

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061120\
 Data File : BM026358.D
 Acq On : 11 Jun 2020 16:22
 Operator : JU/CG
 Sample : L2972-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 STOCK-PILE-1

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_M\METHODS\8270-BM060520.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	5.057	361	369	385	rBV	1307055	1875489	46.23%	7.051%
2	6.628	626	636	648	rBV	1339267	2056011	50.68%	7.729%
3	7.422	765	771	780	rBV	561388	844829	20.82%	3.176%
4	7.734	817	824	833	rBV	1089816	1685018	41.53%	6.334%
5	8.569	957	966	979	rBV	867402	1368988	33.74%	5.146%
6	10.180	1231	1240	1254	rBV	704432	1135245	27.98%	4.268%
7	12.686	1659	1666	1676	rBV	1984381	2851471	70.28%	10.720%
8	13.545	1805	1812	1822	rBV	256107	352191	8.68%	1.324%
9	14.074	1895	1902	1909	rBV	986064	1390769	34.28%	5.228%
10	15.574	2151	2157	2169	rBV	1550018	2178067	53.68%	8.188%
11	16.827	2364	2370	2376	rBV	1178917	1590401	39.20%	5.979%
12	19.486	2816	2822	2828	rBV	3393546	4057222	100.00%	15.252%
13	20.786	3040	3043	3050	rVB	366990	454501	11.20%	1.709%
14	21.039	3082	3086	3091	rBV2	1477624	1764312	43.49%	6.633%
15	21.650	3187	3190	3196	rBV2	193584	275811	6.80%	1.037%
16	22.080	3261	3263	3267	rVB	289921	287130	7.08%	1.079%
17	22.550	3340	3343	3349	rVB	339159	434258	10.70%	1.633%
18	23.138	3438	3443	3452	rVB	1160420	1999020	49.27%	7.515%

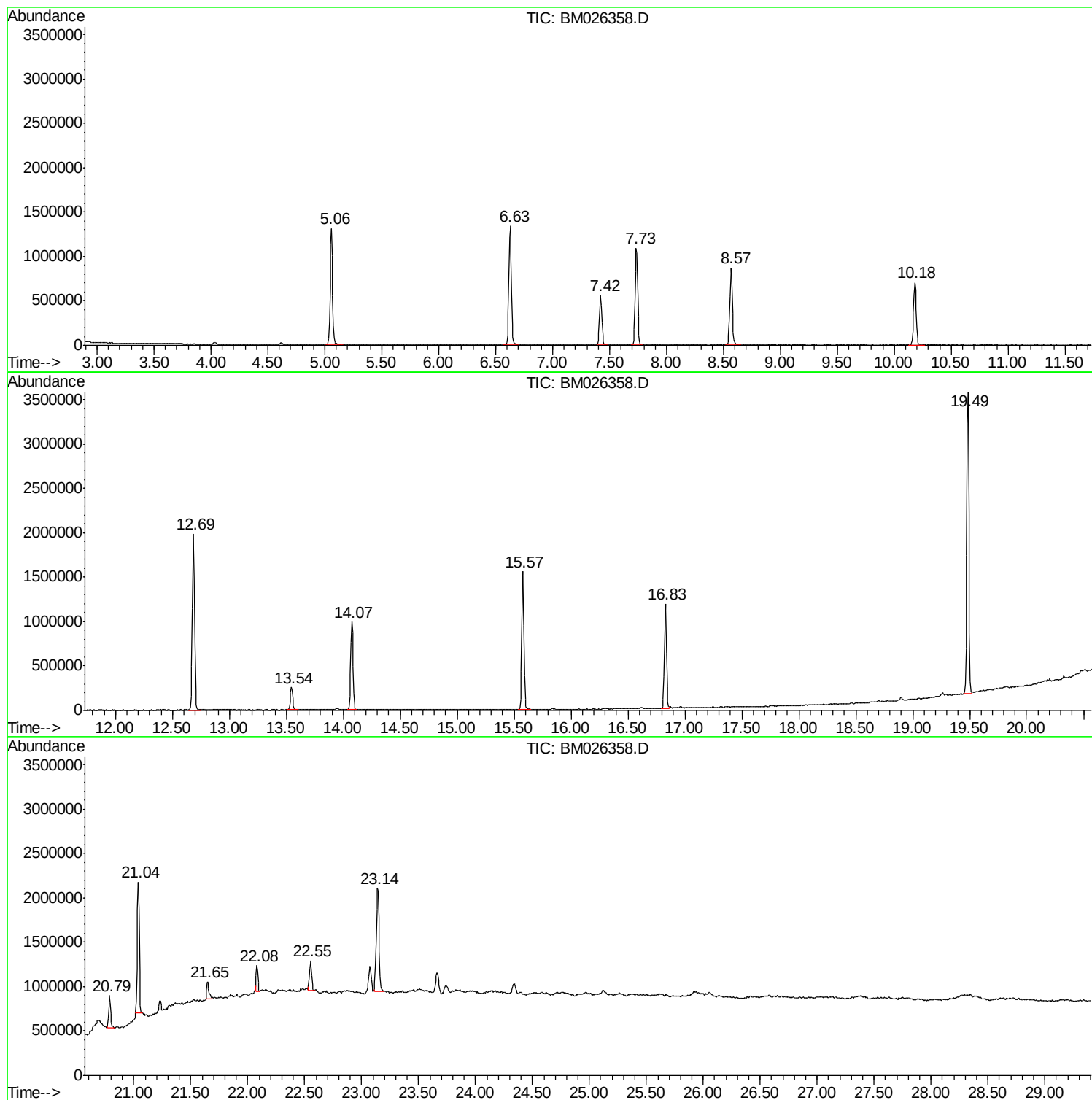
Sum of corrected areas: 26600733

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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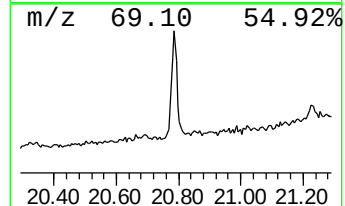
