LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104718.D
Acq On : 23 Apr 2018 19:07
Operator : JU/SJ
Sample : J2503-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONCRETE

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:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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	4.375	385	389	398	rBV	100004	118799	5.37%	0.707%
2	5.010	492	497	506	rBV	381436	447108	20.21%	2.662%
3	5.428	564	568	582	rBV	1354607	1234674	55.80%	7.352%
4	6.451	737	742	760	rBV	2100879	1987410	89.83%	11.834%
5	6.581	760	764	767	rBV	1809462	1517925	68.61%	9.039%
6	6.804	799	802	806	rBV	751734	648304	29.30%	3.860%
7	6.963	825	829	832	rBV	2078077	1705412	77.08%	10.155%
8	7.375	894	899	902	rBV	1250585	1121575	50.69%	6.679%
9	8.092	1017	1021	1037	rBV	973129	835068	37.74%	4.972%
10	9.169	1200	1204	1207	rBV	2526196	2212520	100.00%	13.175%
11	9.563	1266	1271	1279	rBV	99599	99599	4.50%	0.593%
12	9.769	1303	1306	1310	rBV	61848	49302	2.23%	0.294%
13	9.851	1316	1320	1327	rBV	830729	811312	36.67%	4.831%
14	10.269	1388	1391	1394	rVB	78791	59711	2.70%	0.356%
15	10.639	1452	1454	1464	rBV	75423	76952	3.48%	0.458%
16	10.745	1469	1472	1477	rBV	66330	68256	3.08%	0.406%
17	11.339	1569	1573	1587	rBV	790842	712133	32.19%	4.240%
18	12.316	1733	1739	1745	rBV7	8638	24609	1.11%	0.147%
19	12.733	1808	1810	1817	rVB2	31611	38121	1.72%	0.227%
20	12.927	1838	1843	1846	rBV	1923367	1764523	79.75%	10.507%
21	13.815	1991	1994	1998	rBV	49497	53038	2.40%	0.316%
22	13.986	2019	2023	2030	rVB	546259	514388	23.25%	3.063%
23	14.757	2151	2154	2155	rBV3	38876	47489	2.15%	0.283%
24	14.792	2156	2160	2164	rVV3	90869	160368	7.25%	0.955%
25	15.086	2208	2210	2214	rVB2	33427	32096	1.45%	0.191%
26	15.462	2269	2274	2279	rBV	297208	388572	17.56%	2.314%
