LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040240.D
Acq On : 30 Mar 2019 00:36
Operator : JU/SJ
Sample : K2111-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S7A(4-20)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_G\METHODS\8270-BG032719.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	3.120	3	5	14	rVB	173016	273633	5.99%	1.033%
2	3.196	14	18	31	rVB	192717	265359	5.80%	1.002%
3	5.605	422	428	441	rBV	1193292	1950646	42.67%	7.367%
4	7.209	693	701	712	rBV	1287657	2212948	48.40%	8.358%
5	7.585	757	765	773	rBV	1203677	2068979	45.25%	7.814%
6	8.055	837	845	855	rBV	211672	365656	8.00%	1.381%
7	8.379	890	900	908	rBV	823757	1432432	31.33%	5.410%
8	9.231	1035	1045	1055	rBV	724975	1300837	28.45%	4.913%
9	10.870	1316	1324	1334	rVB	300948	531001	11.61%	2.005%
10	13.308	1732	1739	1746	rBV	1951180	2966537	64.89%	11.204%
11	14.131	1873	1879	1885	rBV	146822	218052	4.77%	0.824%
12	14.689	1967	1974	1981	rBV2	500750	809913	17.71%	3.059%
13	16.175	2220	2227	2242	rBV	1824936	2738053	59.89%	10.341%
14	17.433	2434	2441	2451	rBV2	720556	1126486	24.64%	4.255%
15	19.695	2821	2826	2834	rBV	31922	48515	1.06%	0.183%
16	20.035	2872	2884	2895	rBV	3322079	4571936	100.00%	17.267%
17	21.305	3097	3100	3105	rBV5	24452	48138	1.05%	0.182%
18	21.557	3139	3143	3148	rVB	48450	69758	1.53%	0.263%
19	21.710	3162	3169	3178	rVB2	728159	1250036	27.34%	4.721%
20	21.857	3188	3194	3199	rBV2	60347	90606	1.98%	0.342%
21	22.468	3292	3298	3303	rVB	102433	165958	3.63%	0.627%
22	23.167	3410	3417	3426	rBV	132429	256688	5.61%	0.969%
23	23.978	3547	3555	3566	rBV	119863	266258	5.82%	1.006%
24	25.006	3722	3730	3745	rVB2	351383	1235311	27.02%	4.666%
25	26.099	3906	3916	3925	rVB4	45901	138828	3.04%	0.524%
26	27.474	4142	4150	4157	rBV5	24359	74887	1.64%	0.283%

