LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122619\
Data File : BF118316.D
Acq On : 26 Dec 2019 15:07
Operator : JU
Sample : K6438-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-BF002-01

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-BF122419.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	4.422	393	397	415	rBV	72198	98505	2.74%	0.373%
2	5.046	499	503	517	rVB	376460	461775	12.85%	1.749%
3	5.463	570	574	595	rBV	2225665	2146319	59.72%	8.129%
4	6.481	743	747	766	rBV	2555075	2326492	64.73%	8.812%
5	6.616	766	770	774	rBV	2693145	2458045	68.39%	9.310%
6	6.851	806	810	818	rVB	677138	603528	16.79%	2.286%
7	7.004	832	836	849	rBV	2371619	1921489	53.46%	7.278%
8	7.416	901	906	922	rBV	1366172	1406807	39.14%	5.328%
9	8.134	1025	1028	1046	rBV	858796	806771	22.45%	3.056%
10	9.216	1208	1212	1215	rBV	3407732	2942282	81.87%	11.144%
11	9.610	1275	1279	1293	rVB	349424	310254	8.63%	1.175%
12	9.898	1324	1328	1336	rBV	1119017	981970	27.32%	3.719%
13	10.686	1459	1462	1476	rBV	2173050	2119379	58.97%	8.027%
14	11.386	1578	1581	1589	rBV	1091244	1056480	29.40%	4.002%
15	11.916	1667	1671	1683	rBV2	182084	242128	6.74%	0.917%
16	12.704	1802	1805	1813	rBV2	27223	48035	1.34%	0.182%
17	12.980	1847	1852	1855	rBV	4136852	3593937	100.00%	13.612%
