LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030619\
Data File : BG039788.D
Acq On : 6 Mar 2019 15:28
Operator : JU/SJ
Sample : K1704-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PST-028-SW068-022719

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_G\METHODS\8270-BG030419.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	3.211	15	21	30	rBV	253172	473380	13.33%	2.379%
2	3.282	30	33	41	rVB	44857	65222	1.84%	0.328%
3	5.702	437	445	455	rBV	839815	1353003	38.10%	6.799%
4	7.300	709	717	732	rVB	897477	1636247	46.08%	8.222%
5	7.681	774	782	791	rBV	833724	1454086	40.95%	7.307%
6	8.157	856	863	872	rBV	166409	288090	8.11%	1.448%
7	8.480	910	918	926	rBV	579871	1010562	28.46%	5.078%
8	9.332	1055	1063	1073	rBV	523476	931324	26.23%	4.680%
9	10.977	1336	1343	1351	rVB	251907	441842	12.44%	2.220%
10	13.403	1749	1756	1763	rBV	1505258	2301270	64.80%	11.564%
11	14.220	1889	1895	1902	rBV	79785	112255	3.16%	0.564%
12	14.778	1983	1990	1998	rBV2	411255	676616	19.05%	3.400%
13	16.270	2237	2244	2256	rBV	1289976	1993316	56.13%	10.016%
14	17.527	2451	2458	2469	rVB2	593957	909269	25.60%	4.569%
15	18.373	2597	2602	2607	rBV2	43357	59609	1.68%	0.300%
16	20.118	2893	2899	2905	rBV	2718163	3551157	100.00%	17.844%
17	21.398	3112	3117	3127	rBV	63162	117848	3.32%	0.592%
18	21.815	3180	3188	3196	rVB	602252	1005568	28.32%	5.053%