Sum of corrected areas: 26477451

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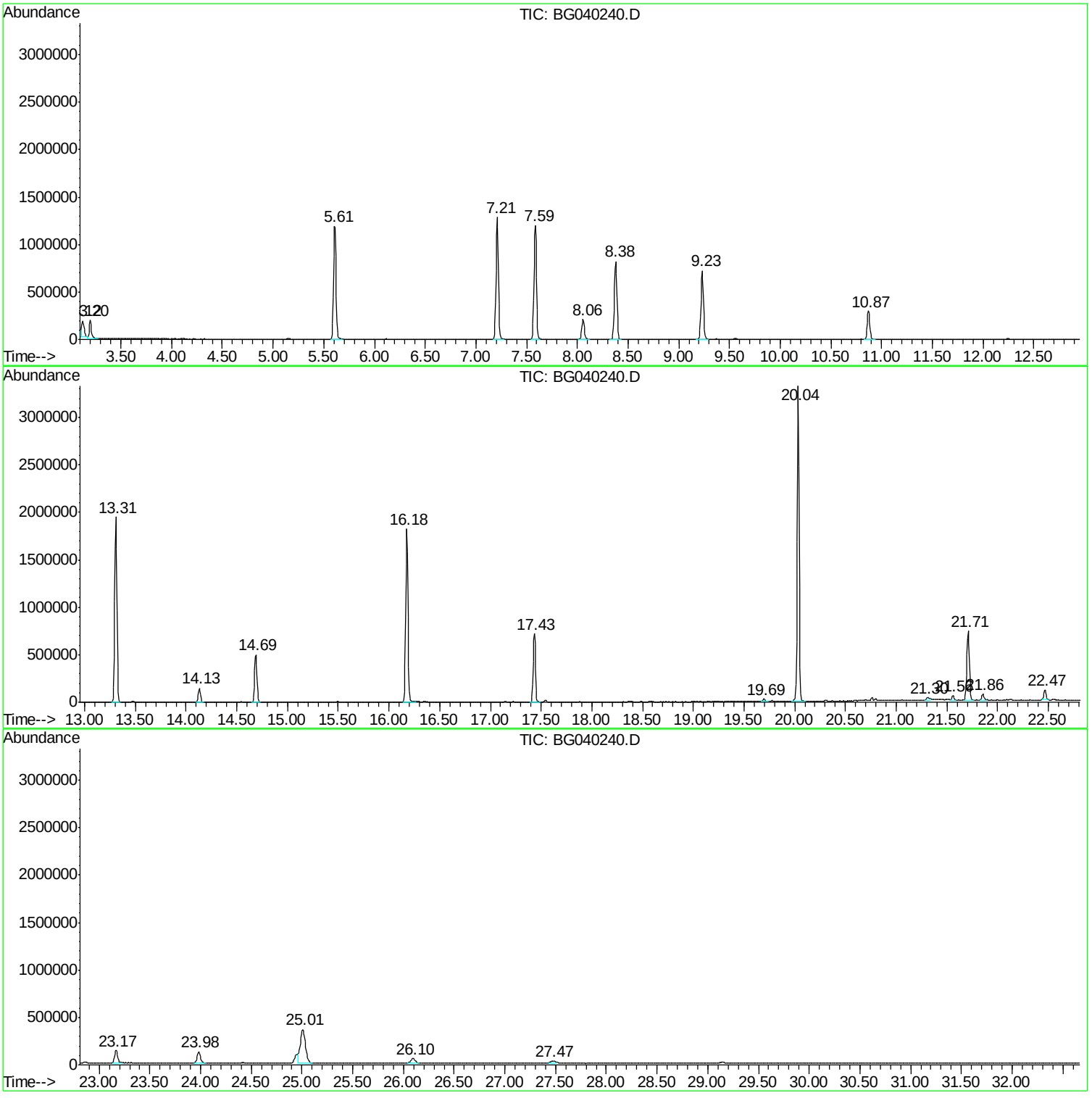
Instrument :
BNA_G
ClientSampleId :
S7A(4-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040240.D
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Operator : JU/SJ
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Misc :
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Instrument : BNA_G
ClientSampleId : S7A(4-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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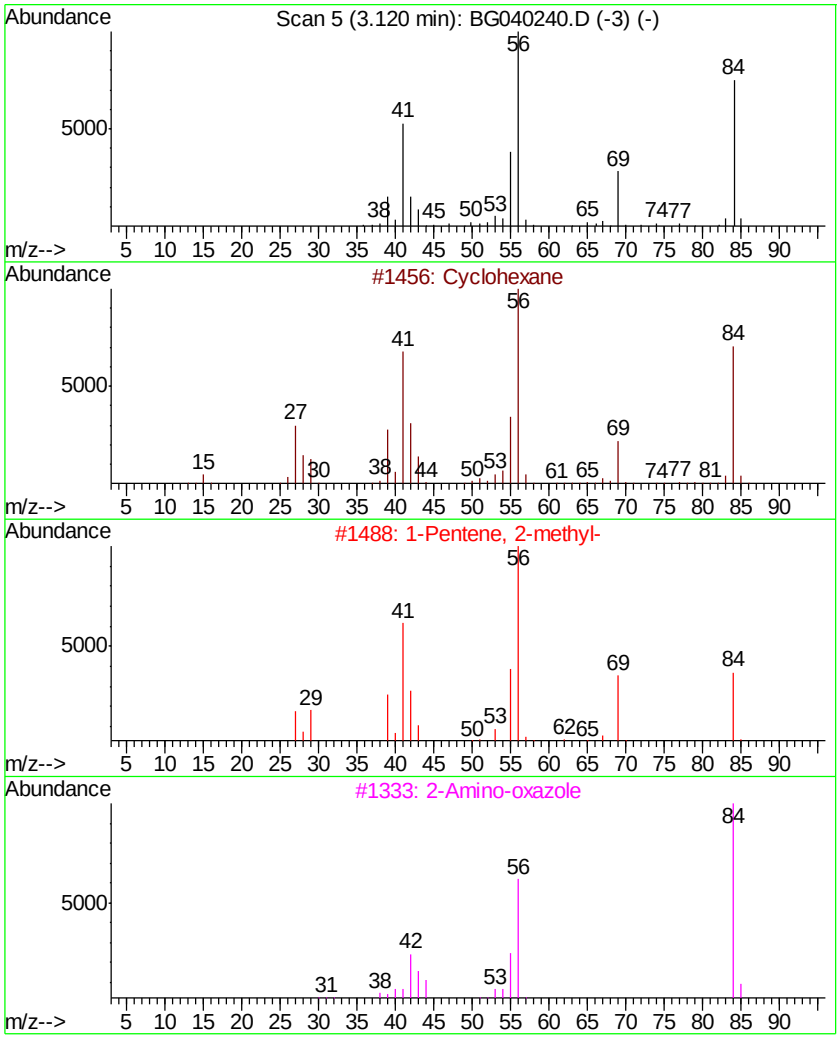
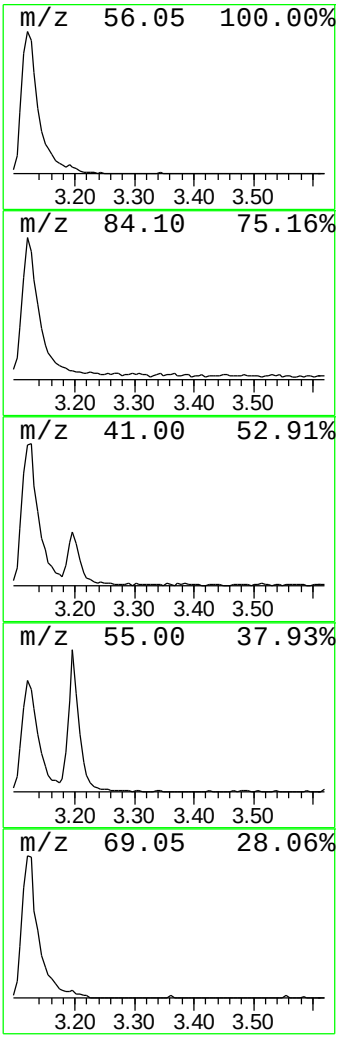
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	14.97 ng	273633	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	86
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50