18	13.874	2000	2004	2021	rBV	295221	470660	13.10%	1.783%
19	14.039	2028	2032	2042	rVB	982828	888162	24.71%	3.364%
20	14.192	2053	2058	2070	rBV	52730	63842	1.78%	0.242%
21	14.498	2106	2110	2122	rBV3	87126	174246	4.85%	0.660%
22	14.810	2157	2163	2167	rBV2	83855	92839	2.58%	0.352%
23	15.151	2217	2221	2225	rBV	73178	85954	2.39%	0.326%
24	15.527	2280	2285	2296	rVB	723488	933964	25.99%	3.537%
25	15.974	2357	2361	2367	rBV2	45962	71945	2.00%	0.272%
26	16.045	2369	2373	2382	rVV8	19726	54269	1.51%	0.206%
27	16.486	2444	2448	2452	rBV2	24784	41838	1.16%	0.158%

Sum of corrected areas: 26401915

LSC Report - Integrated Chromatogram

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Misc :
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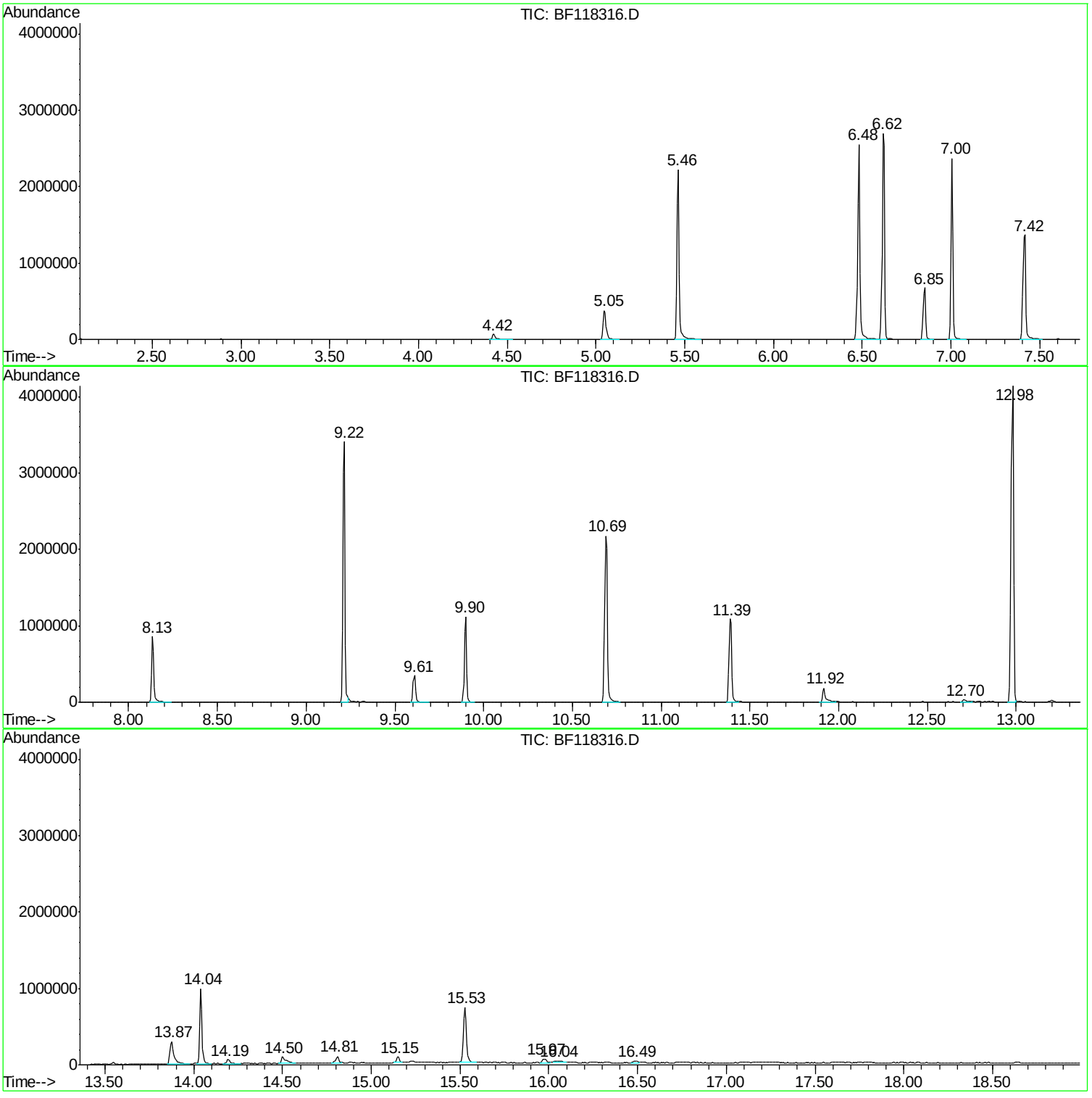
Instrument :
BNA_F
ClientSampleId :
DUNR-BF002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

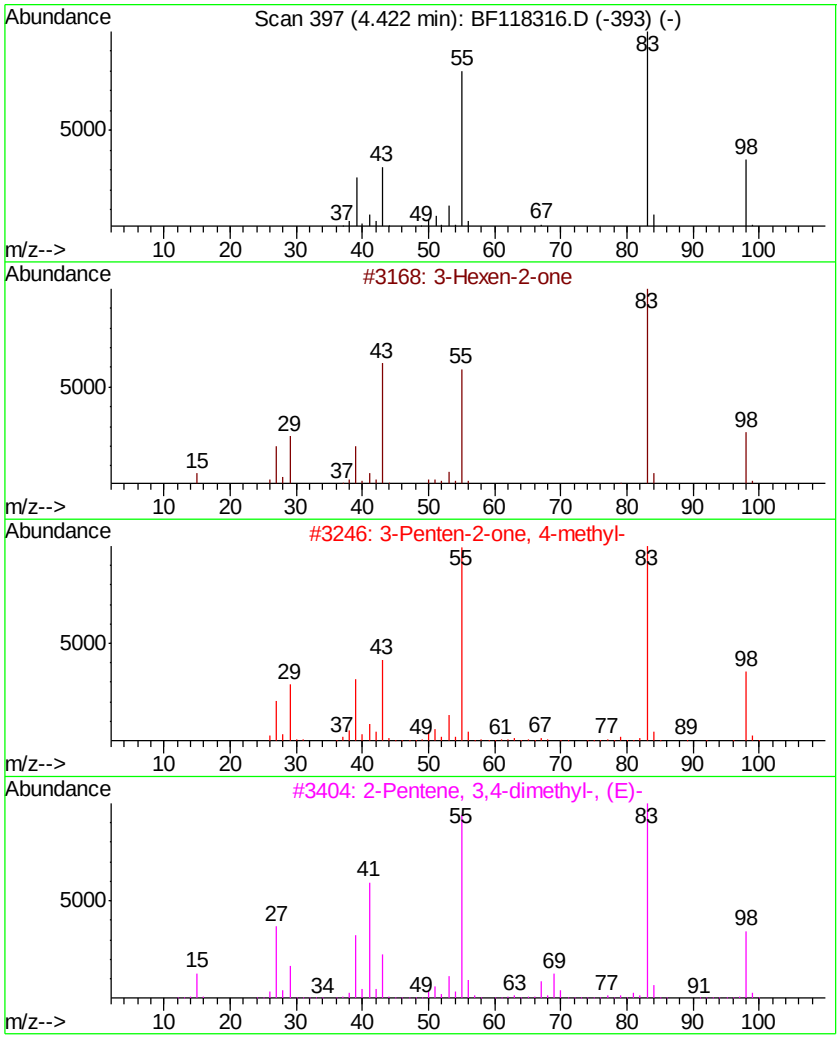
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

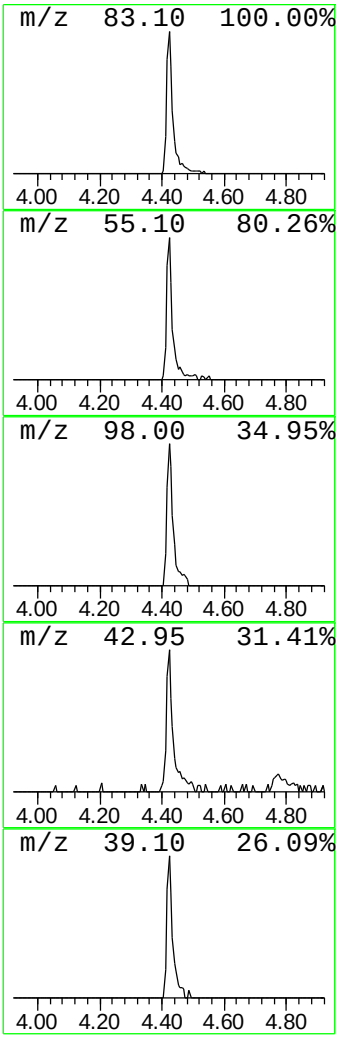
****

Peak Number 1 3-Hexen-2-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	3.26 ng	98505	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	87
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUNR-BF002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.