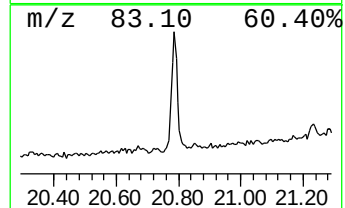
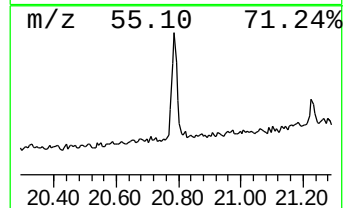
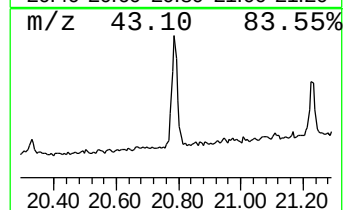
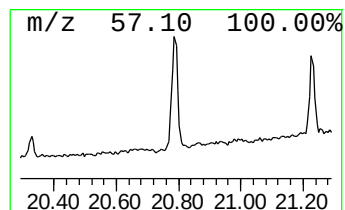
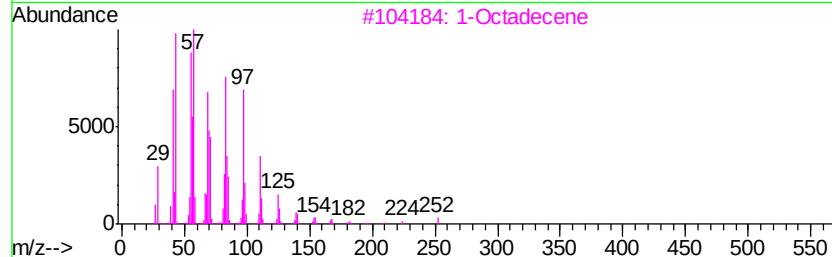
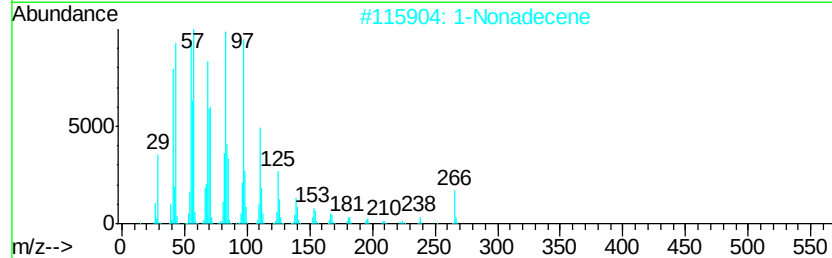
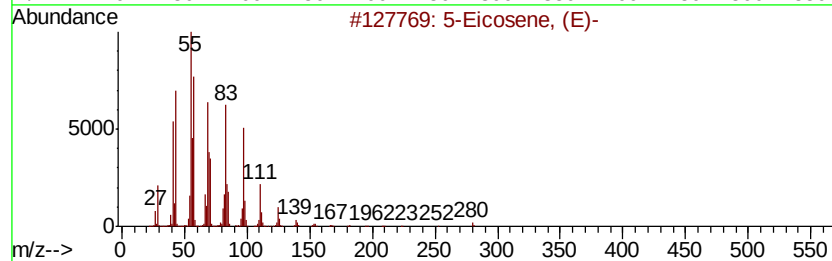
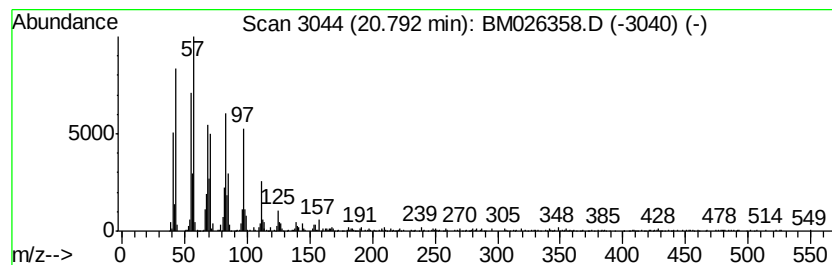
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	5.15 ng	454501	Chrysene-d12	21.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2		1-Nonadecene	266	C19H38	018435-45-5	97
3		1-Octadecene	252	C18H36	000112-88-9	97
4		9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
5		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94



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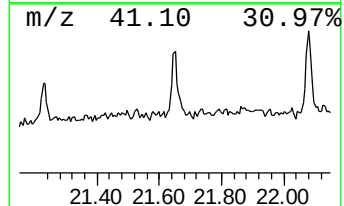
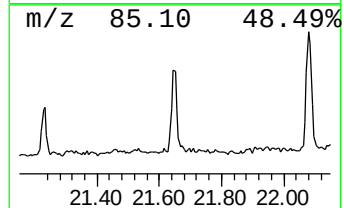
