

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
 Data File : BF141929.D
 Acq On : 11 Mar 2025 21:42
 Operator : RC/JU
 Sample : Q1494-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ASPHALT-SOIL

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-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141929.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	6	13	rVB	171887	264129	21.54%	2.525%
2	3.963	310	318	330	rBV3	8415	19689	1.61%	0.188%
3	5.487	571	577	592	rBV	444307	580487	47.33%	5.549%
4	6.169	688	693	700	rBV	27255	34896	2.85%	0.334%
5	6.445	732	740	743	rBV	12490	20308	1.66%	0.194%
6	6.492	743	748	767	rVB	458933	600277	48.95%	5.738%
7	6.881	809	814	819	rBV	726552	893432	72.85%	8.541%
8	7.434	903	908	917	rBV	295670	379474	30.94%	3.628%
9	7.692	947	952	957	rVB	11416	15362	1.25%	0.147%
10	8.157	1026	1031	1050	rBV	862165	1143025	93.20%	10.927%
11	9.039	1176	1181	1188	rBV7	5599	17018	1.39%	0.163%
12	9.233	1209	1214	1219	rBV	631714	800002	65.23%	7.648%
13	9.310	1224	1227	1231	rBV	20404	30933	2.52%	0.296%
14	9.628	1277	1281	1284	rBV2	37426	53353	4.35%	0.510%
15	9.781	1303	1307	1310	rBV3	70287	112726	9.19%	1.078%
16	9.828	1312	1315	1318	rVB2	76914	102944	8.39%	0.984%
17	9.910	1324	1329	1334	rBV	933414	1226364	100.00%	11.723%
18	10.322	1396	1399	1404	rBV3	119811	175975	14.35%	1.682%
19	10.698	1459	1463	1467	rBV	297538	423857	34.56%	4.052%
20	11.398	1578	1582	1596	rVB	787884	1085415	88.51%	10.376%
21	12.980	1847	1851	1860	rVB	544648	734041	59.86%	7.017%
22	14.033	2026	2030	2037	rVB	631500	829024	67.60%	7.925%