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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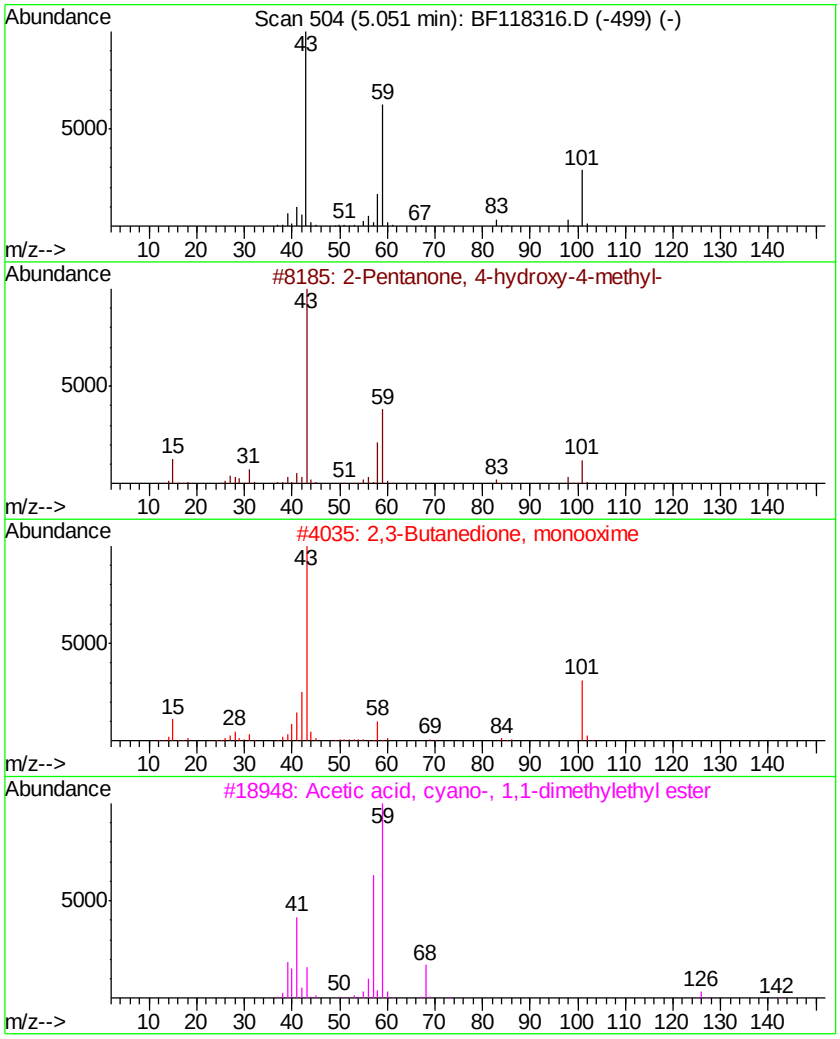
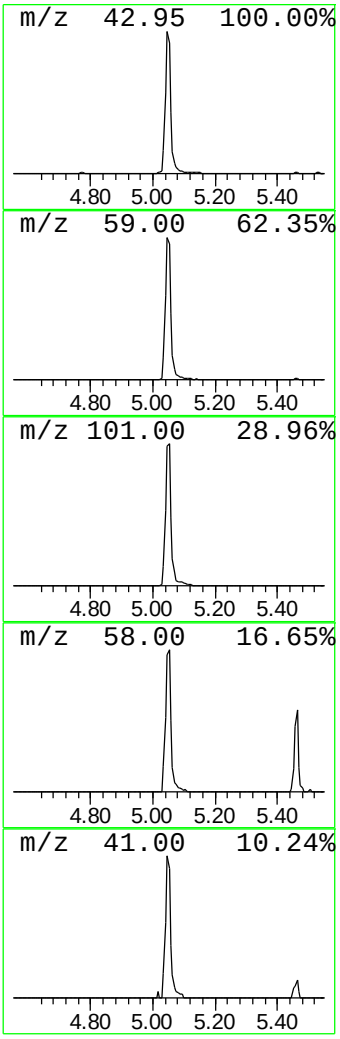
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	15.30 ng	461775	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Misc :
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Instrument : BNA_F
ClientSampleId : DUNR-BF002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
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TIC Library : C:\DATABASE\NIST11.L
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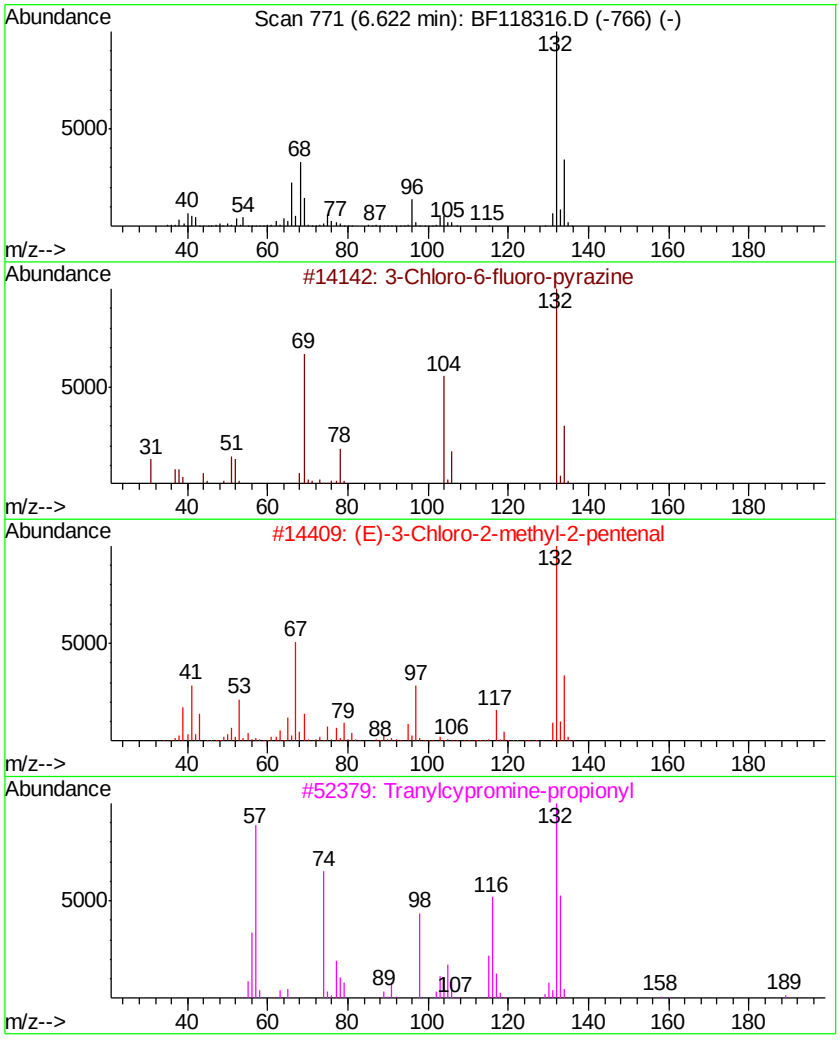