27	15.892	2345	2347	2351	rVB	53084	64489	2.91%	0.384%

Sum of corrected areas: 16793753

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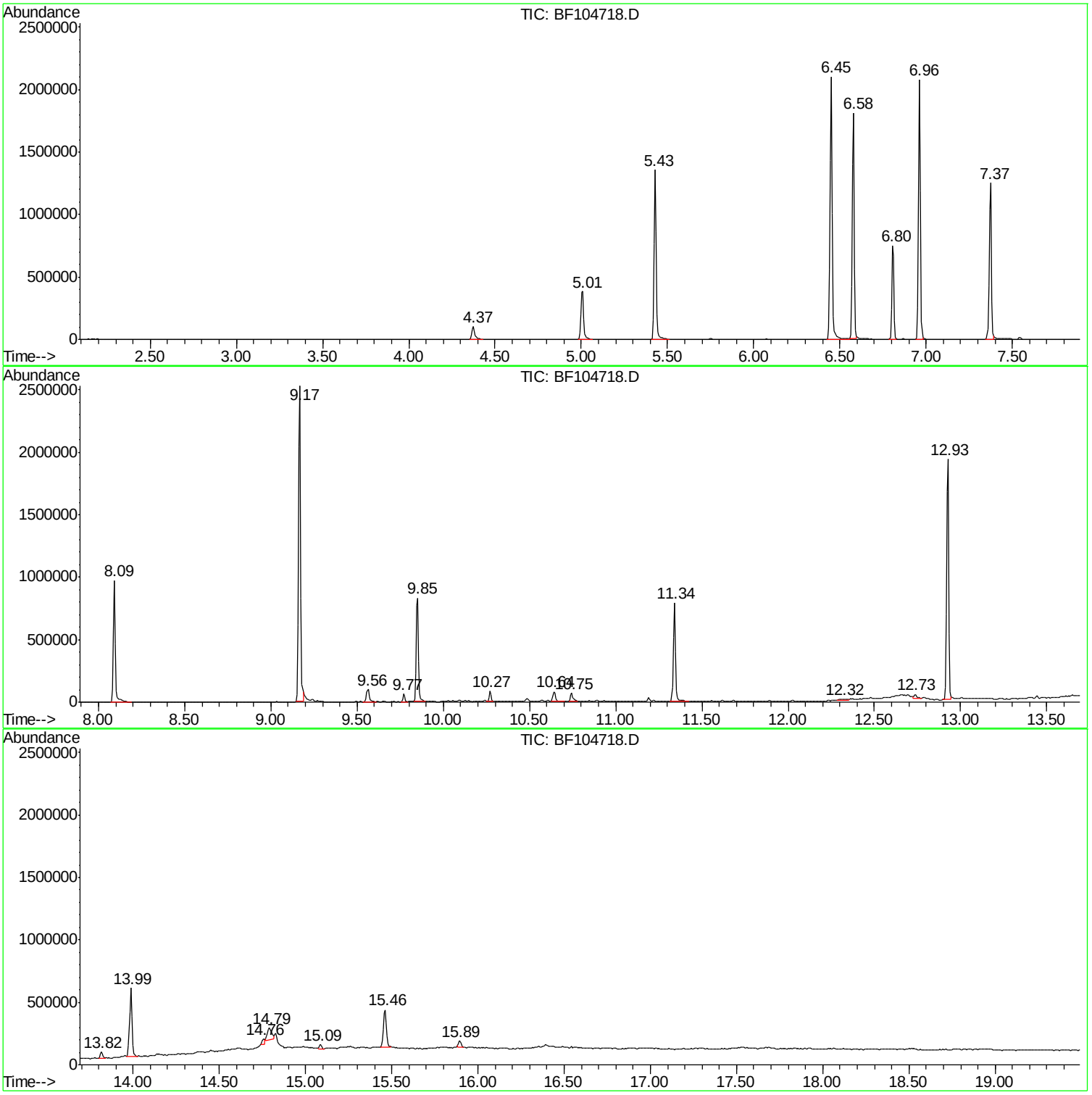
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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Data File : BF104718.D
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Sample : J2503-03
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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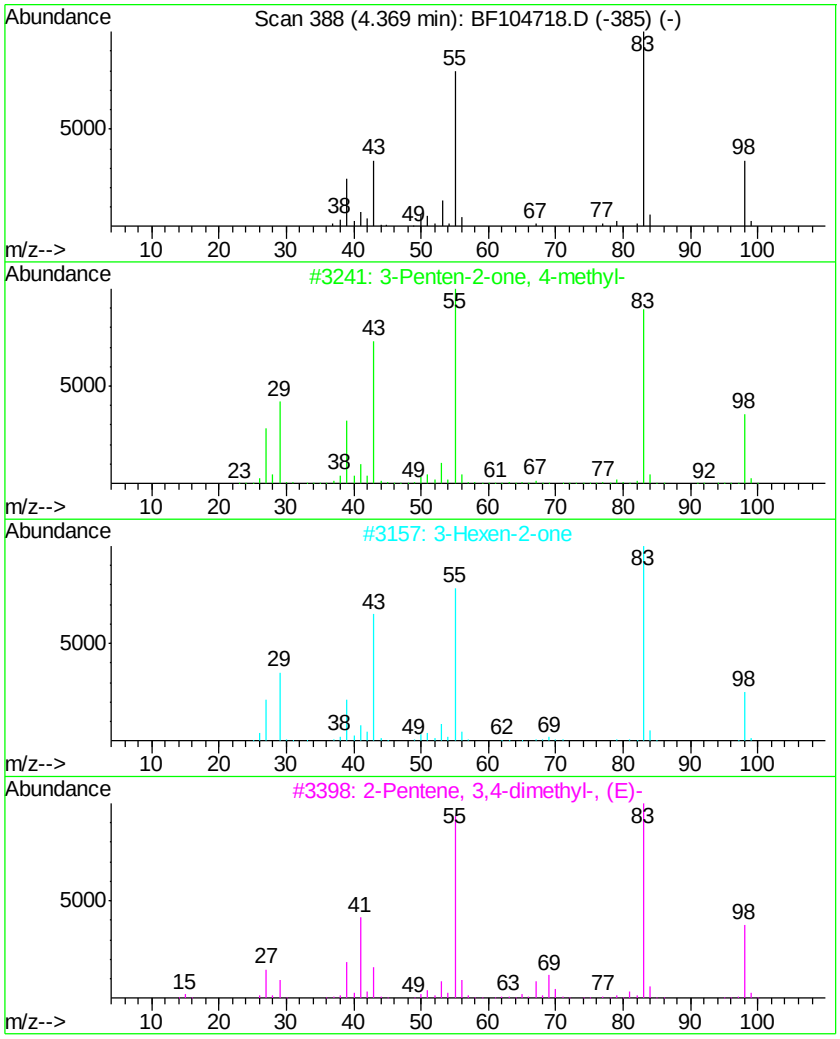
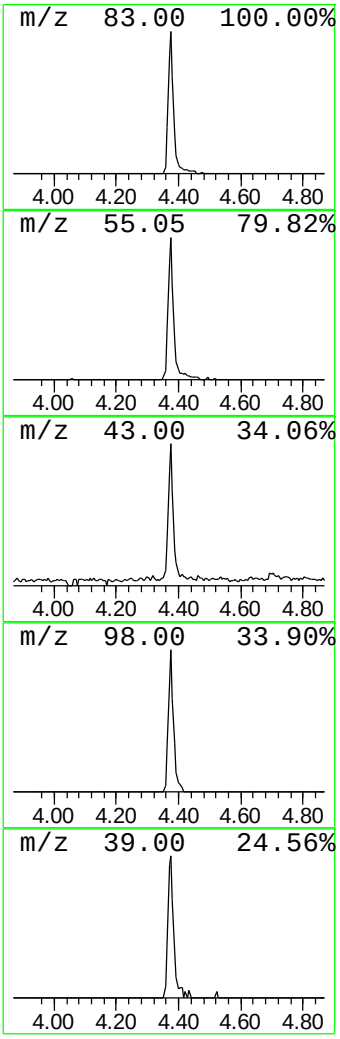
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	3.66 ng	118799	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78





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Acq On : 23 Apr 2018 19:07
Operator : JU/SJ