3	2-Amino-oxazole	84	C3H4N2O	004570-45-0	43
4	Cyclopropane, propyl-	84	C6H12	002415-72-7	43
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	38





Library Search Compound Report

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Data File : BG040240.D
Acq On : 30 Mar 2019 00:36
Operator : JU/SJ
Sample : K2111-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S7A(4-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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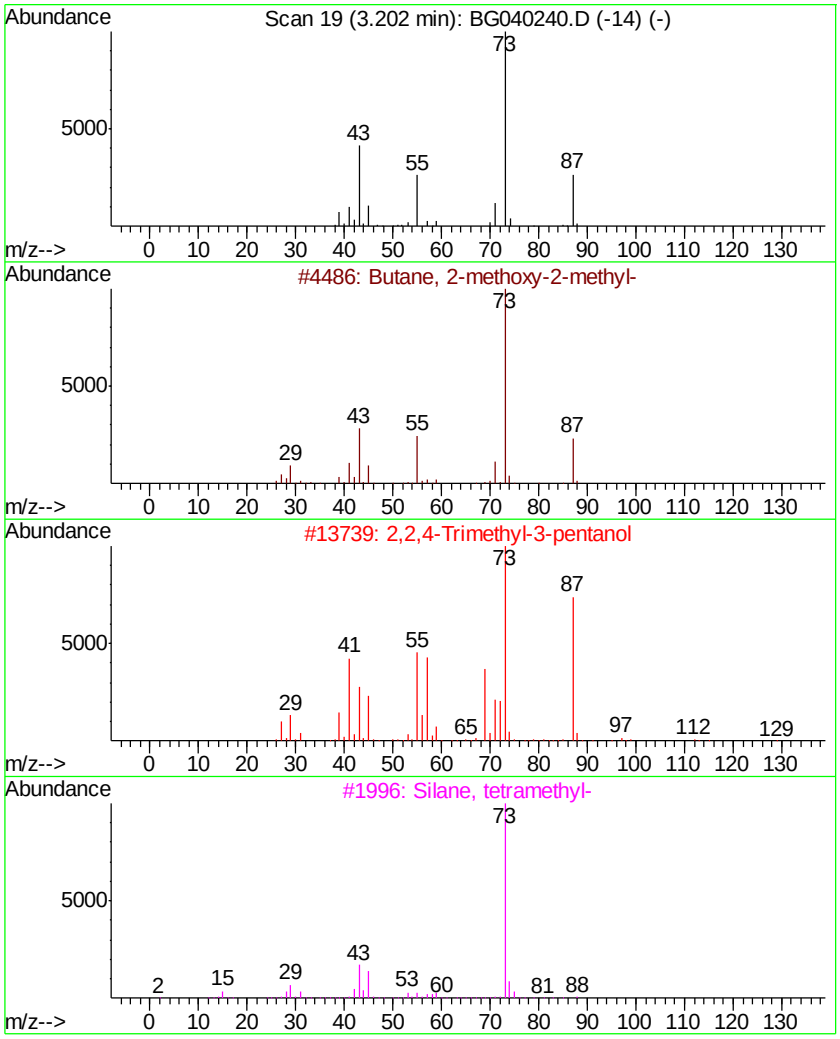
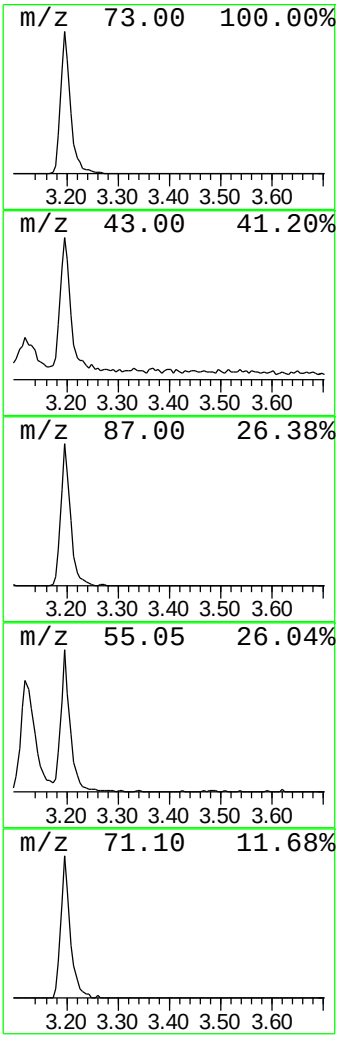
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	14.51 ng	265359	1,4-Dichlorobenzene-d4	8.06

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	5





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
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Acq On : 30 Mar 2019 00:36
Operator : JU/SJ
