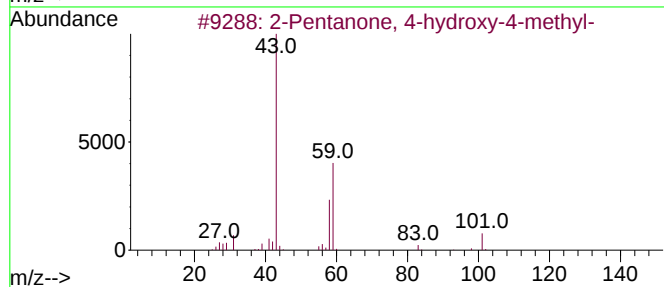
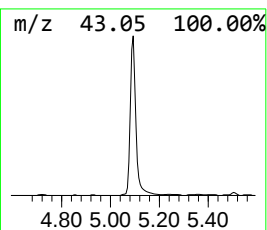
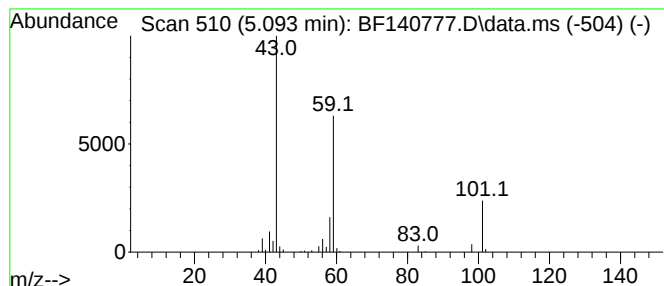
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.093	8.38 ng	157467	1,4-Dichlorobenzene-d4	6.869	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Acetone	58	C3H6O	000067-64-1	10



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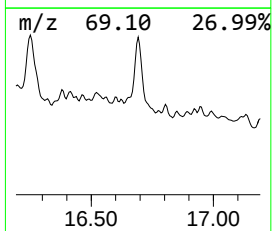
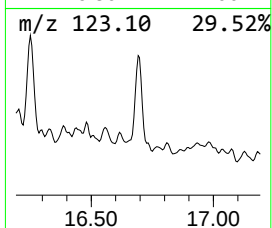
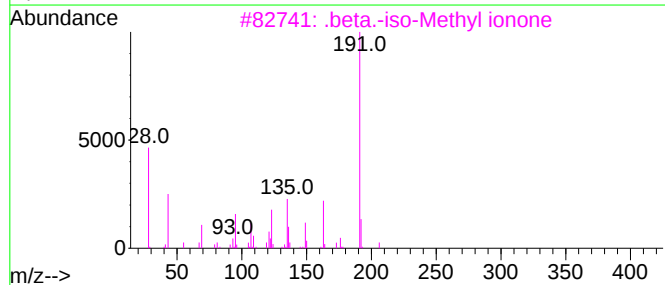
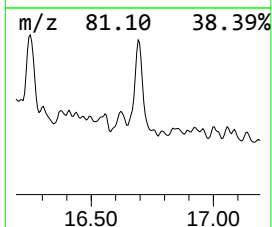
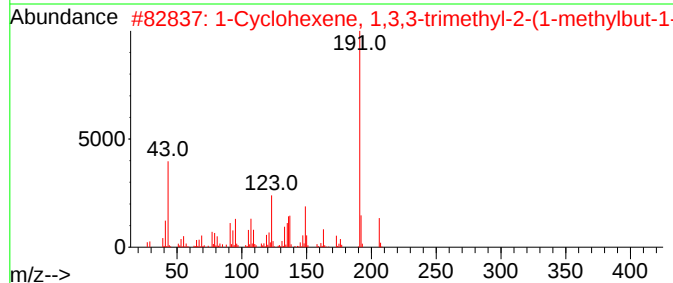
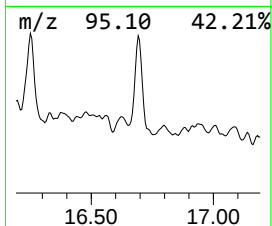
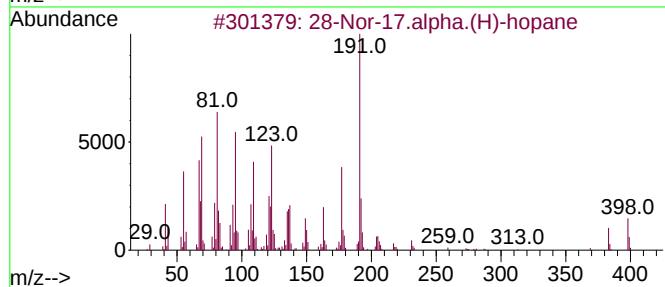
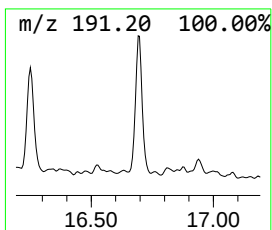
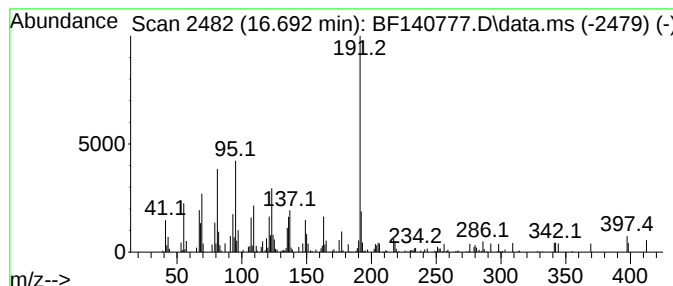
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Peak Number 4 28-Nor-17.alpha.(H)-hopane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.692	5.46 ng	90845	Perylene-d12	15.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	89
2			1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H220	1000197-08-4	50
3			.beta.-iso-Methyl ionone	206	C14H220	1000285-40-2	46
4			1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H220	000127-43-5	41
5			9H-Fluorene-2-carbonitrile	191	C14H9N	002523-48-0	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.140	59.8	ng	1123910	1	6.869	376034	20.0
Propane, 1,1-di...	2.252	2.1	ng	39788	1	6.869	376034	20.0
2-Pentanone, 4-...	5.093	8.4	ng	157467	1	6.869	376034	20.0
28-Nor-17.alpha...	16.692	5.5	ng	90845	6	15.563	332620	20.0