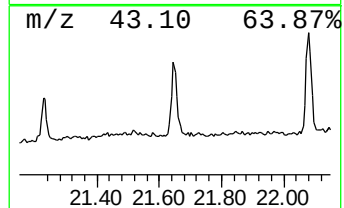
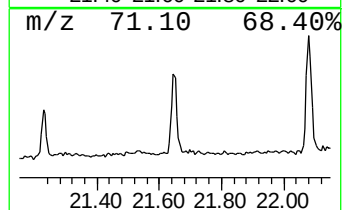
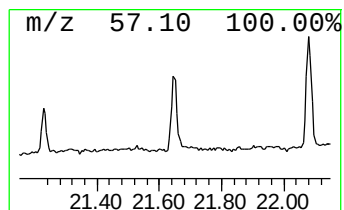
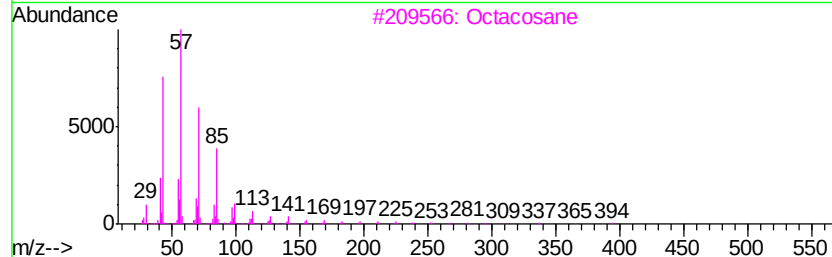
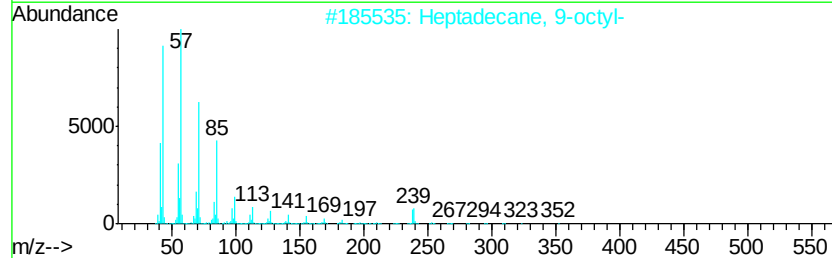
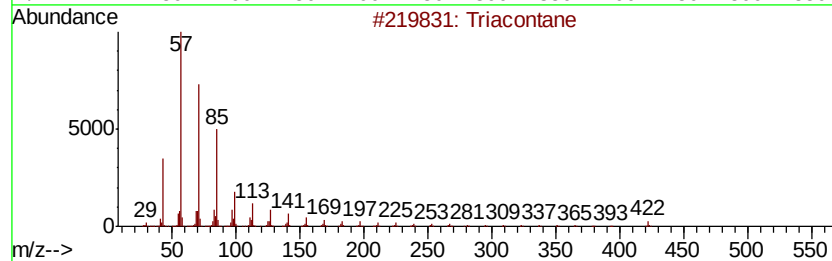
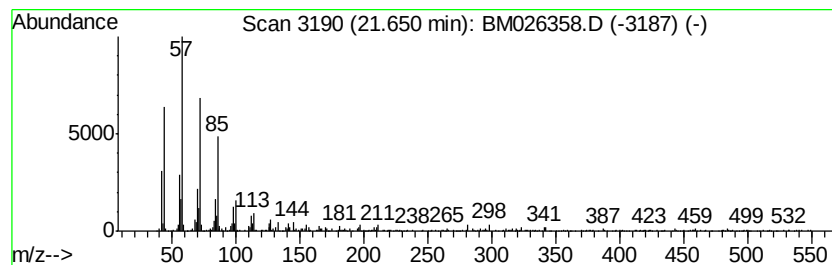
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Peak Number 3 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	3.13 ng	275811	Chrysene-d12	21.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	94
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Tetratetracontane	619	C44H90	007098-22-8	81
5		Hexatriacontane	507	C36H74	000630-06-8	81



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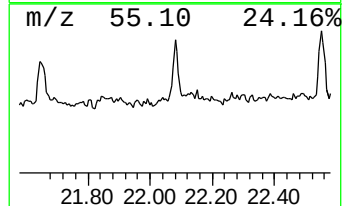
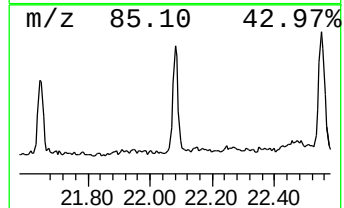
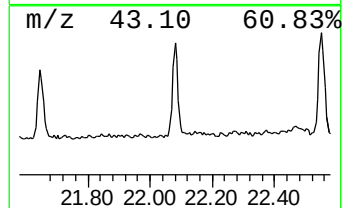
