LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
Data File : BF112353.D
Acq On : 1 Feb 2019 16:02
Operator : JU/SJ
Sample : K1299-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0041-FIELD-DUP

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-BF012519.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	2.140	5	9	19	rVB	138601	194565	5.41%	0.576%
2	5.063	502	506	520	rVB	115385	154594	4.30%	0.458%
3	5.475	572	576	596	rBV	3115599	2990697	83.21%	8.852%
4	6.487	743	748	760	rBV	3082182	3207334	89.23%	9.493%
5	6.616	766	770	773	rBV	3657702	3329553	92.63%	9.854%
6	6.669	776	779	790	rVB2	45965	75378	2.10%	0.223%
7	6.834	804	807	815	rBV	961158	880622	24.50%	2.606%
8	6.992	830	834	838	rBV	2888560	2574710	71.63%	7.620%
9	7.398	898	903	913	rBV	2006832	1962080	54.59%	5.807%
10	8.116	1019	1025	1033	rBV	1160914	1210122	33.67%	3.582%
11	8.539	1094	1097	1099	rBV	51645	45781	1.27%	0.135%
12	9.134	1196	1198	1203	rVB	54340	49656	1.38%	0.147%
13	9.192	1203	1208	1211	rBV	4066913	3594370	100.00%	10.638%
14	9.275	1218	1222	1232	rVB6	35386	83146	2.31%	0.246%
15	9.528	1263	1265	1269	rBV	43846	48776	1.36%	0.144%
16	9.581	1271	1274	1283	rVB	311051	353551	9.84%	1.046%
17	9.733	1297	1300	1304	rBV2	52253	53592	1.49%	0.159%
18	9.875	1316	1324	1327	rBV	1330446	1346826	37.47%	3.986%
19	9.904	1327	1329	1333	rVB	73969	62138	1.73%	0.184%
20	10.075	1353	1358	1362	rVB3	28593	46873	1.30%	0.139%
21	10.116	1362	1365	1370	rVB3	35072	42644	1.19%	0.126%
22	10.281	1389	1393	1395	rBV4	44623	57252	1.59%	0.169%
23	10.422	1414	1417	1422	rVB3	41617	51580	1.44%	0.153%
24	10.522	1429	1434	1439	rBV2	70293	97195	2.70%	0.288%
25	10.663	1454	1458	1468	rVB	2708866	2481273	69.03%	7.344%
26	10.786	1474	1479	1482	rBV	148364	153203	4.26%	0.453%
27	11.251	1554	1558	1563	rVB3	91012	116158	3.23%	0.344%
28	11.357	1572	1576	1579	rBV	1456499	1319850	36.72%	3.906%
29	11.380	1579	1580	1587	rVB	178015	137867	3.84%	0.408%
30	11.863	1659	1662	1663	rBV	39697	43688	1.22%	0.129%
31	11.880	1663	1665	1672	rVB3	120881	157538	4.38%	0.466%
32	11.969	1677	1680	1683	rBV3	73713	84569	2.35%	0.250%
33	12.410	1752	1755	1757	rBV2	51734	47096	1.31%	0.139%
34	12.574	1780	1783	1786	rBV	169307	161526	4.49%	0.478%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
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Acq On : 1 Feb 2019 16:02
Operator : JU/SJ
Sample : K1299-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0041-FIELD-DUP

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.610	1786	1789	1792	rVB3	59382	61216	1.70%	0.181%
36	12.669	1796	1799	1803	rVB2	38434	44895	1.25%	0.133%
37	12.804	1816	1822	1828	rBV	178749	228209	6.35%	0.675%
38	12.939	1841	1845	1853	rVB	3297155	3026911	84.21%	8.959%
39	13.074	1866	1868	1871	rVB	70127	62173	1.73%	0.184%
40	13.127	1875	1877	1881	rVB	47926	47917	1.33%	0.142%
41	13.198	1886	1889	1893	rVV	46359	53844	1.50%	0.159%
42	13.233	1893	1895	1903	rVB2	34909	47150	1.31%	0.140%
43	13.827	1993	1996	2007	rVB	177815	272870	7.59%	0.808%
44	13.969	2017	2020	2021	rBV	76056	63471	1.77%	0.188%
45	13.998	2021	2025	2028	rBV	876303	871489	24.25%	2.579%
46	14.151	2048	2051	2056	rVB	48796	51317	1.43%	0.152%
47	14.451	2100	2102	2106	rVB3	72626	67748	1.88%	0.201%
48	14.757	2151	2154	2157	rVB	85228	74203	2.06%	0.220%
49	15.045	2199	2203	2205	rBV	56836	83973	2.34%	0.249%
50	15.086	2208	2210	2217	rVB	113273	130819	3.64%	0.387%
51	15.404	2261	2264	2269	rBV	80531	107952	3.00%	0.320%
52	15.468	2270	2275	2282	rVV	710982	963327	26.80%	2.851%
53	15.892	2343	2347	2353	rVB	68182	97707	2.72%	0.289%
54	16.392	2428	2432	2439	rVB3	42531	77290	2.15%	0.229%
55	16.951	2522	2527	2536	rBV6	49923	136944	3.81%	0.405%