23	14.198	2055	2058	2066	rVB	162733	215419	17.57%	2.059%
24	14.504	2107	2110	2114	rVB	161679	194291	15.84%	1.857%
25	15.510	2277	2281	2285	rBV	341072	508403	41.46%	4.860%

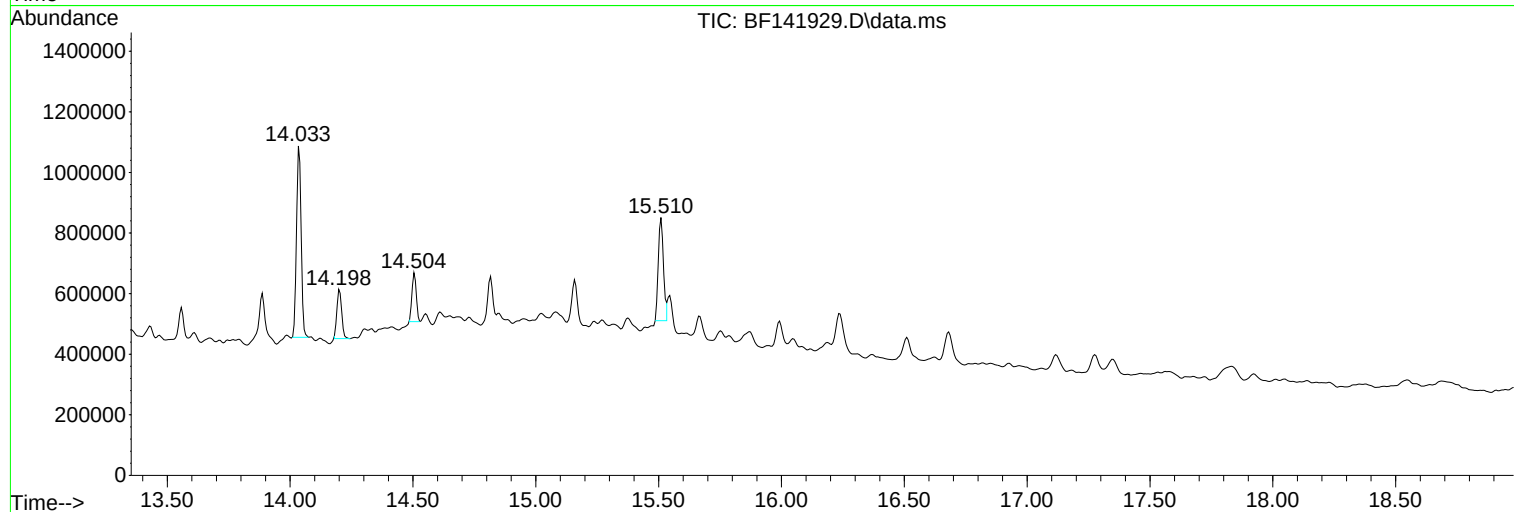
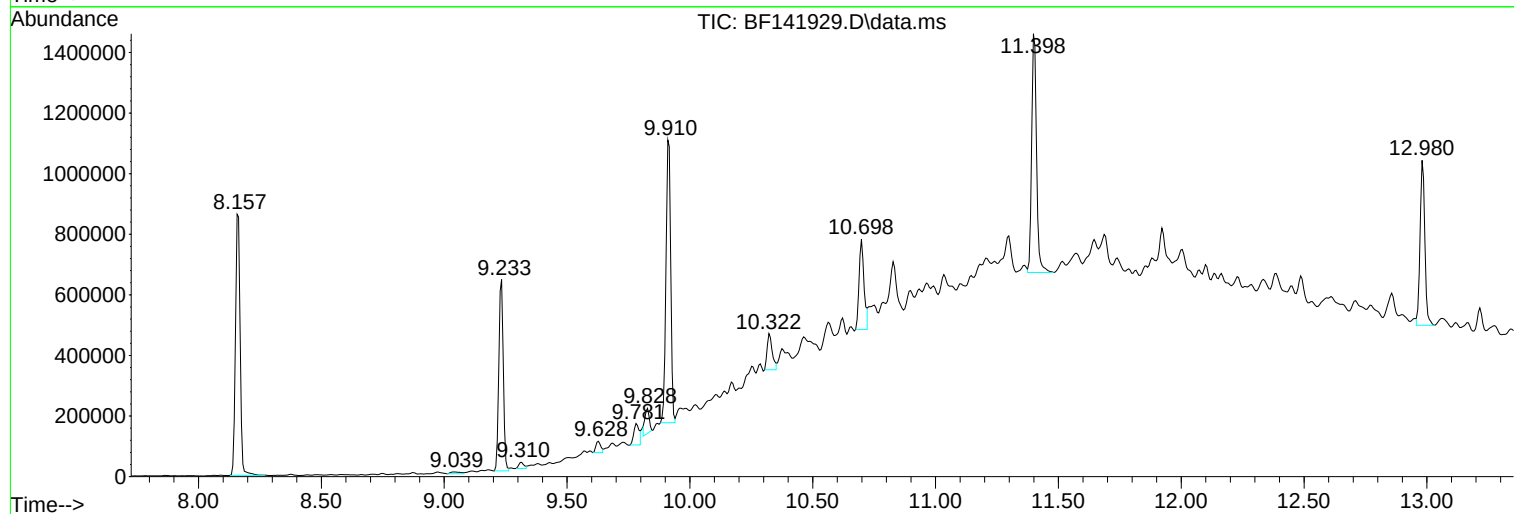
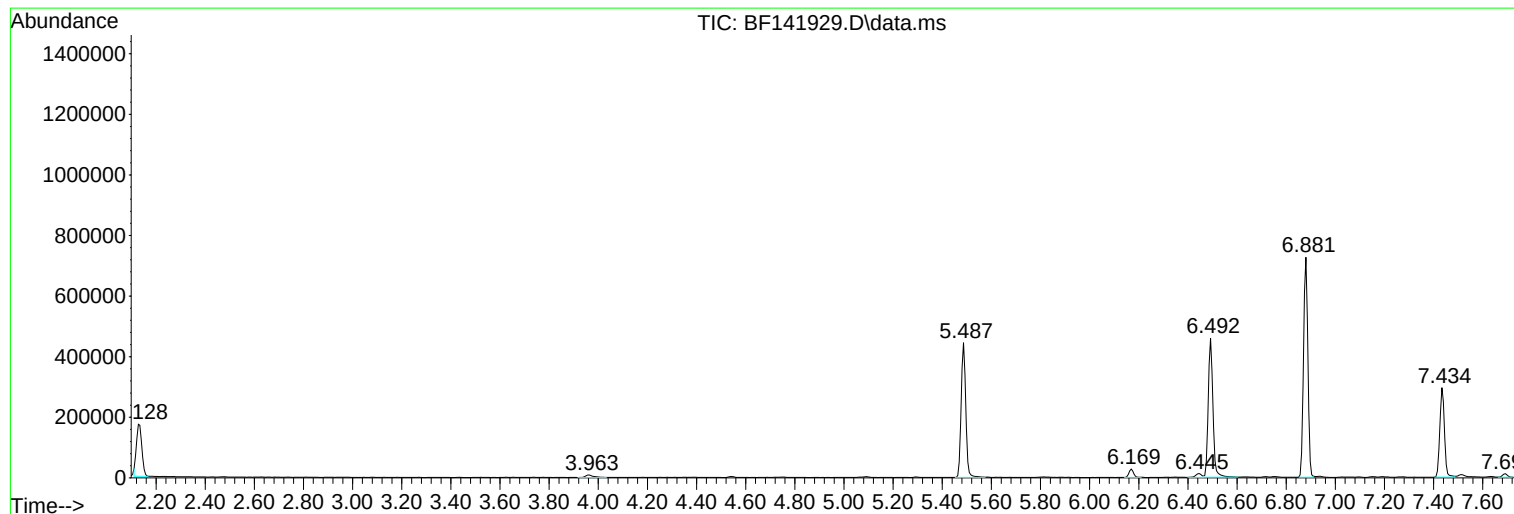
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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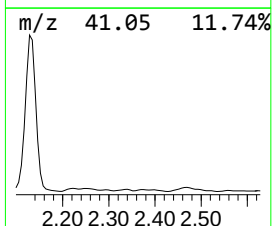
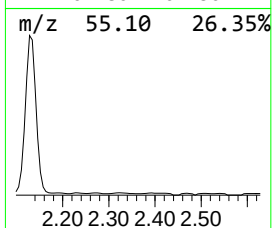
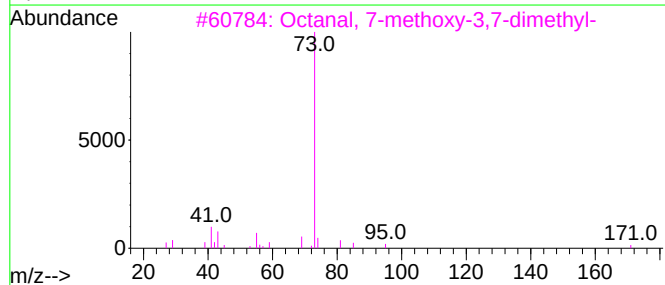
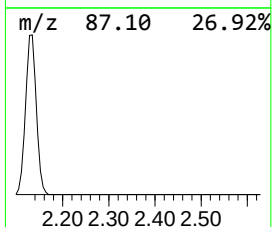
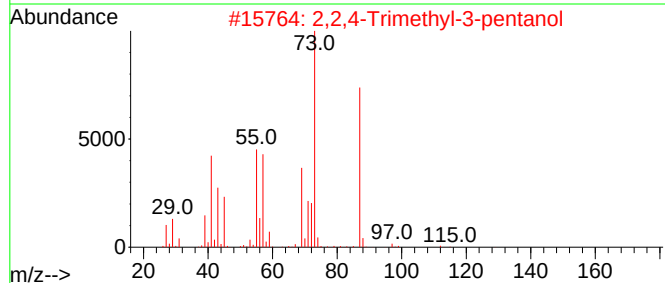
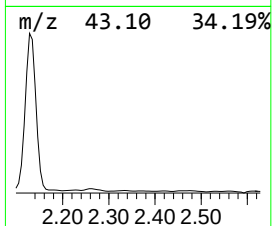
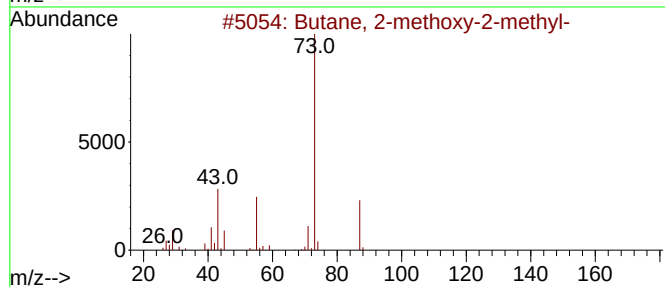
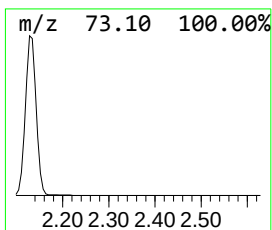
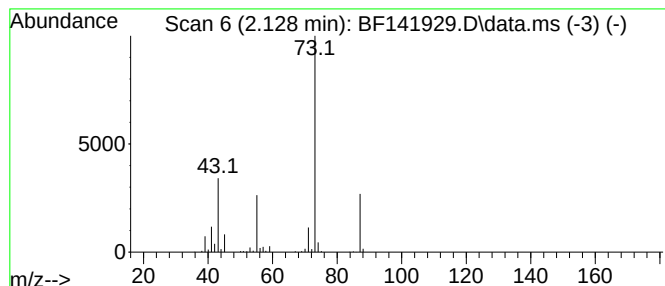