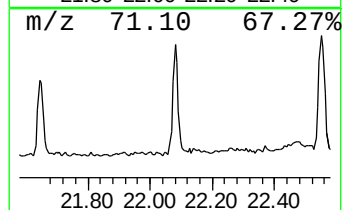
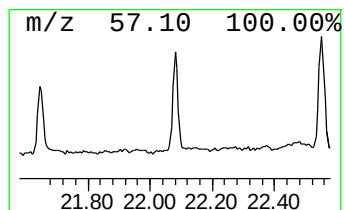
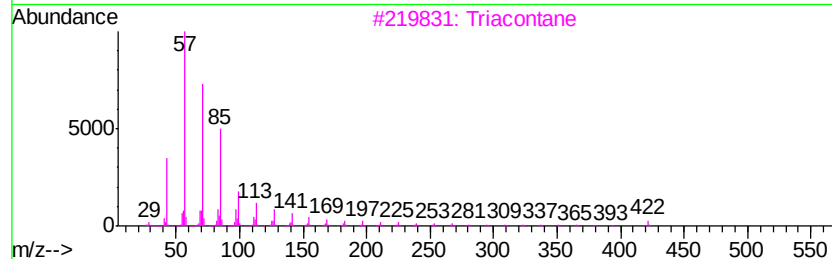
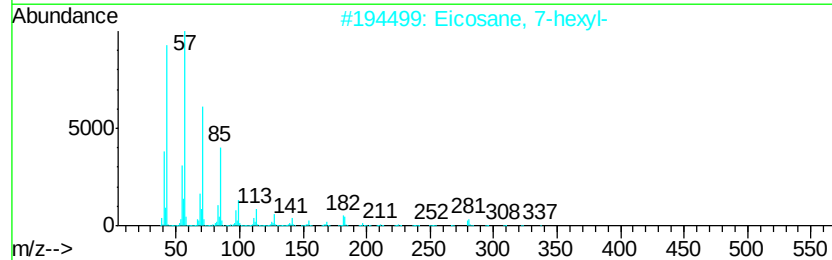
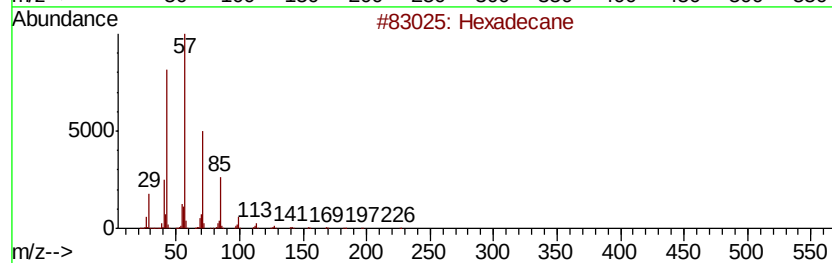
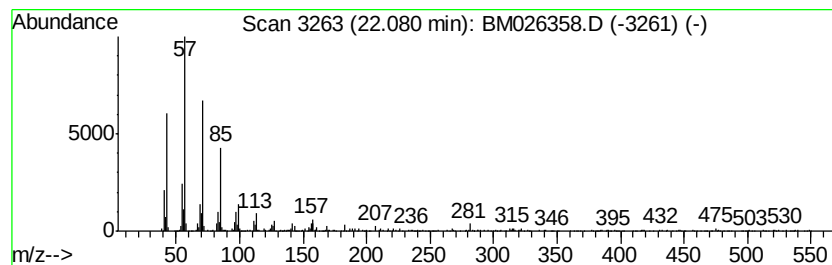
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Peak Number 4 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.08	3.25 ng	287130	Chrysene-d12	21.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	81
3		Triacontane	422	C30H62	000638-68-6	81
4		Hexacosane	366	C26H54	000630-01-3	74
5		Heptacosane	380	C27H56	000593-49-7	74



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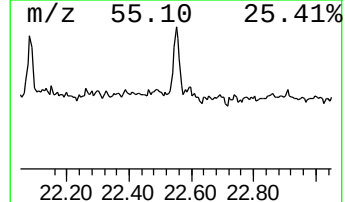
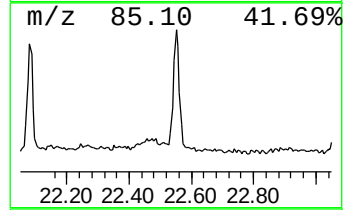
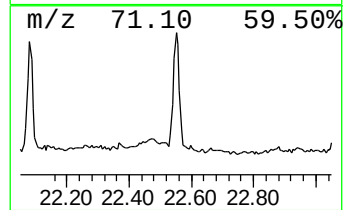
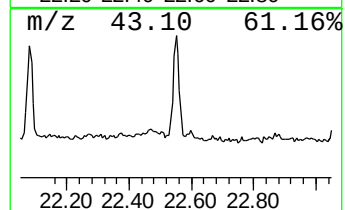