19	21.956	3208	3212	3219	rVB2	30706	45426	1.28%	0.228%
20	22.585	3313	3319	3327	rBV3	38129	66652	1.88%	0.335%
21	23.301	3435	3441	3449	rBV2	39159	77347	2.18%	0.389%
22	24.142	3575	3584	3592	rBV2	47485	110303	3.11%	0.554%
23	25.187	3743	3762	3777	rVB2	325586	1074131	30.25%	5.397%
24	26.309	3945	3953	3962	rVB3	32583	92268	2.60%	0.464%
25	27.731	4186	4195	4205	rVB5	16146	53831	1.52%	0.270%

Sum of corrected areas: 19900622

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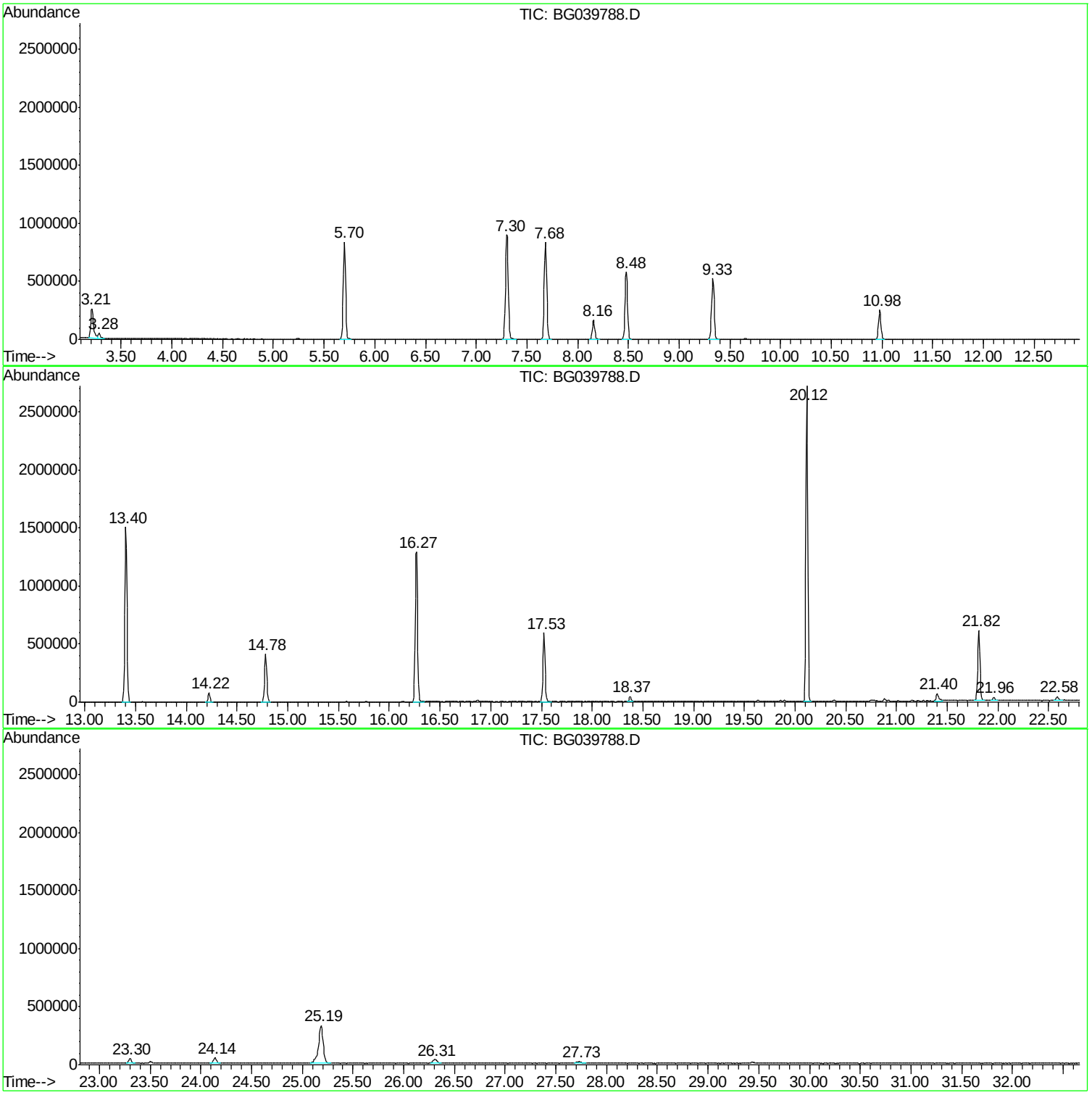
PST-028-SW068-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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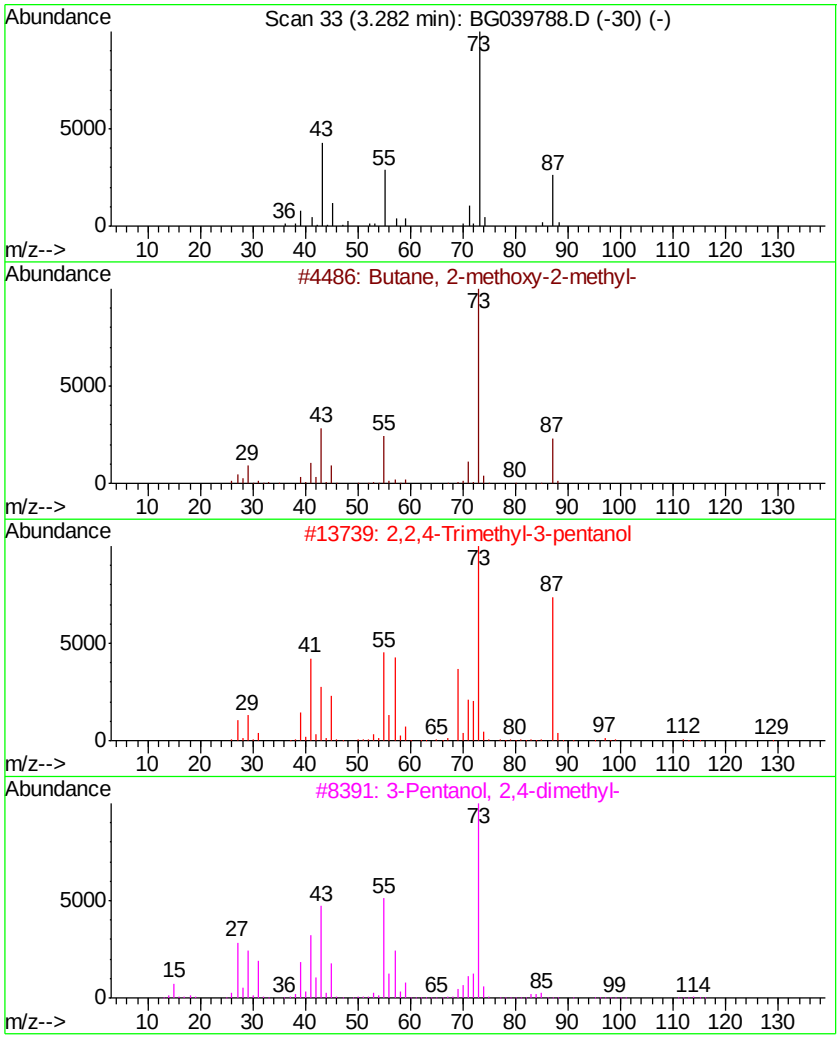