Sum of corrected areas: 33787228

LSC Report - Integrated Chromatogram

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Data File : BF112353.D
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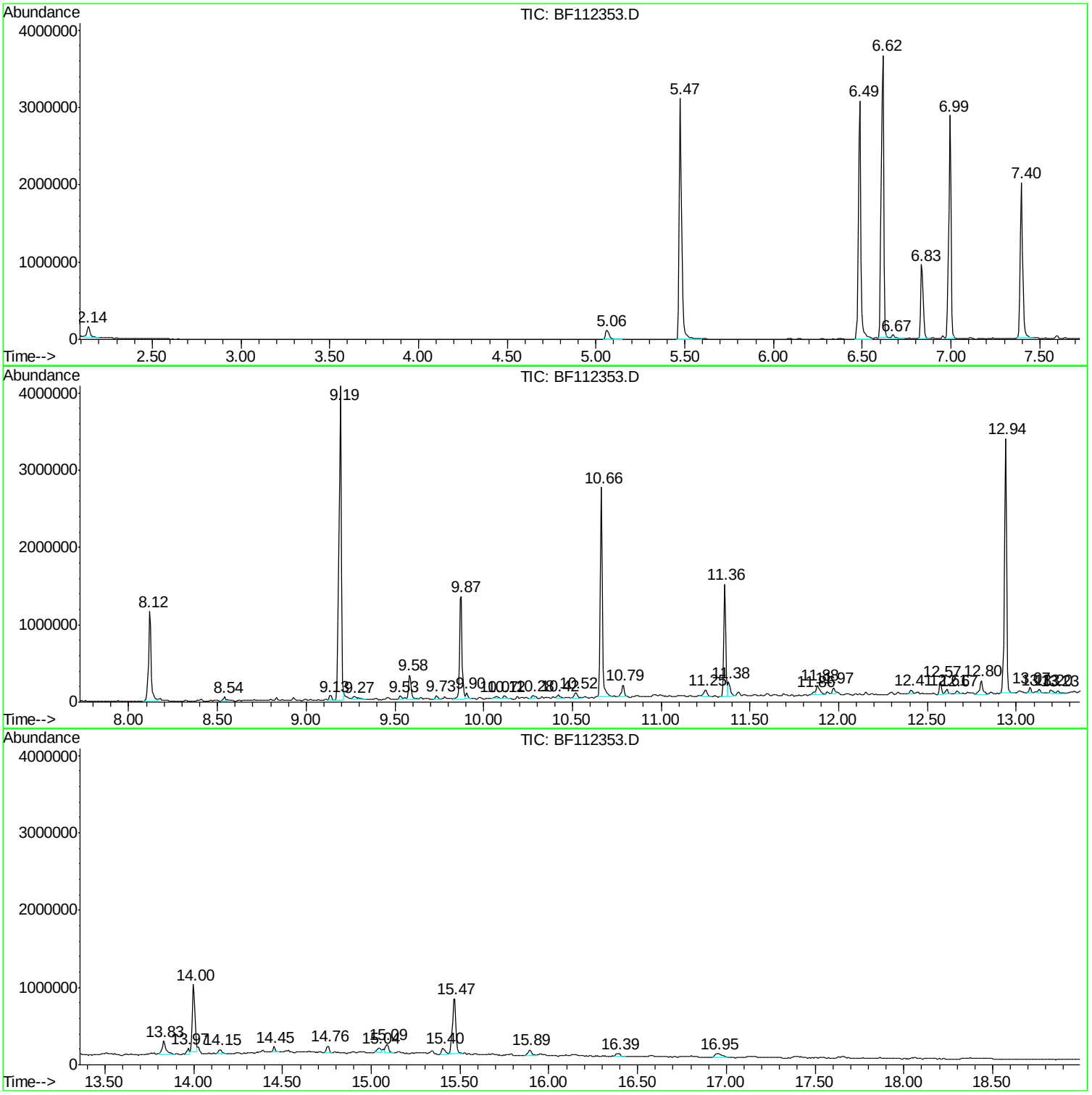
Operator : JU/SJ
Sample : K1299-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0041-FIELD-DUP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
Data File : BF112353.D
Acq On : 1 Feb 2019 16:02
Operator : JU/SJ
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Misc :
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Instrument : BNA_F
ClientSampleId : 0041-FIELD-DUP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