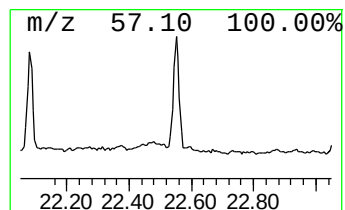
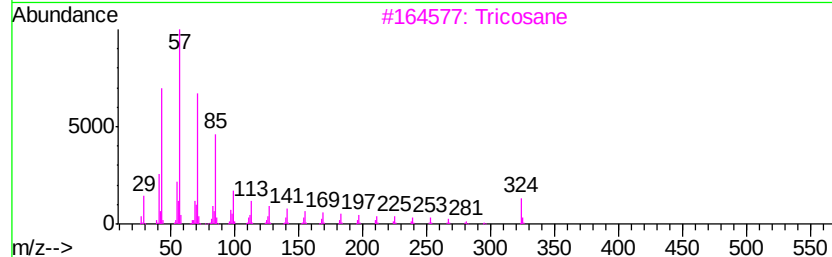
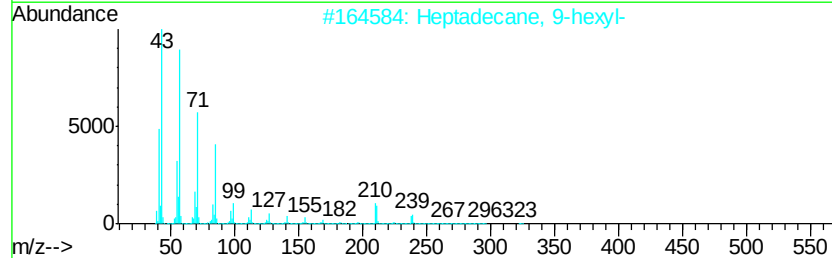
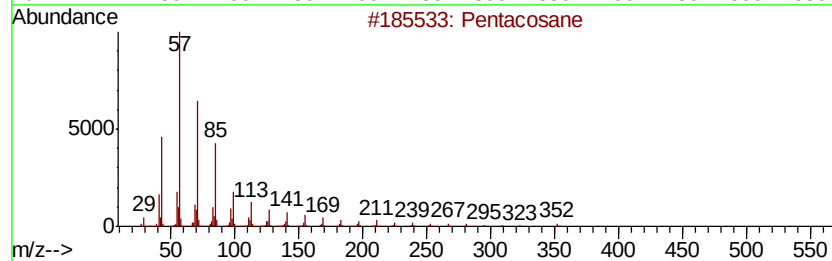
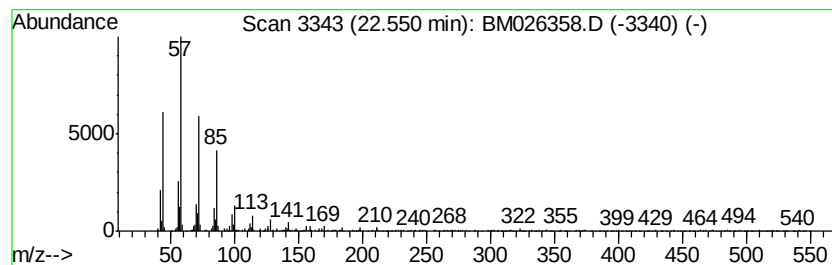
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Peak Number 5 Pentacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	4.34 ng	434258	Perylene-d12	23.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	93
2		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90
3		Tricosane	324	C23H48	000638-67-5	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
5-Eicosene, (E)-	20.79	5.2	ng	454501	5	21.04	1764310	20.0
Triacontane	21.65	3.1	ng	275811	5	21.04	1764310	20.0
Hexadecane	22.08	3.3	ng	287130	5	21.04	1764310	20.0
Pentacosane	22.55	4.3	ng	434258	6	23.14	1999020	20.0