Sample : J2503-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONCRETE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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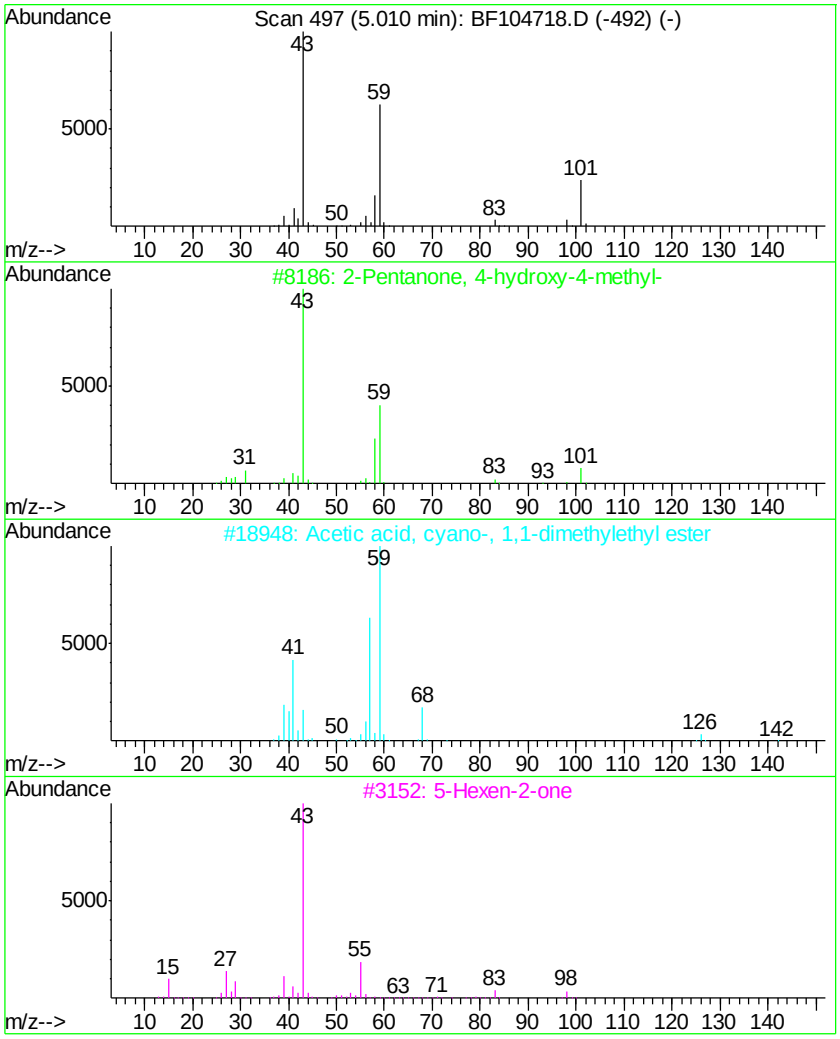
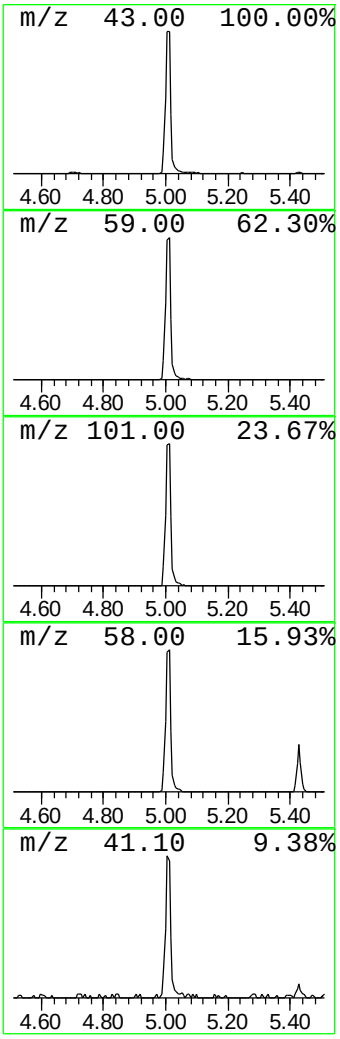
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	13.79 ng	447108	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104718.D
Acq On : 23 Apr 2018 19:07
Operator : JU/SJ
Sample : J2503-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONCRETE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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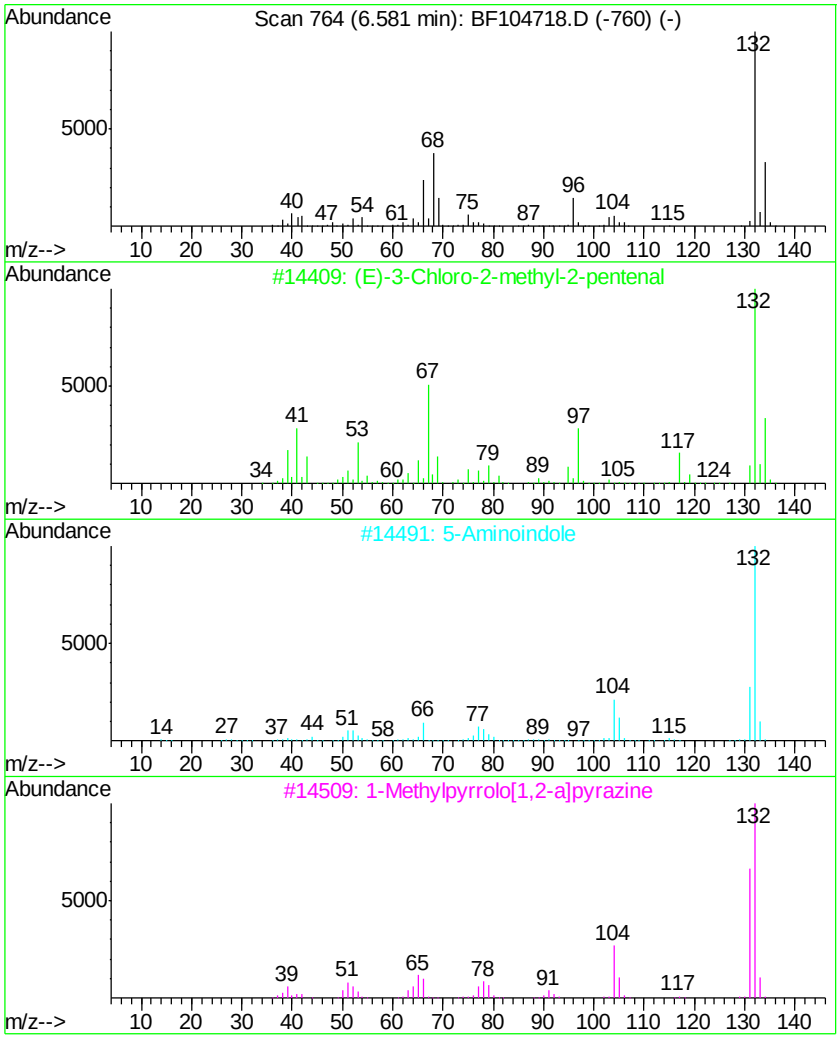
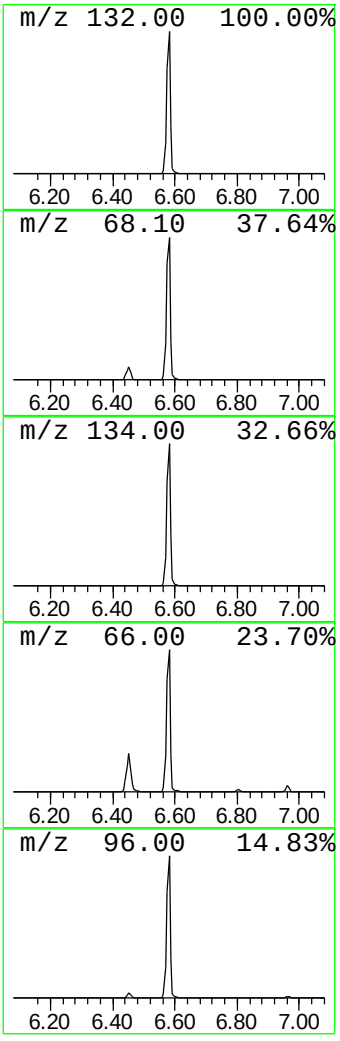
Peak Number 3 unknown6.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	46.83 ng	1517930	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104718.D
Acq On : 23 Apr 2018 19:07
Operator : JU/SJ