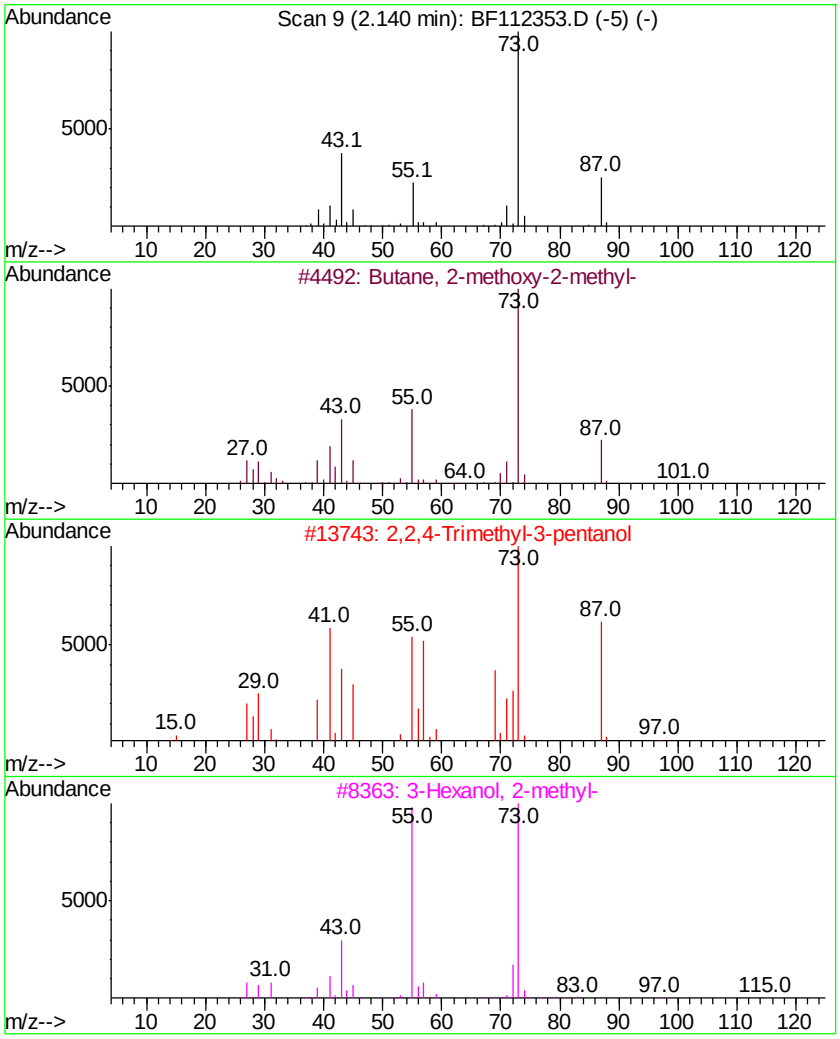
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

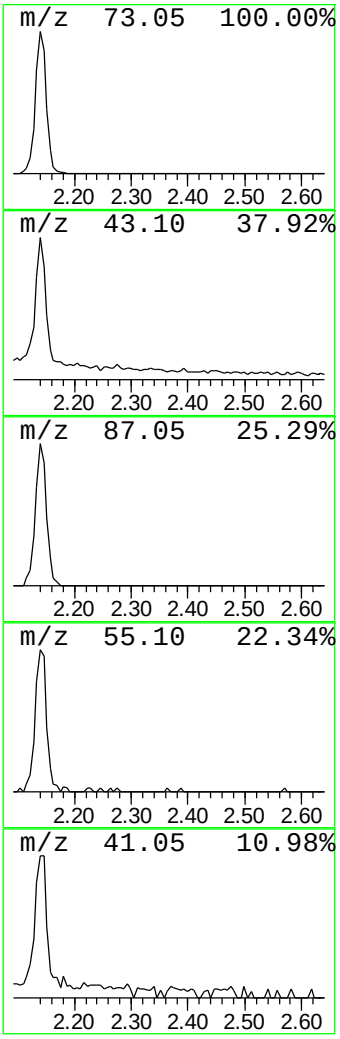
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	4.42 ng	194565	1,4-Dichlorobenzene-d4	6.83

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-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
Data File : BF112353.D
Acq On : 1 Feb 2019 16:02
Operator : JU/SJ
Sample : K1299-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0041-FIELD-DUP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