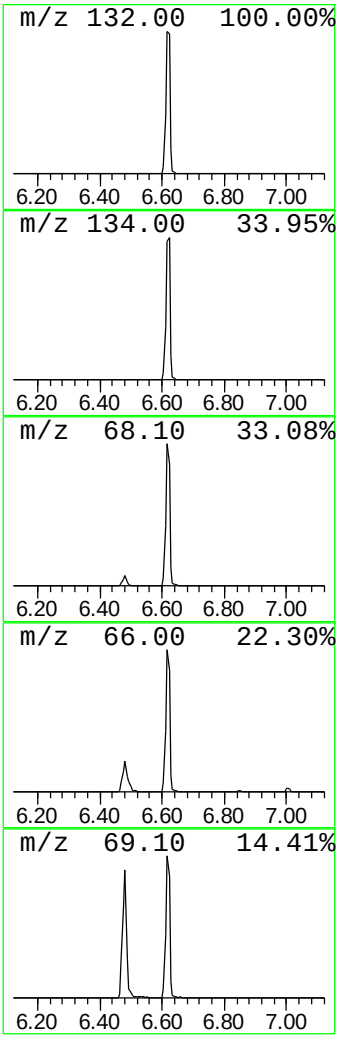
Peak Number 3 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	81.46 ng	2458050	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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ClientSampleId : DUNR-BF002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
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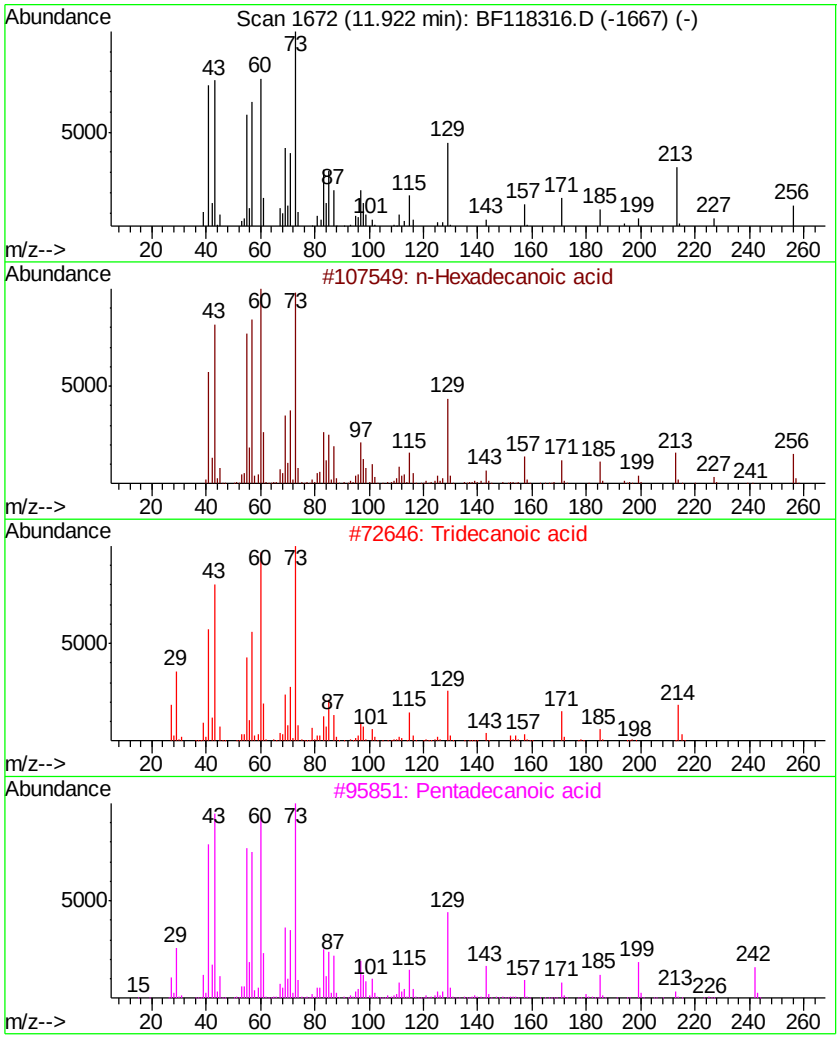
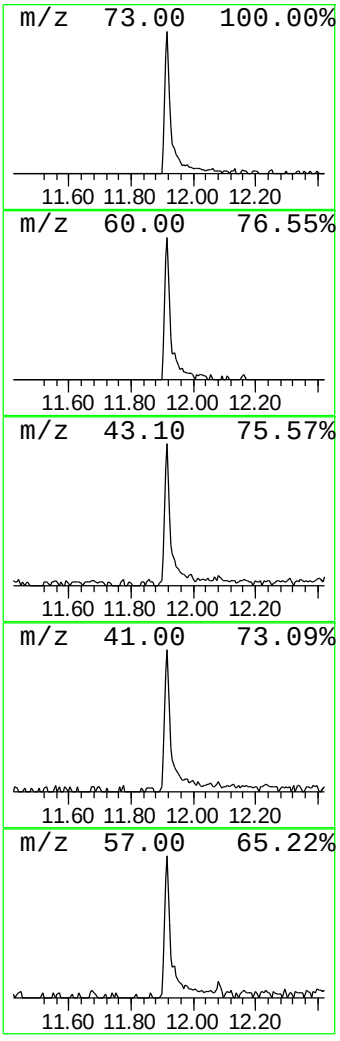
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.58 ng	242128	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Undecanoic acid	186	C11H22O2	000112-37-8	62