Sample : K2111-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S7A(4-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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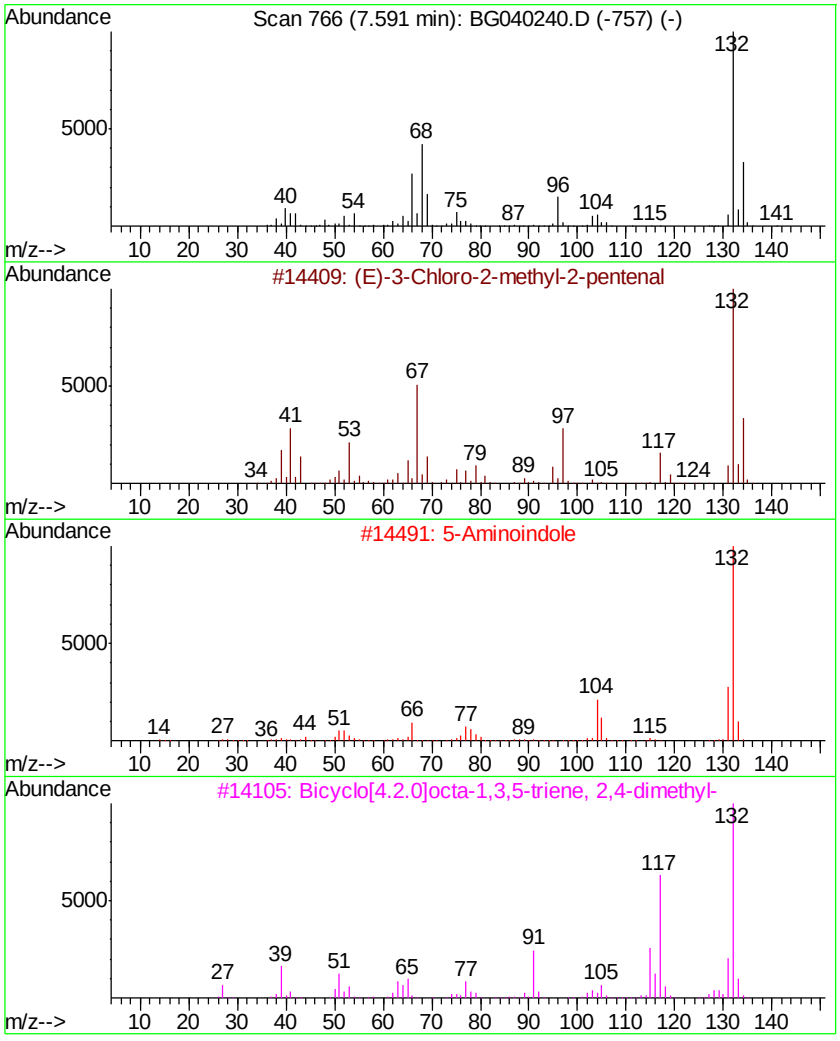
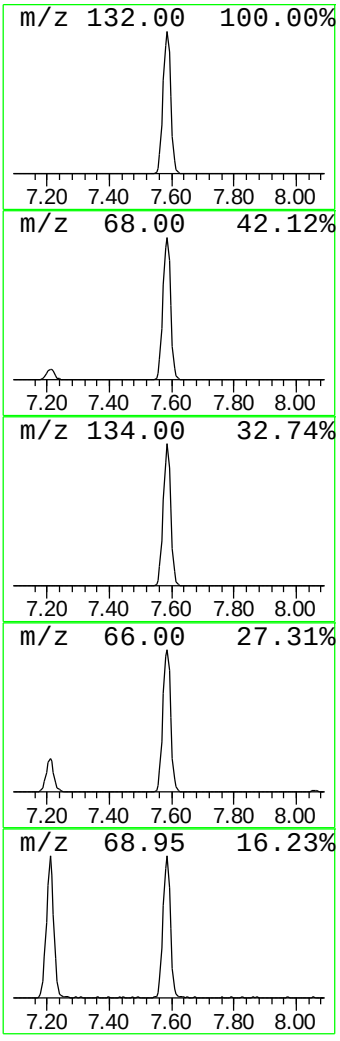
Peak Number 3 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	113.17 ng	2068980	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Xenon	132	Xe	007440-63-3	9





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Operator : JU/SJ
Sample : K2111-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S7A(4-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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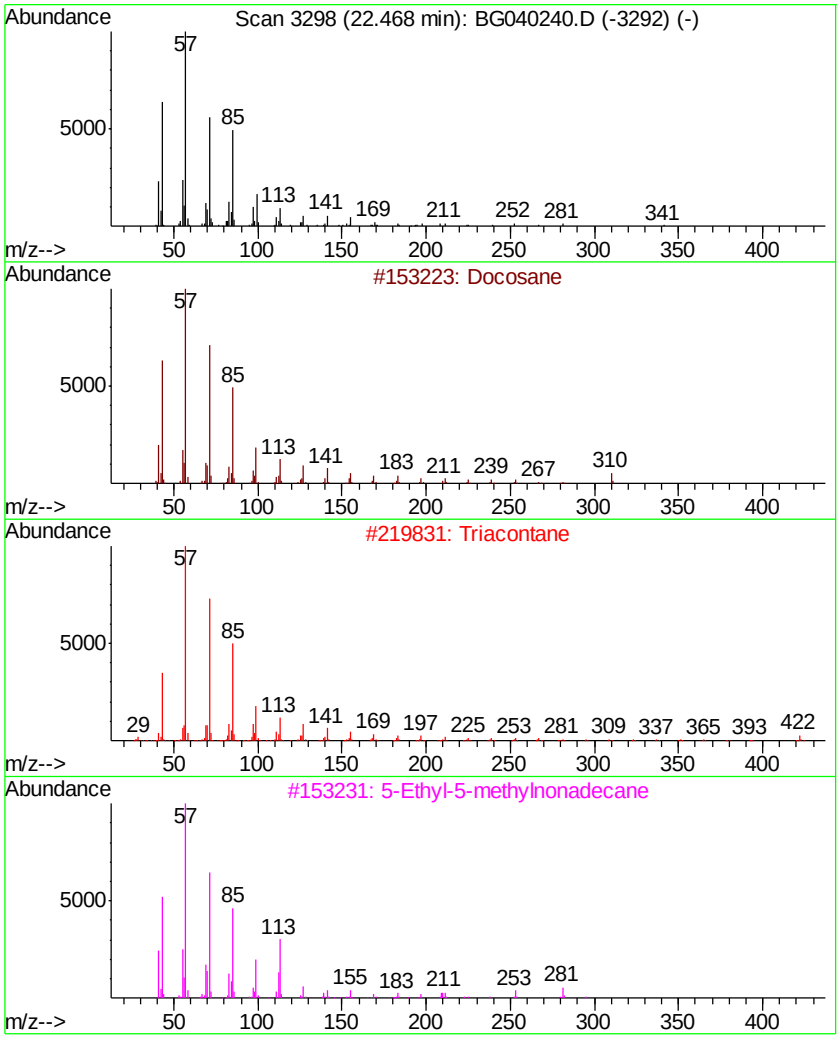
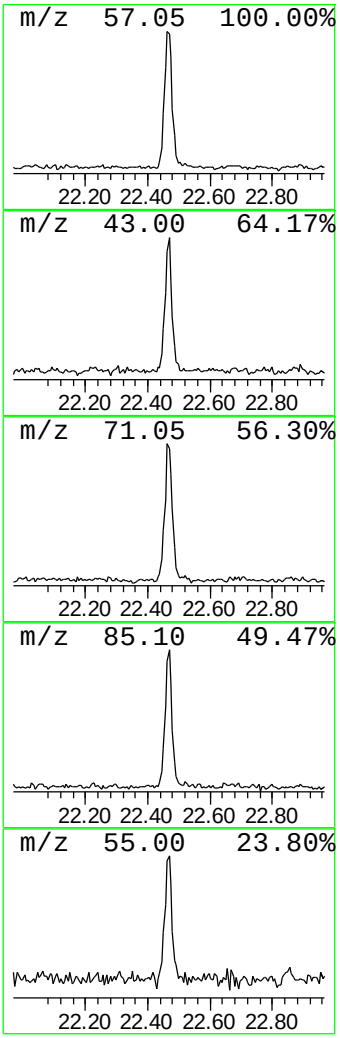
Peak Number 5 Docosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.47	2.66 ng	165958	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	87