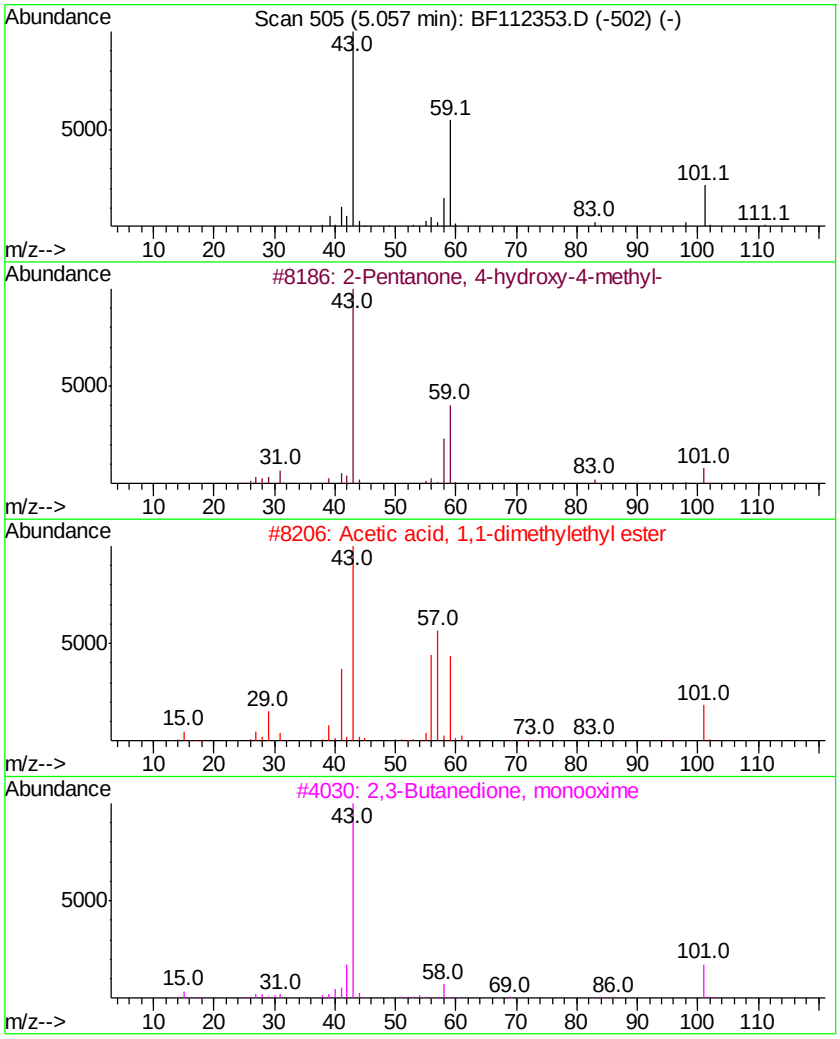
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

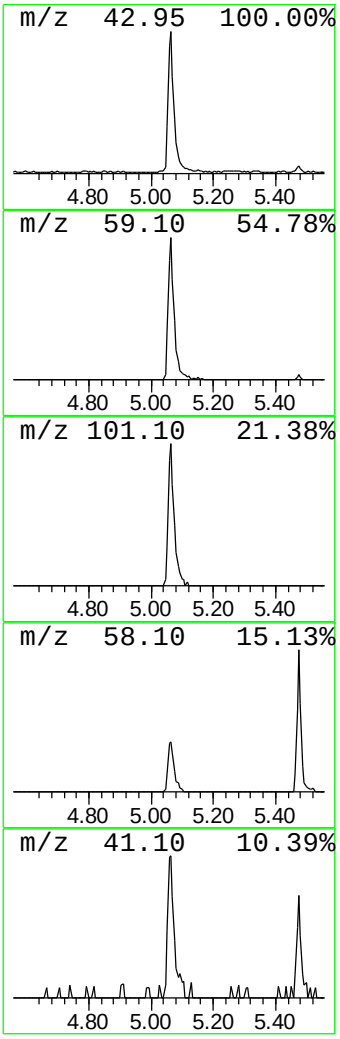
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	3.51 ng	154594	1,4-Dichlorobenzene-d4	6.83