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
2.128	5.91 ng	264129	1,4-Dichlorobenzene-d4	6.881

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			Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	25
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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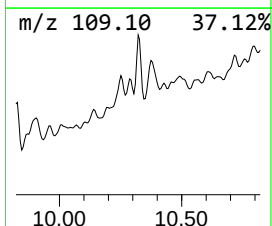
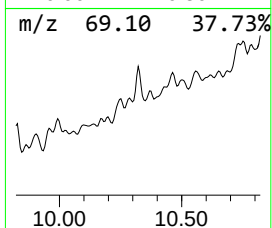
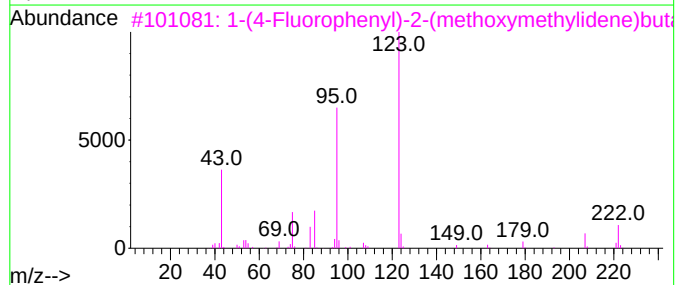
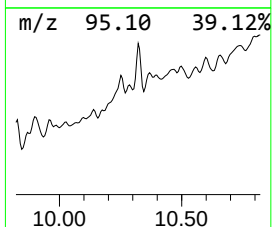
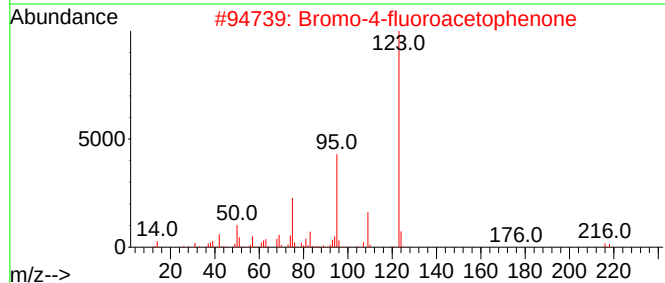
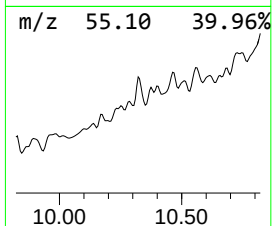
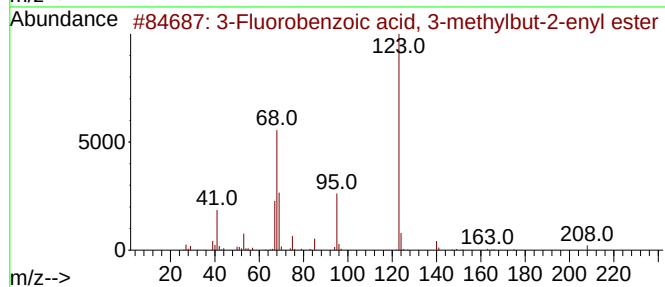
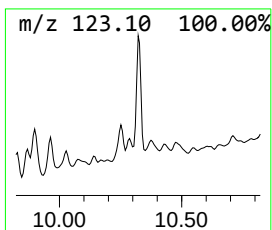
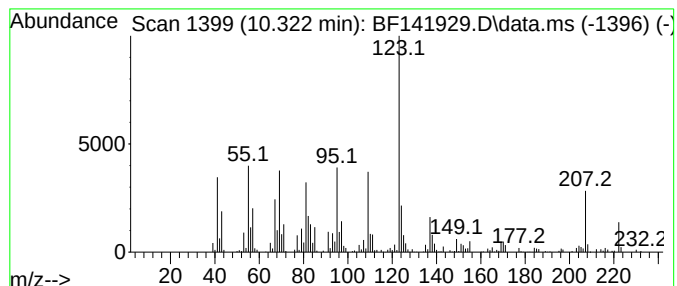
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 unknown10.322 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	2.87 ng	175975	Acenaphthene-d10	9.916