2	Triacontane	422	C30H62	000638-68-6	86
3	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	83
4	Heptacosane	380	C27H56	000593-49-7	81
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	81





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Misc :
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Instrument : BNA_G
ClientSampleId : S7A(4-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
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TIC Library : C:\Database\NIST11.L
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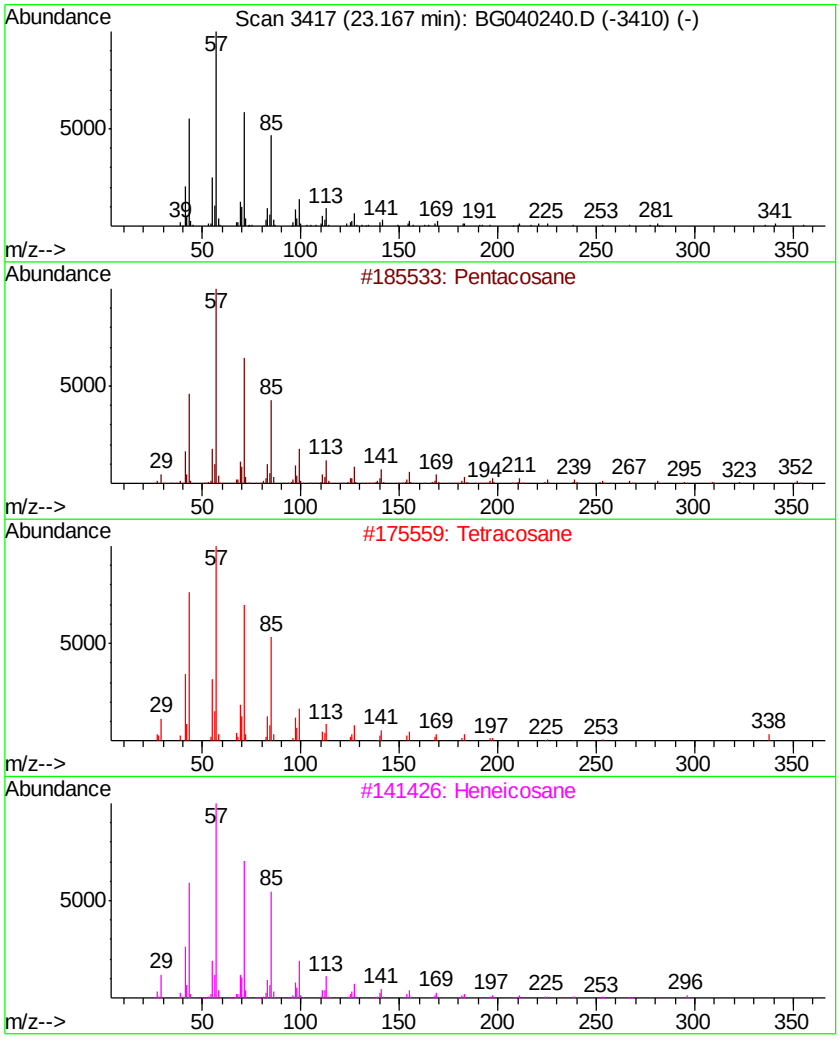
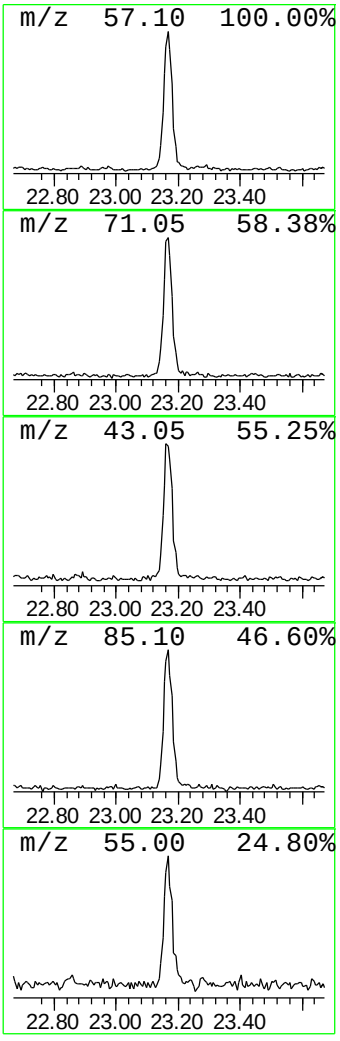
****

Peak Number 6 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	4.11 ng	256688	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Hexadecane	226	C16H34	000544-76-3	87





Library Search Compound Report