Sample : J2503-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONCRETE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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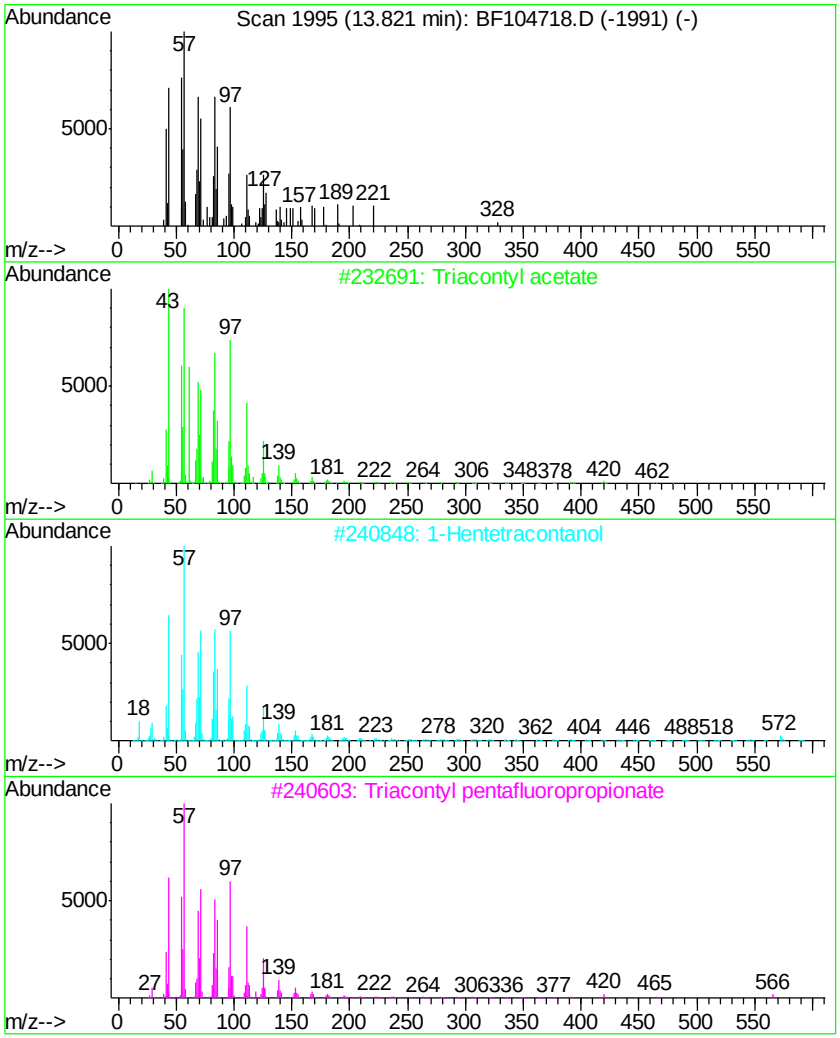
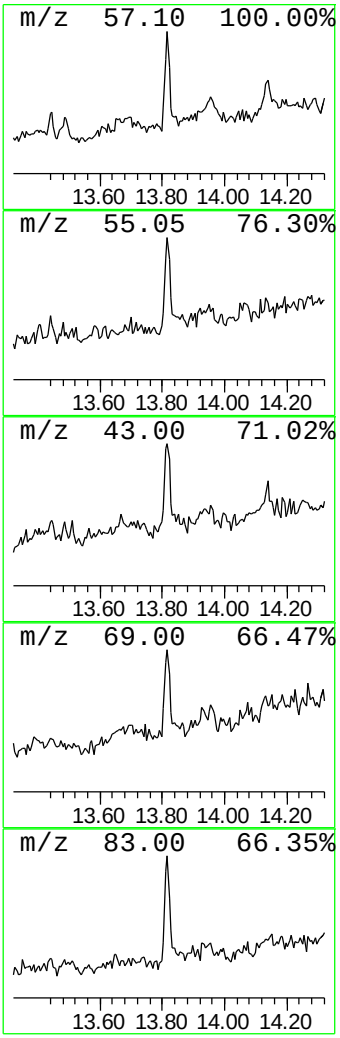
Peak Number 5 Triacontyl acetate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.06 ng	53038	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontyl acetate	480	C32H64O2	041755-58-2	91
2	1-Hentetracontanol	593	C41H84O	040710-42-7	91
3	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	90
4	Triacontyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	90
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90





Library Search Compound Report

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Sample : J2503-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONCRETE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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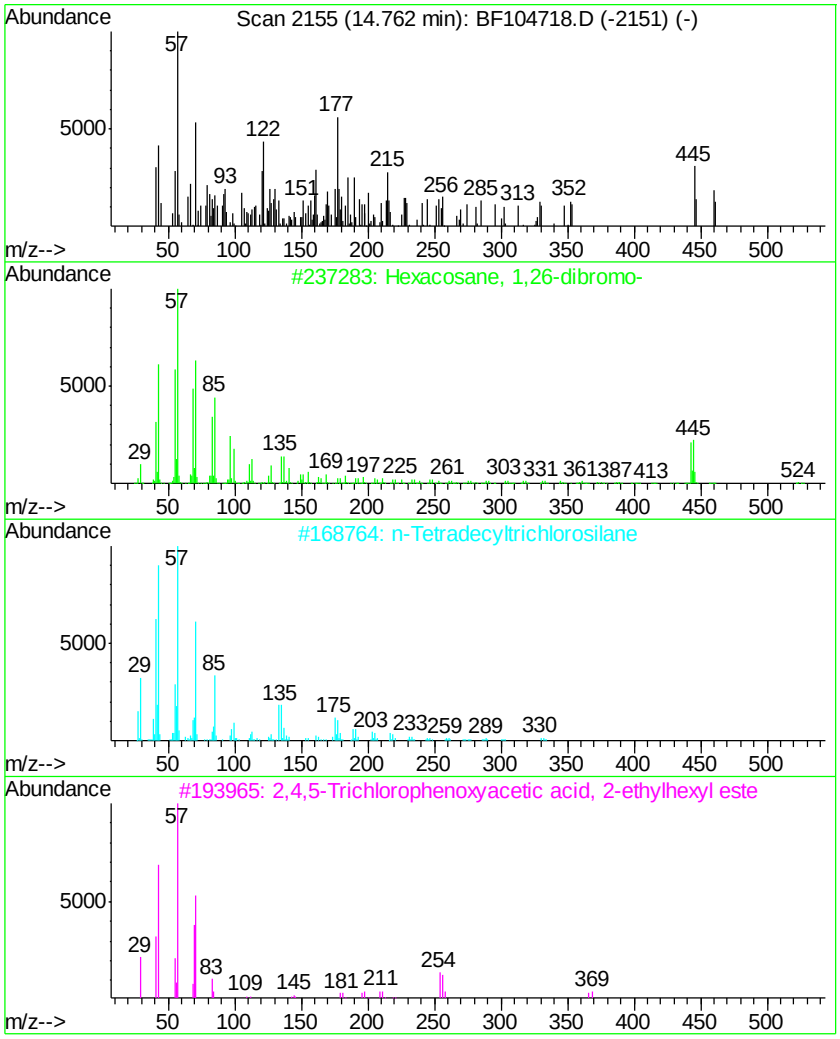