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Fluorobenzoic acid, 3-methylbu...	208	C12H13F02	154559-38-3	49
2			Bromo-4-fluoroacetophenone	216	C8H6BrFO	000403-29-2	47
3			1-(4-Fluorophenyl)-2-(methoxymet...	222	C12H11FO3	1000388-14-4	47
4			4-Fluorobenzoic acid, 3-pentadec...	350	C22H35FO2	1000280-68-4	47
5			Bicyclo[4.1.0]heptane-7-carboxam...	222	C11H14N2OS	329912-72-3	47



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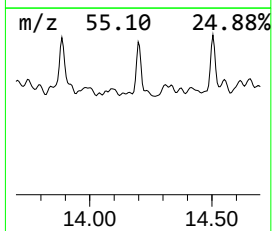
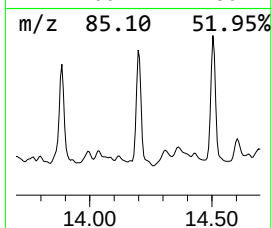
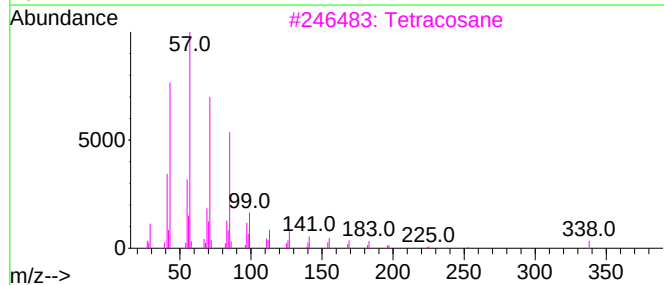
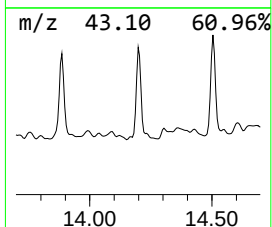
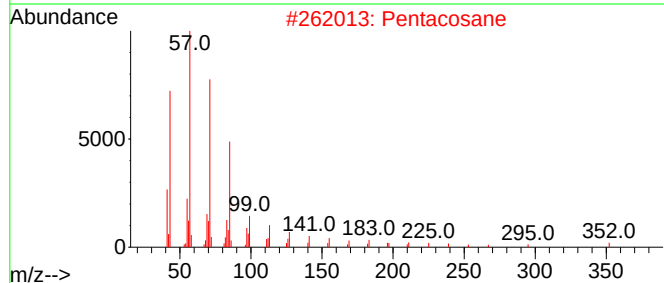
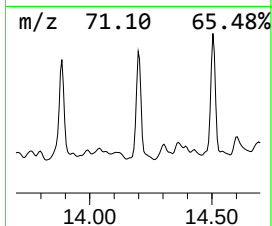
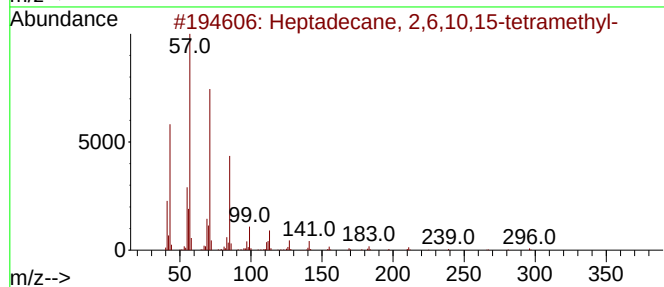