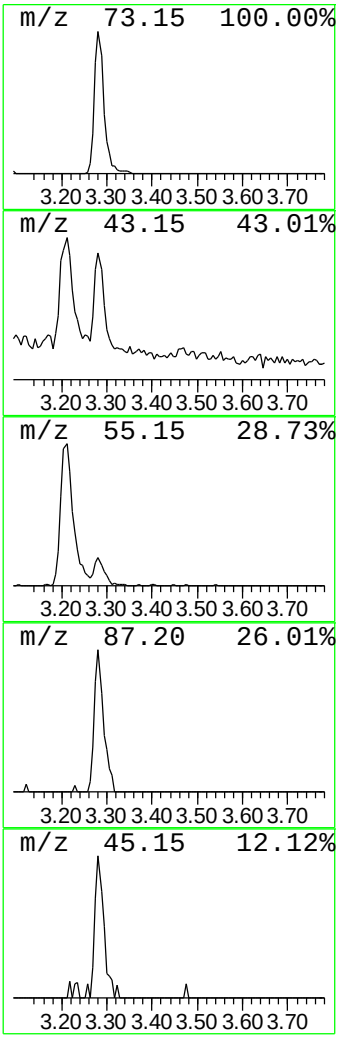
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.28	4.53 ng	65222	1,4-Dichlorobenzene-d4	8.16

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	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	9





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Instrument : BNA_G
ClientSampleId : PST-028-SW068-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
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TIC Library : C:\Database\NIST11.L
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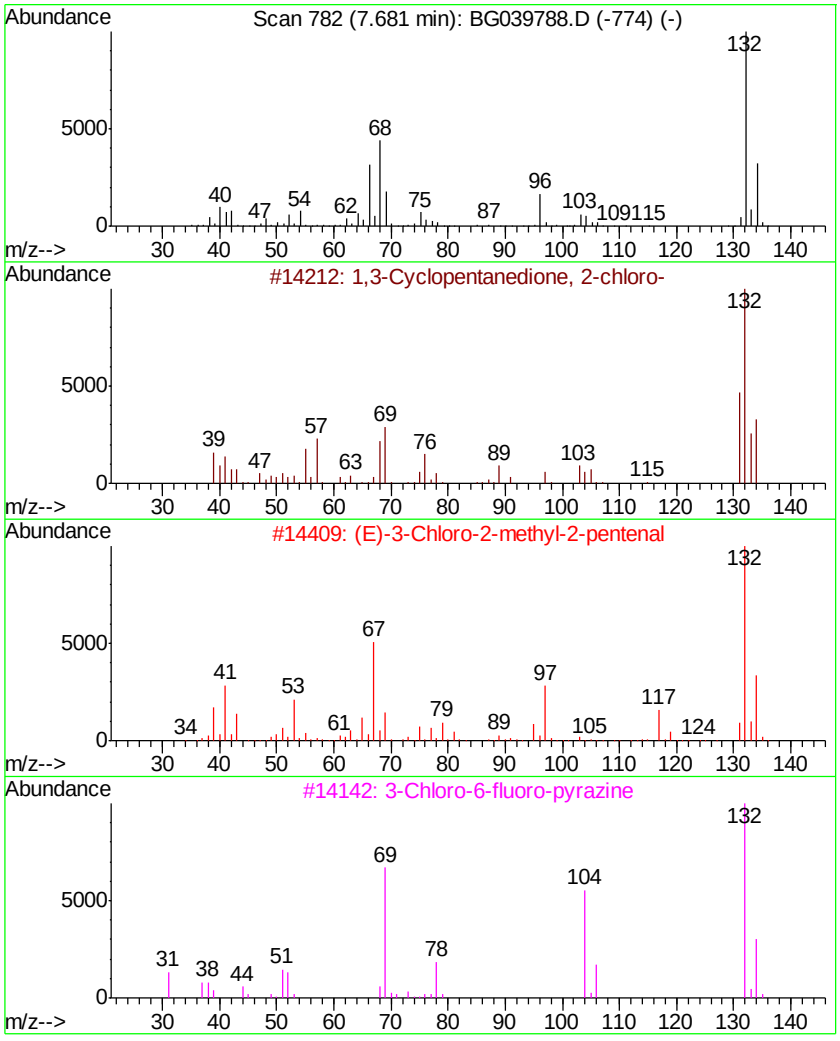
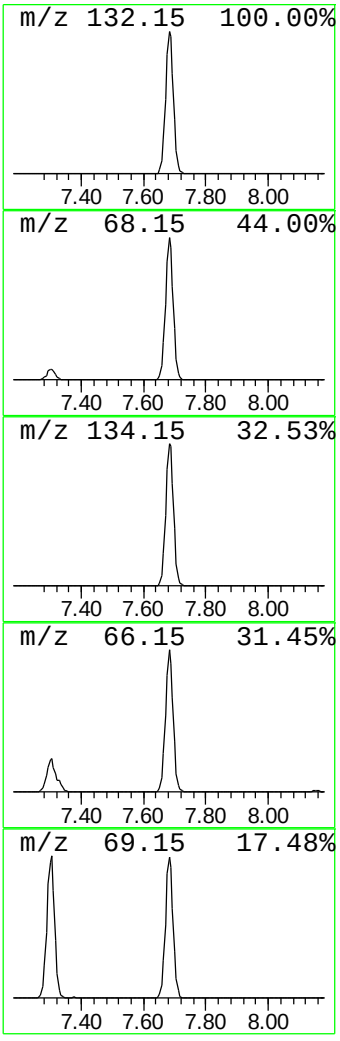
Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	100.95 ng	1454090	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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Operator : JU/SJ
Sample : K1704-05
Misc :
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Instrument : BNA_G
ClientSampleId : PST-028-SW068-022719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
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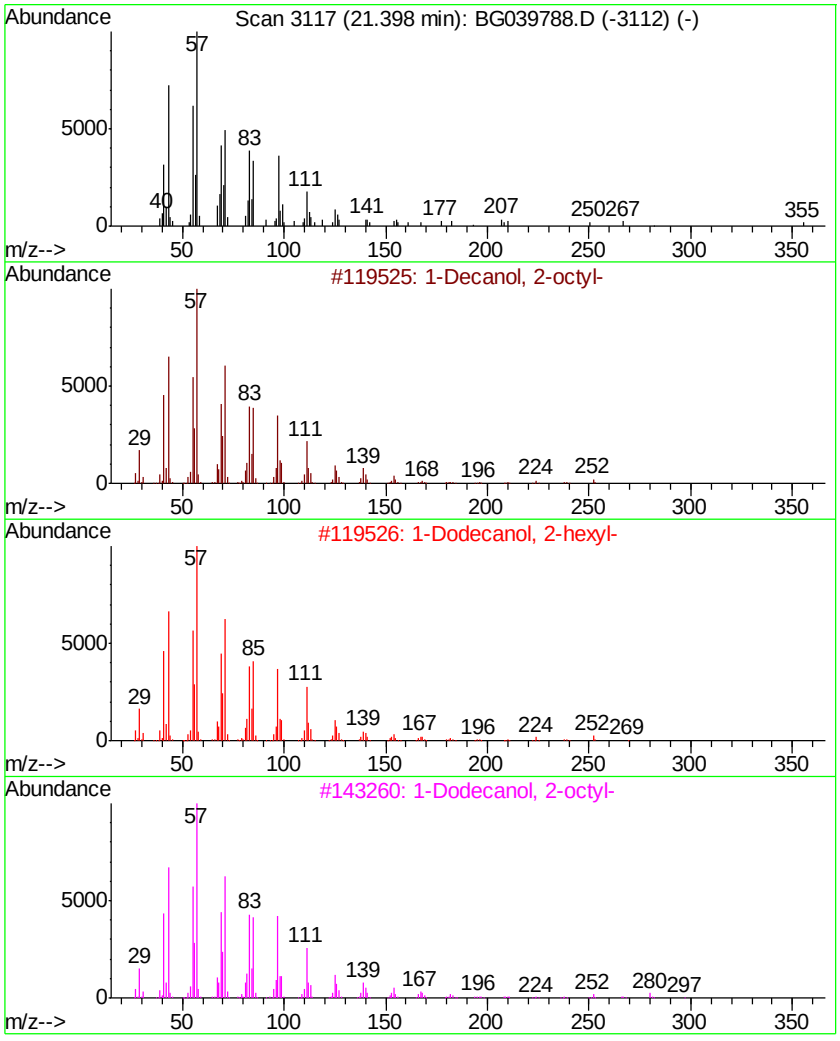
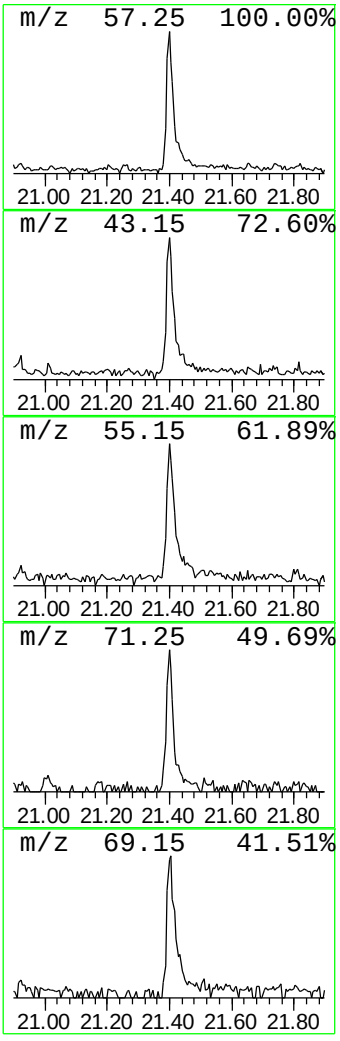
Peak Number 5 1-Decanol, 2-octyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.34 ng	117848	Chrysene-d12	21.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	91