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Library Search Compound Report

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ClientSampleId : DUNR-BF002-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
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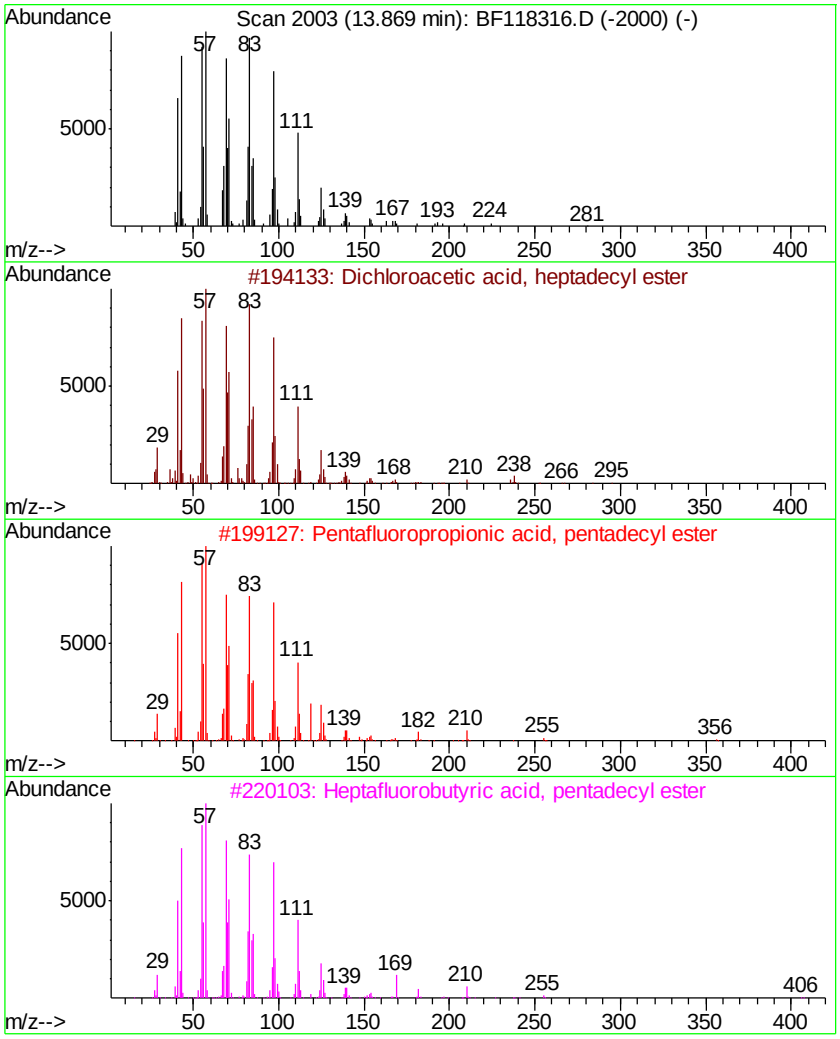
TIC Integration Parameters: LSCINT.P

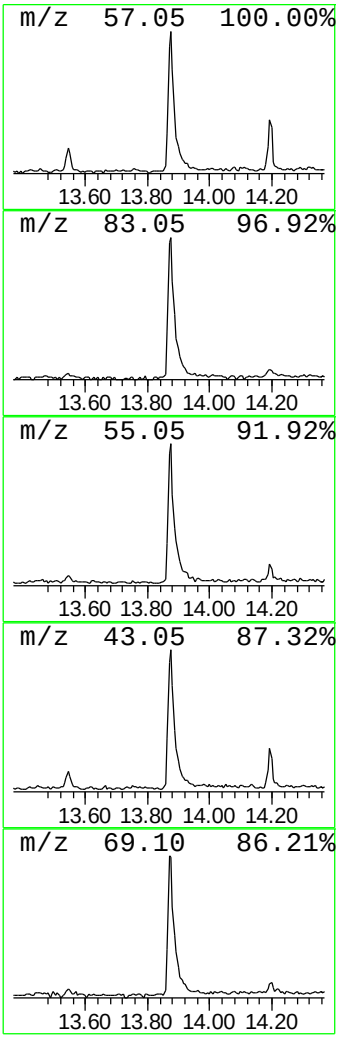
****

Peak Number 6 Dichloroacetic acid, heptad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	10.60 ng	470660	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





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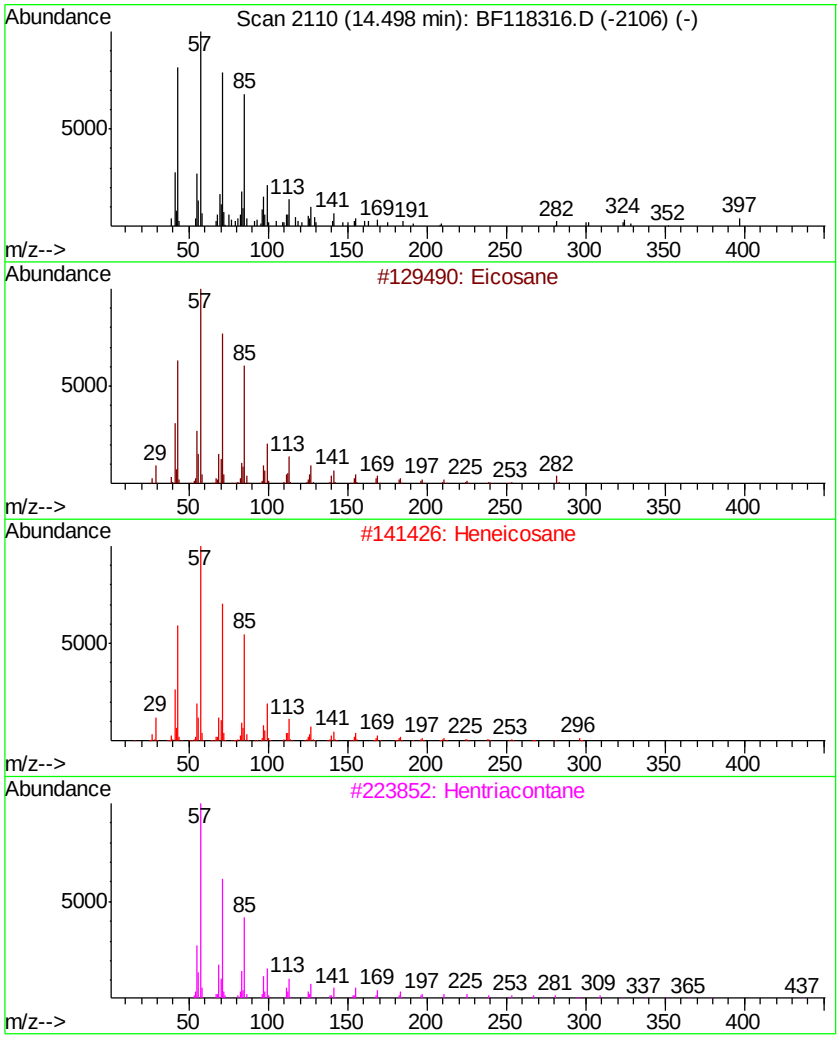