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
Data File : BF112353.D
Acq On : 1 Feb 2019 16:02
Operator : JU/SJ
Sample : K1299-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0041-FIELD-DUP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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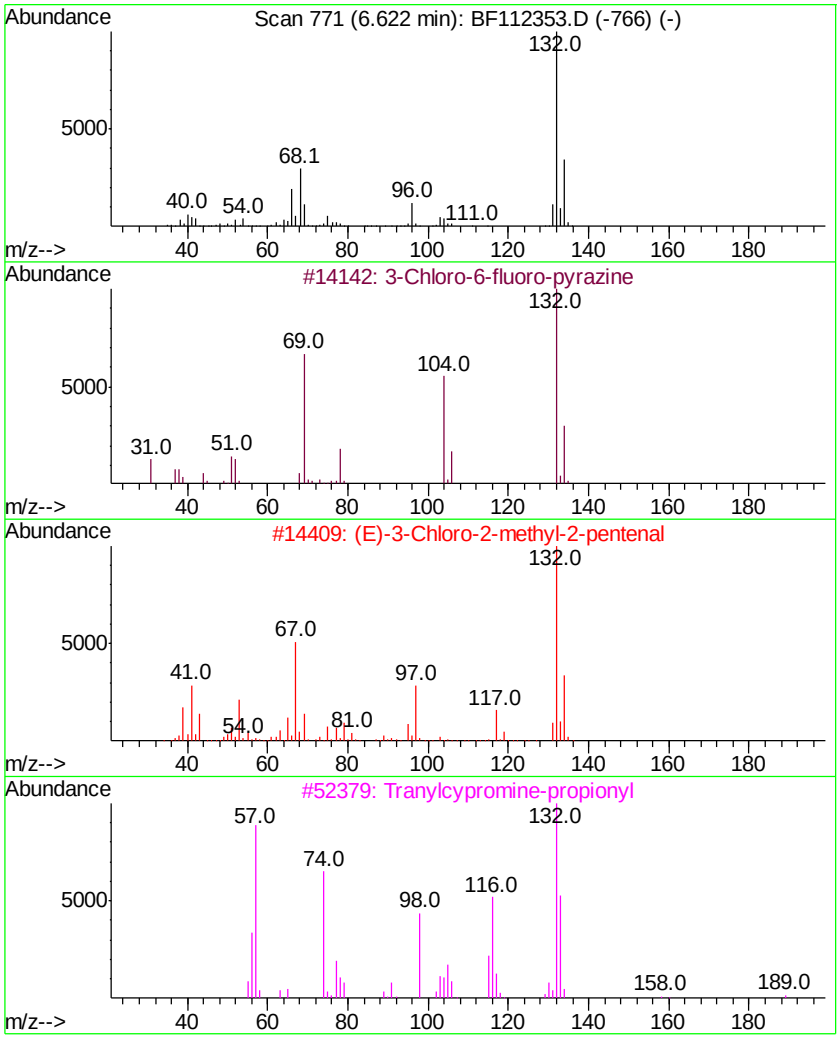
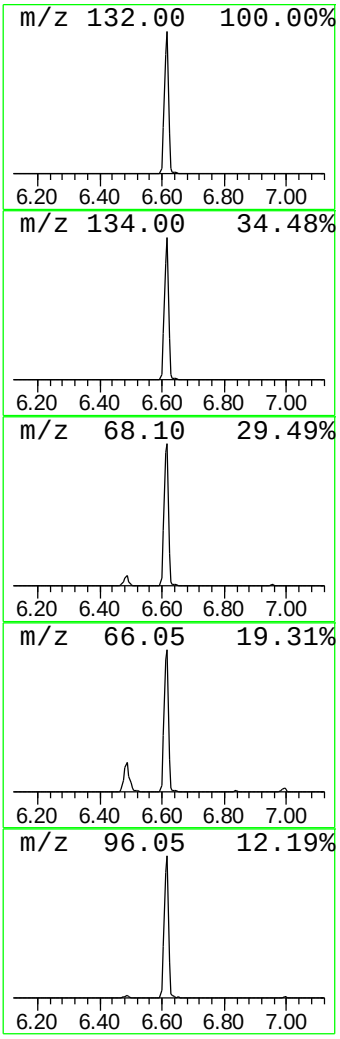
****

Peak Number 3 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	75.62 ng	3329550	1,4-Dichlorobenzene-d4	6.83

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	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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Data File : BF112353.D
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Operator : JU/SJ
Sample : K1299-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0041-FIELD-DUP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

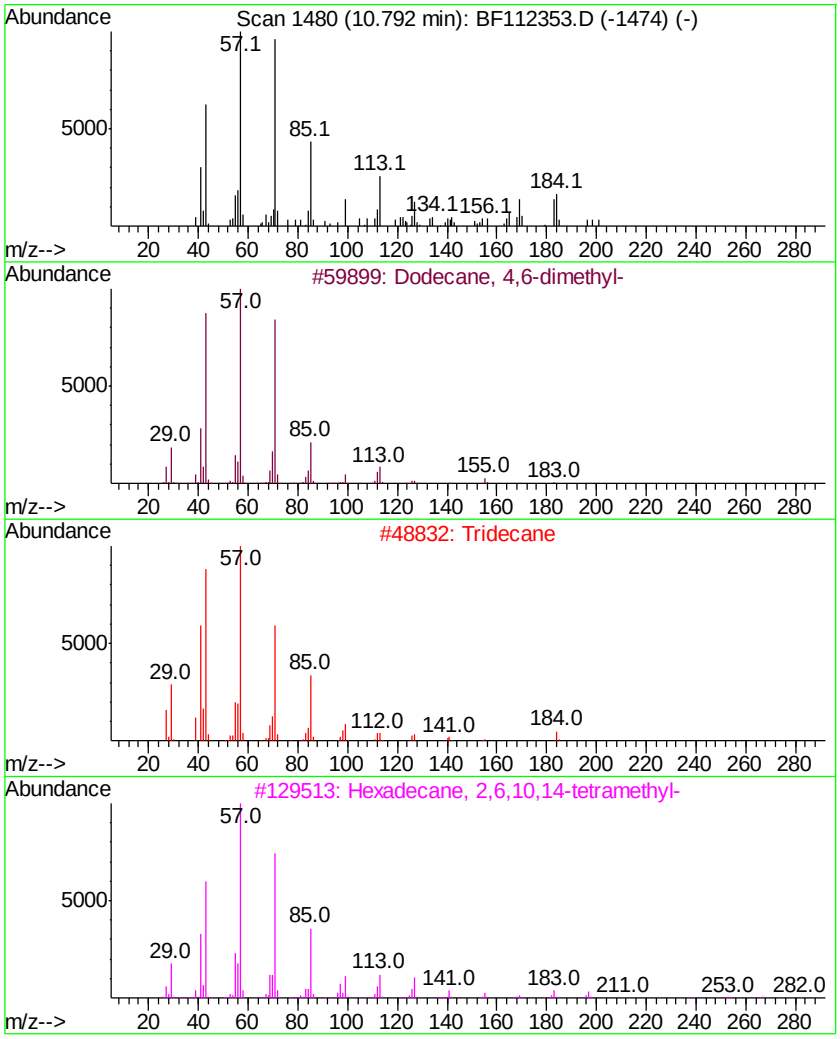
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