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	90
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87





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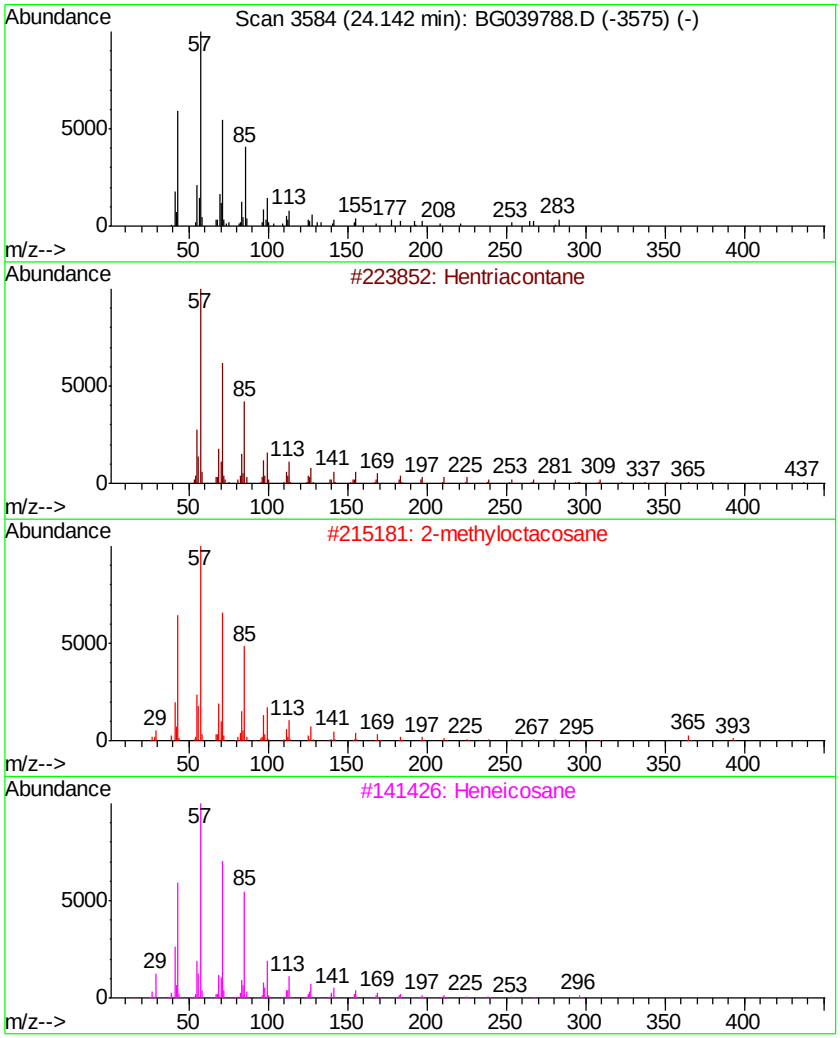
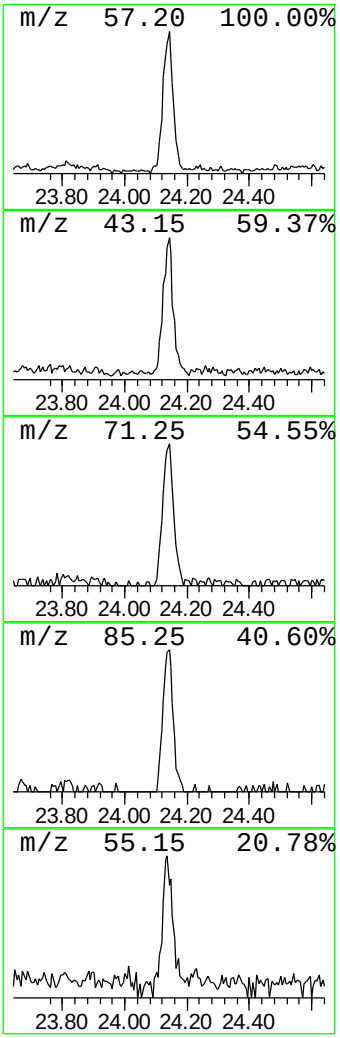
Peak Number 6 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	2.05 ng	110303	Perylene-d12	25.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.28	4.5	ng	65222	1	8.16	288090	20.0
unknown7.68	7.68	101.0	ng	1454090	1	8.16	288090	20.0
1-Decanol, 2-octyl-	21.40	2.3	ng	117848	5	21.81	1005570	20.0
Hentriacontane	24.14	2.0	ng	110303	6	25.18	1074130	20.0