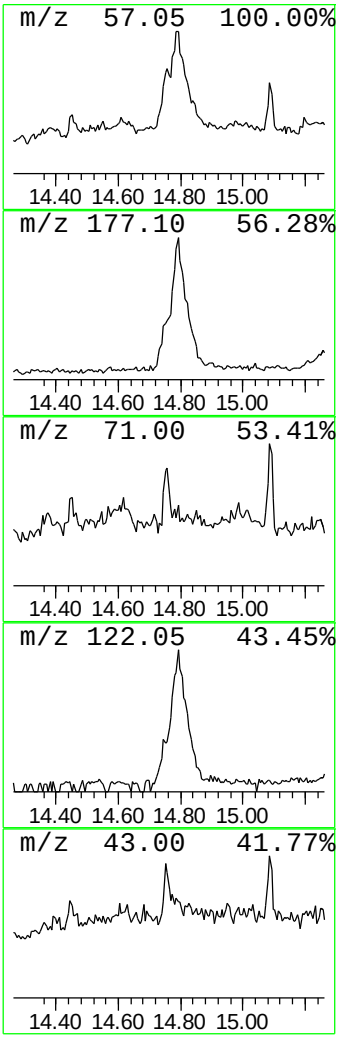
Peak Number 6 unknown14.76 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.44 ng	47489	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane, 1,26-dibromo-	522	C26H52Br2	143389-26-8	37
2	n-Tetradecyltrichlorosilane	330	C14H29Cl3Si	018402-22-7	23
3	2,4,5-Trichlorophenoxyacetic aci...	366	C16H21Cl3O3	001928-47-8	10
4	Guanidine, 2-benzyl-1,3-dimethyl-	177	C10H15N3	000055-73-2	10
5	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	9





Library Search Compound Report

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Acq On : 23 Apr 2018 19:07
Operator : JU/SJ
Sample : J2503-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONCRETE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
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TIC Library : C:\DATABASE\NIST11.L