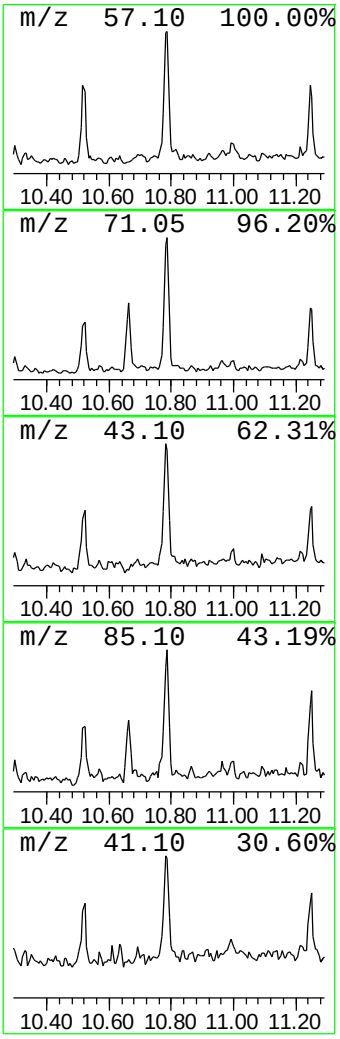
****

Peak Number 5 Dodecane, 4,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	2.32 ng	153203	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	81
2	Tridecane	184	C13H28	000629-50-5	74
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	68





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Sample : K1299-04
Misc :
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Instrument : BNA_F
ClientSampleId : 0041-FIELD-DUP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

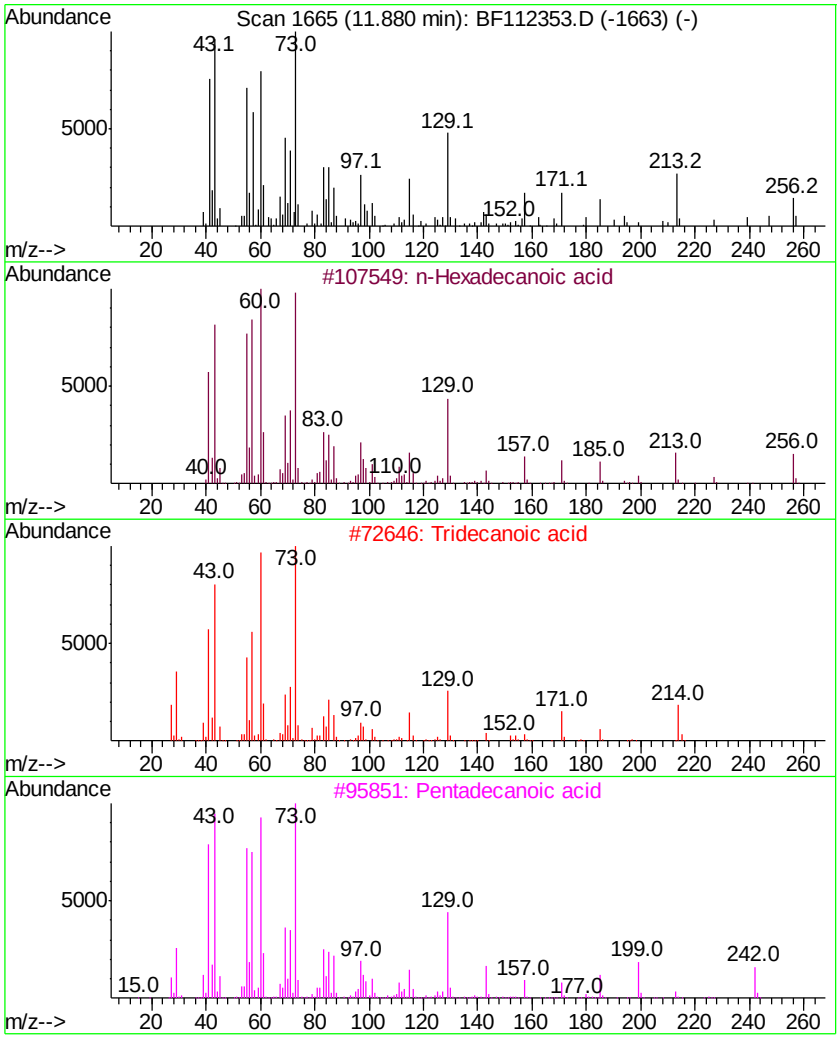
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