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Operator : JU/SJ
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Misc :
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Instrument : BNA_G
ClientSampleId : S7A(4-20)COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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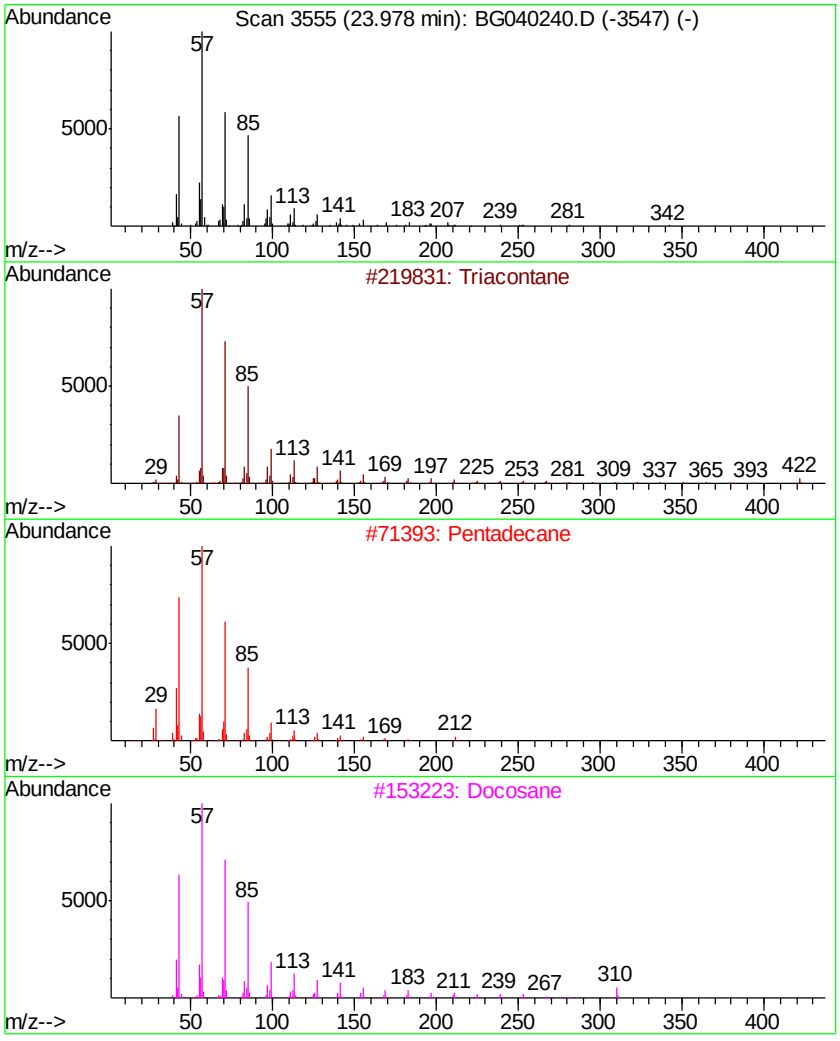
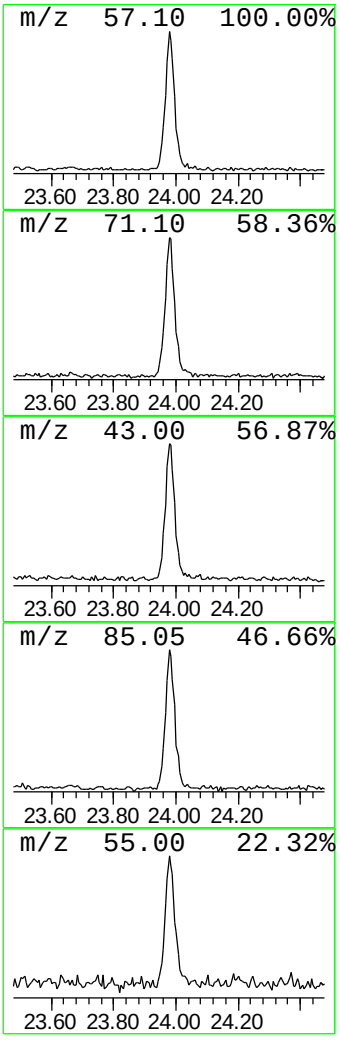
Peak Number 7 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	4.31 ng	266258	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Docosane	310	C22H46	000629-97-0	90
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
5	Octacosane	394	C28H58	000630-02-4	81





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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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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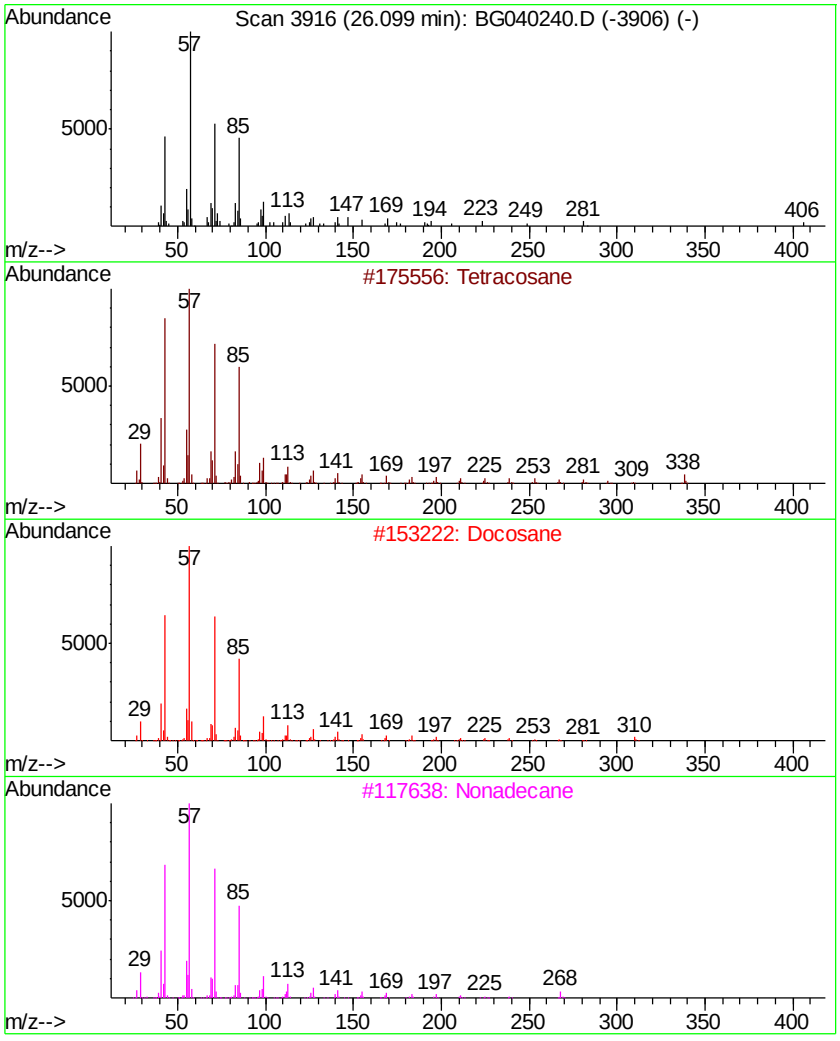