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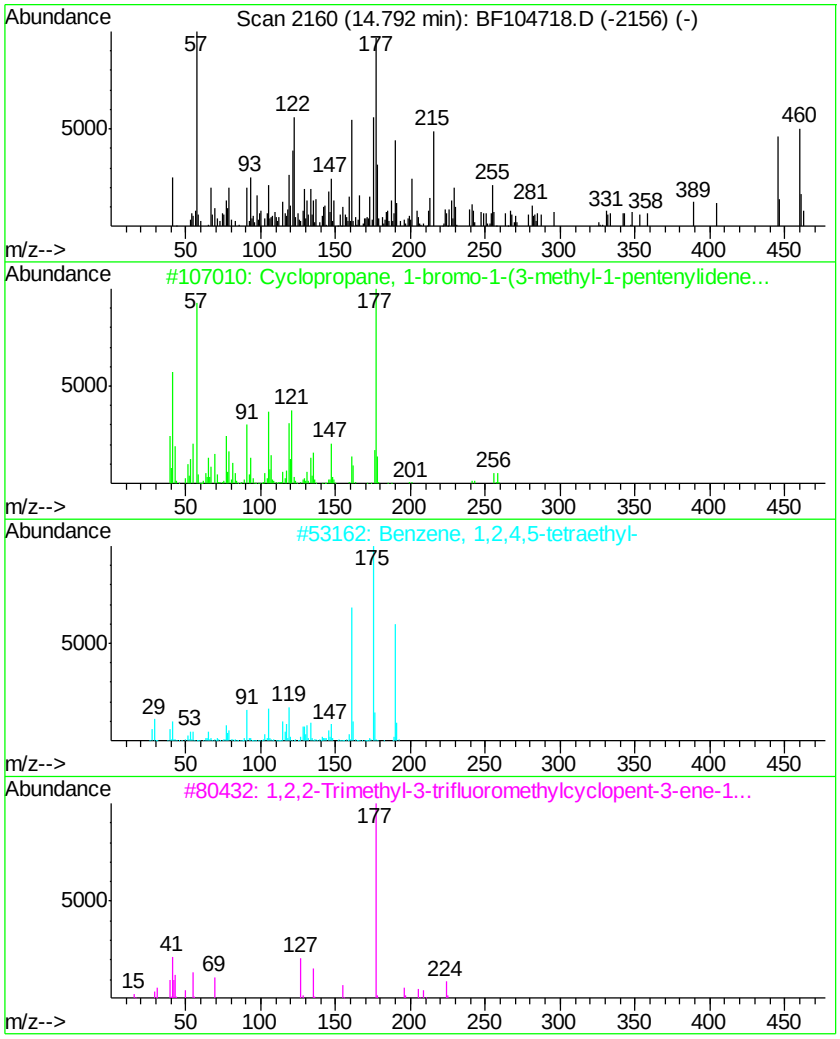
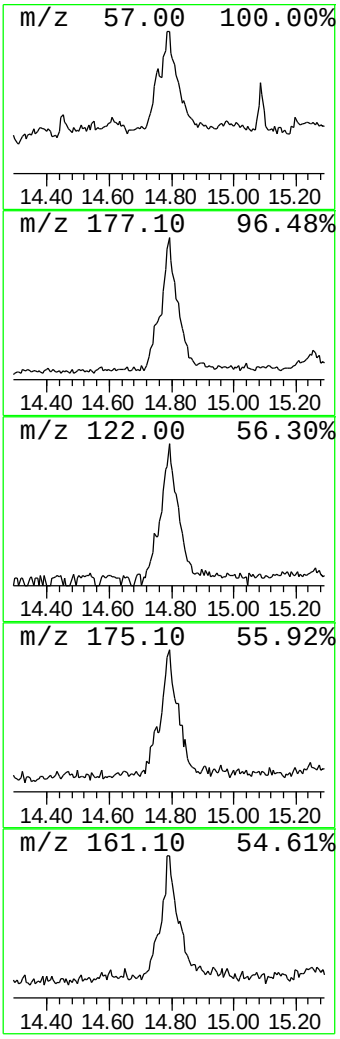
Peak Number 7 unknown14.79 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	8.25 ng	160368	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-bromo-1-(3-methy...	256	C13H21Br	1000271-74-7	25
2	Benzene, 1,2,4,5-tetraethyl-	190	C14H22	000635-81-4	22
3	1,2,2-Trimethyl-3-trifluoromethy...	224	C10H12F4O	1000322-33-7	11
4	5-Aminomethylene-6-hydroxy-4-met...	177	C8H7N3O2	1000223-27-4	11
5	2,3,5,6-Tetramethylbenzamide	177	C11H15NO	099858-56-7	11





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Data File : BF104718.D
Acq On : 23 Apr 2018 19:07
Operator : JU/SJ
Sample : J2503-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CONCRETE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.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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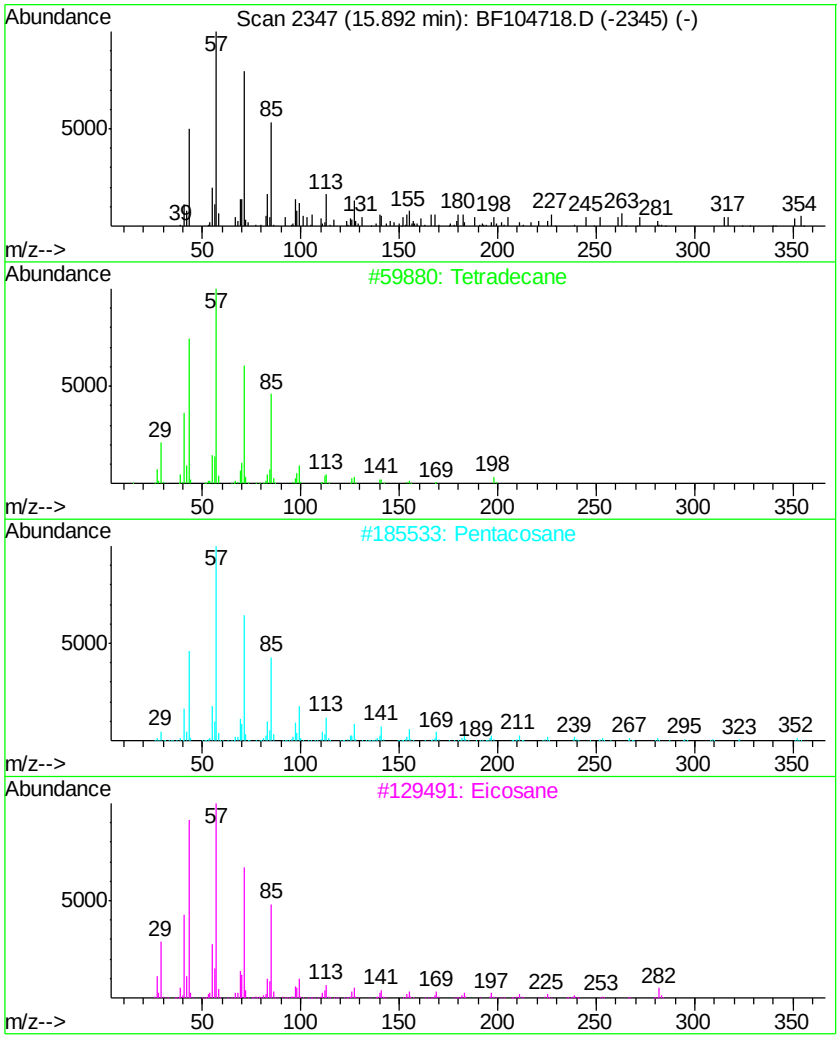