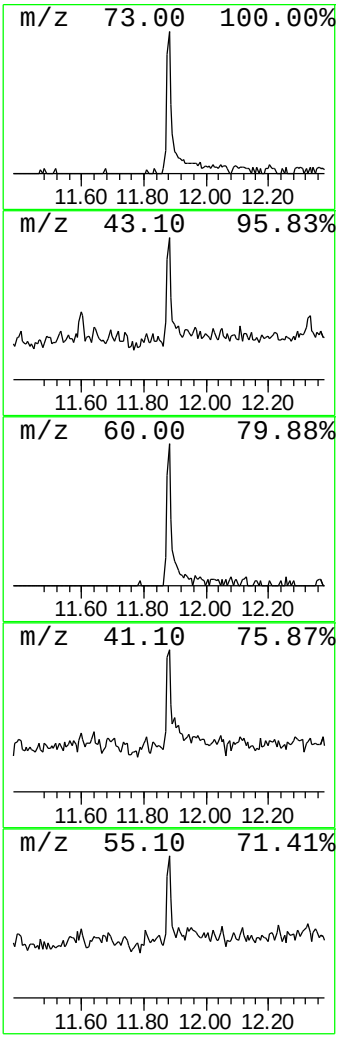
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.39 ng	157538	Phenanthrene-d10	11.36

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	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Decane	142	C10H22	000124-18-5	25





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : 0041-FIELD-DUP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

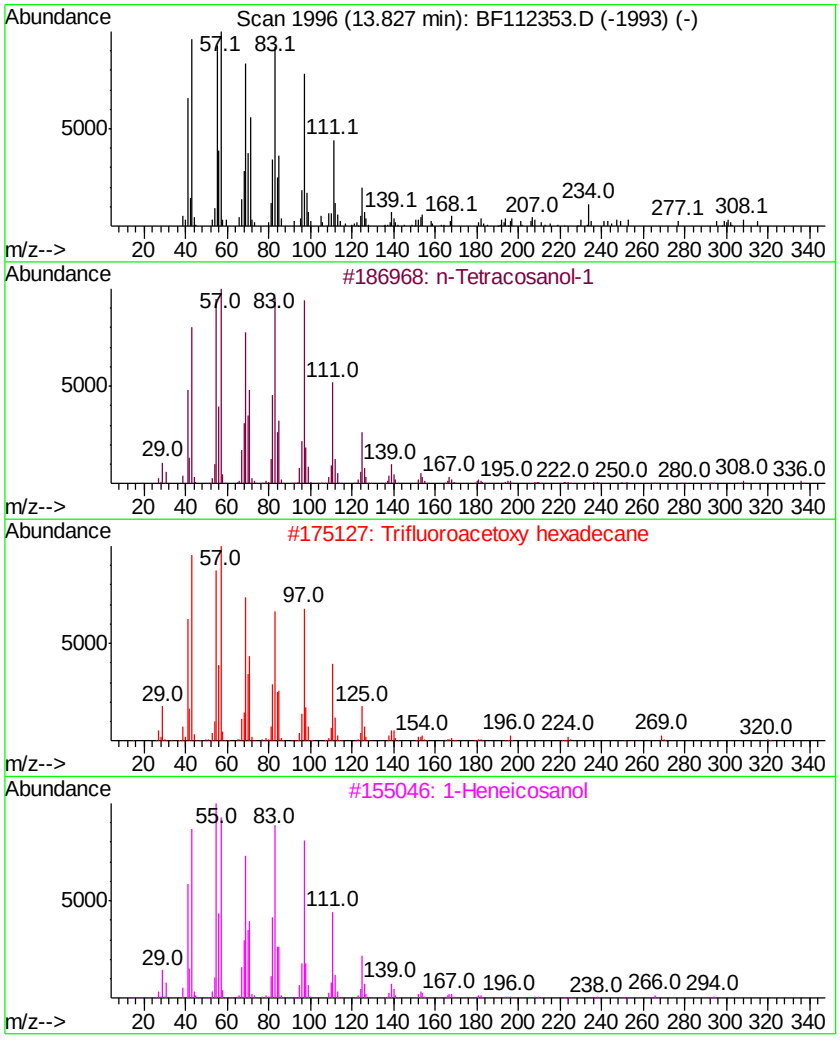
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

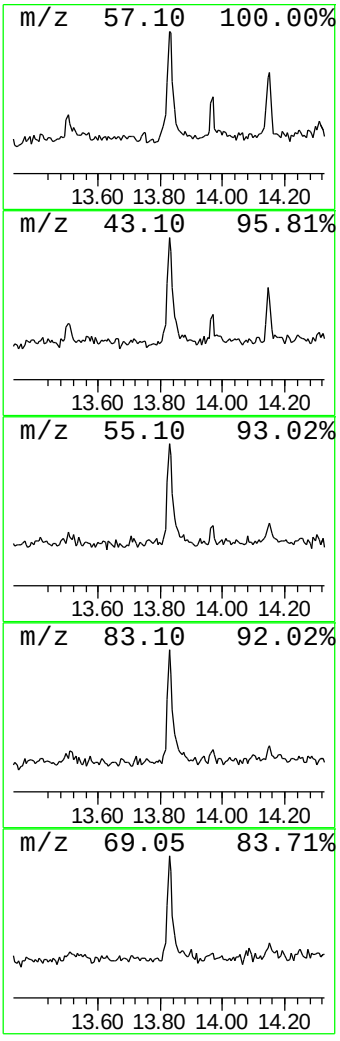
****

Peak Number 7 n-Tetracosanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	6.26 ng	272870	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93