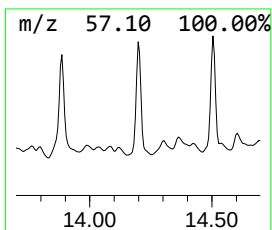
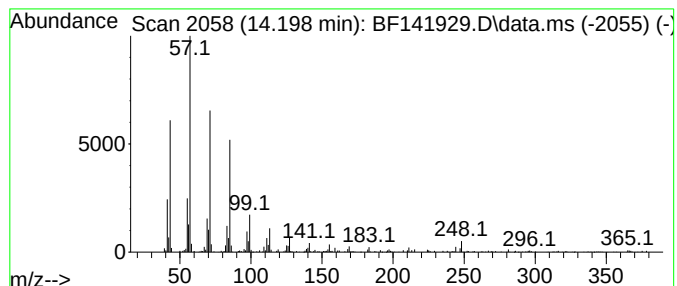
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BNA_F
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptadecane, 2,6,10,15-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.198	5.20 ng	215419	Chrysene-d12	14.033	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Pentacosane	352	C25H52	000629-99-2	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Hexacosane	366	C26H54	000630-01-3	90



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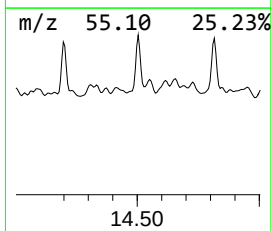
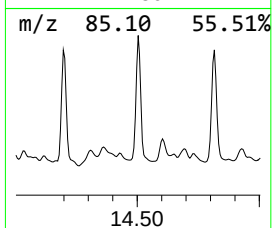
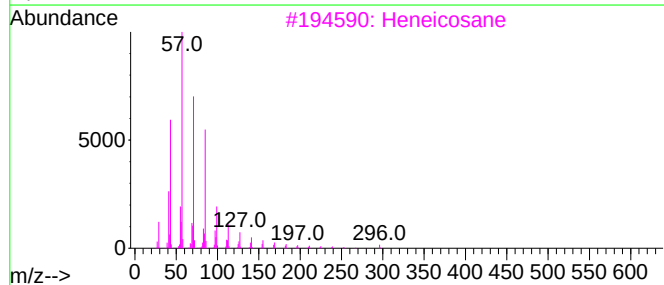
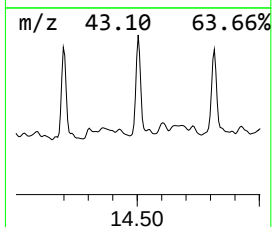
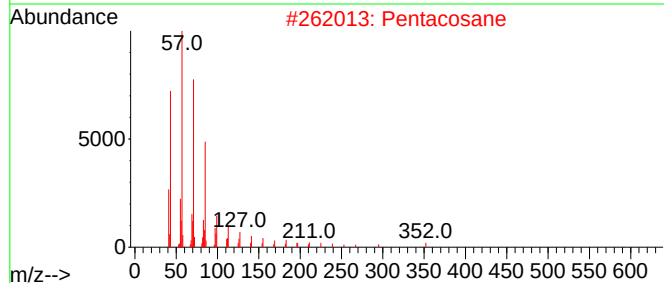
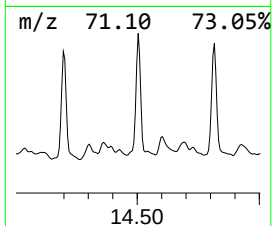