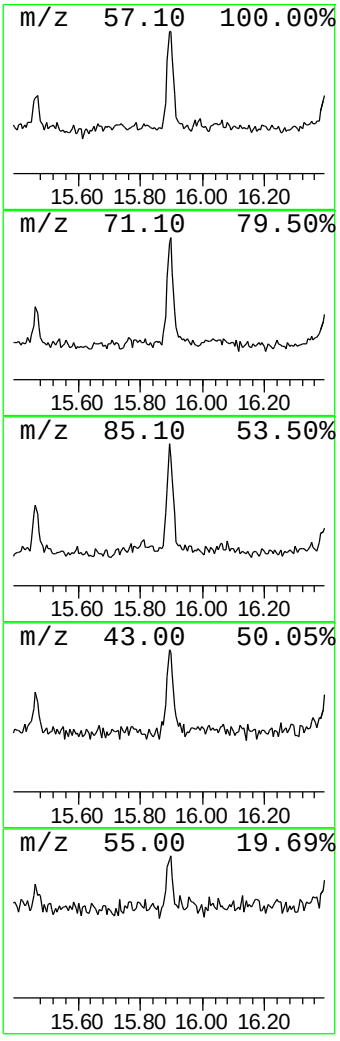
Peak Number 8 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	3.32 ng	64489	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	68
2	Pentacosane	352	C25H52	000629-99-2	64
3	Eicosane	282	C20H42	000112-95-8	64
4	Tetracosane	338	C24H50	000646-31-1	64
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64





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
3-Penten-2-one, 4...	4.37	3.7	ng	118799	1	6.80	648304	20.0
2-Pentanone, 4-hy...	5.01	13.8	ng	447108	1	6.80	648304	20.0
unknown6.58	6.58	46.8	ng	1517930	1	6.80	648304	20.0
Triacontyl acetate	13.82	2.1	ng	53038	5	13.99	514388	20.0
unknown14.76	14.76	2.4	ng	47489	6	15.46	388572	20.0
unknown14.79	14.79	8.3	ng	160368	6	15.46	388572	20.0
Tetradecane	15.89	3.3	ng	64489	6	15.46	388572	20.0