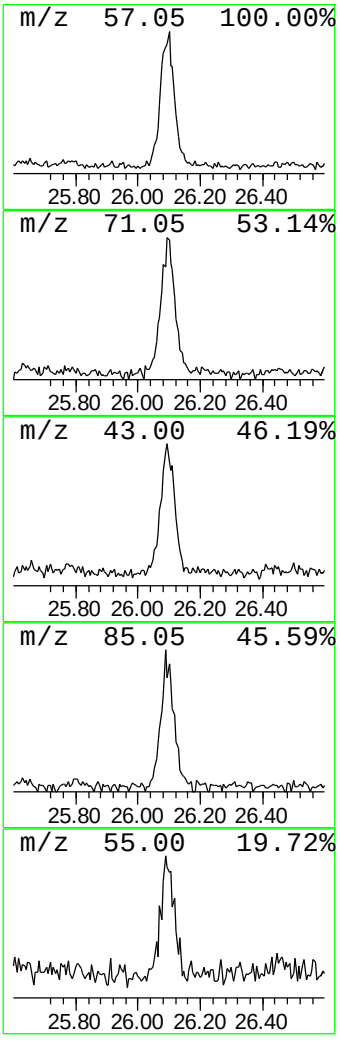
Peak Number 8 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.10	2.25 ng	138828	Perylene-d12	25.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	86
2	Docosane	310	C22H46	000629-97-0	80
3	Nonadecane	268	C19H40	000629-92-5	80
4	Heptadecane	240	C17H36	000629-78-7	80
5	Octadecane	254	C18H38	000593-45-3	80





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-methyl-	3.12	15.0	ng	273633	1	8.06	365656	20.0
Butane, 2-methoxy...	3.20	14.5	ng	265359	1	8.06	365656	20.0
unknown7.59	7.59	113.2	ng	2068980	1	8.06	365656	20.0
Docosane	22.47	2.7	ng	165958	5	21.71	1250040	20.0
Pentacosane	23.17	4.1	ng	256688	5	21.71	1250040	20.0
Triacontane	23.98	4.3	ng	266258	6	25.01	1235310	20.0
Tetracosane	26.10	2.3	ng	138828	6	25.01	1235310	20.0