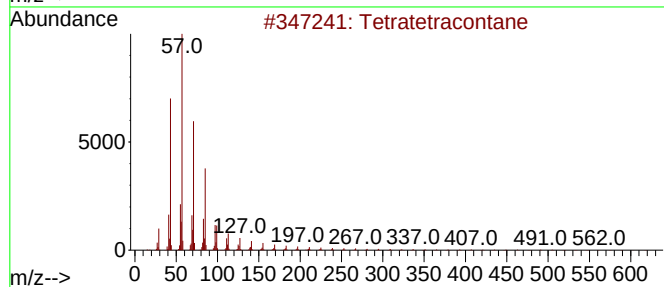
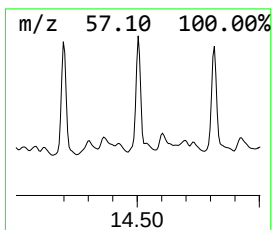
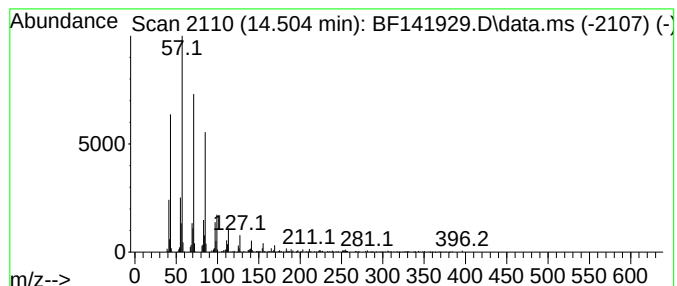
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Peak Number 4 Tetratetracontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.504	4.69 ng	194291	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	91
2			Pentacosane	352	C25H52	000629-99-2	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Tetracosane	338	C24H50	000646-31-1	91
5			Hexacosane	366	C26H54	000630-01-3	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.128	5.9	ng	264129	1	6.881	893432	20.0
unknown10.322	10.322	2.9	ng	175975	3	9.916	1226360	20.0
Heptadecane, 2,...	14.198	5.2	ng	215419	5	14.033	829024	20.0
Tetratetracontane	14.504	4.7	ng	194291	5	14.033	829024	20.0