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

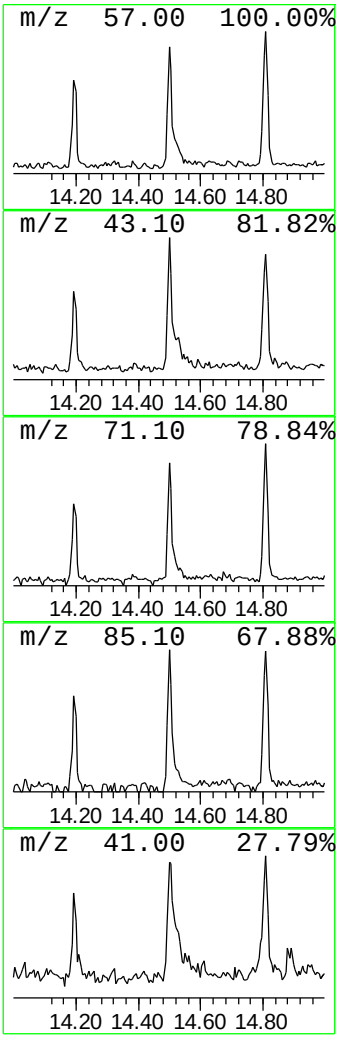
****

Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	3.92 ng	174246	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Hexacosane	366	C26H54	000630-01-3	91





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-Hexen-2-one	4.42	3.3	ng	98505	1	6.85	603528	20.0
2-Pentanone, 4-hy...	5.05	15.3	ng	461775	1	6.85	603528	20.0
unknown6.62	6.62	81.5	ng	2458050	1	6.85	603528	20.0
n-Hexadecanoic acid	11.92	4.6	ng	242128	4	11.39	1056480	20.0
Dichloroacetic ac...	13.87	10.6	ng	470660	5	14.04	888162	20.0
Eicosane	14.50	3.9	ng	174246	5	14.04	888162	20.0