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Data File : BF112353.D
Acq On : 1 Feb 2019 16:02
Operator : JU/SJ
Sample : K1299-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0041-FIELD-DUP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

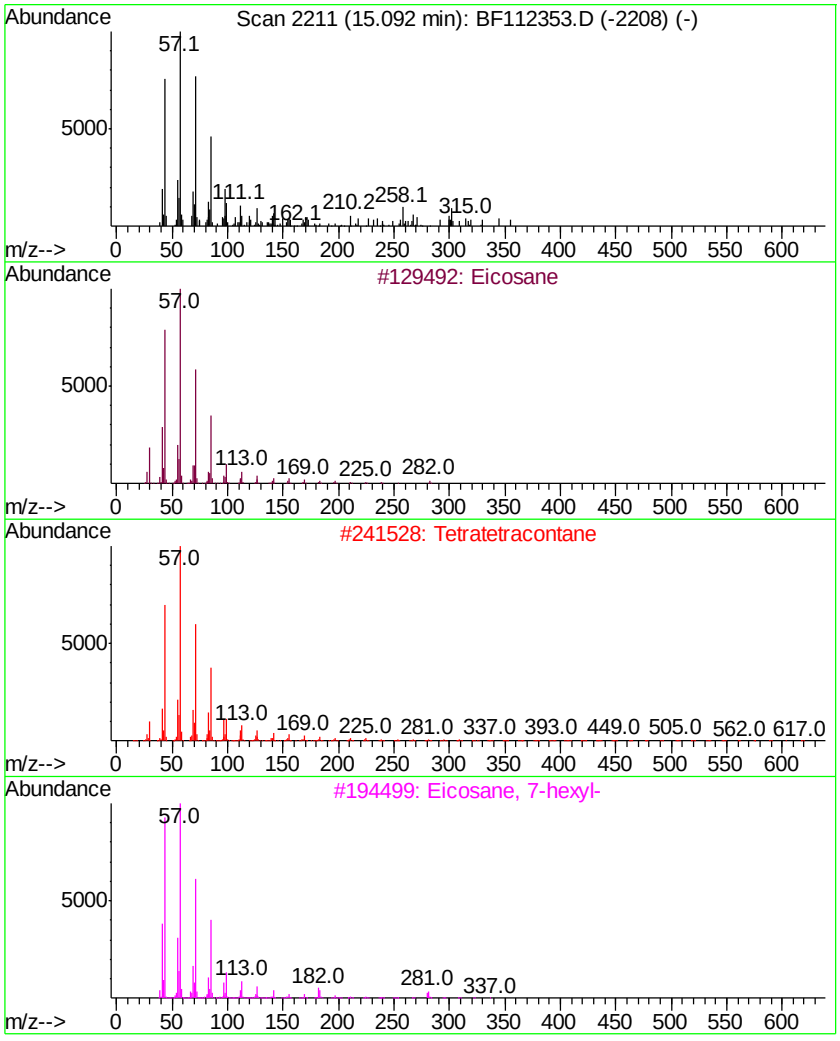
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

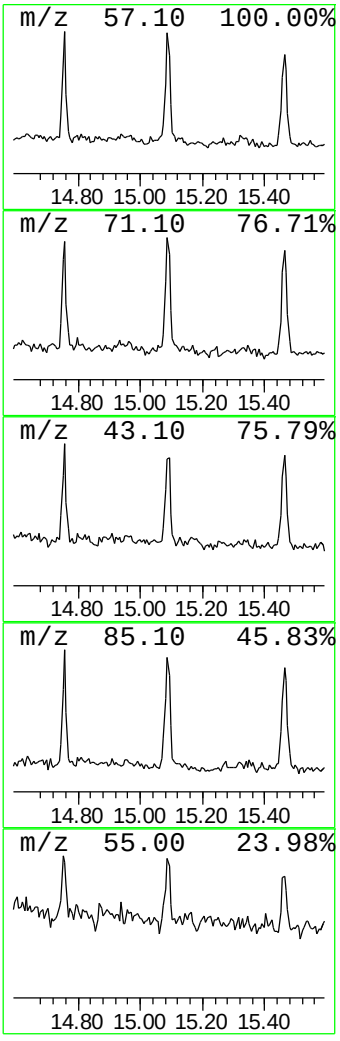
****

Peak Number 8 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.72 ng	130819	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	83
4	Hexatriacontane	507	C36H74	000630-06-8	83
5	Nonadecane	268	C19H40	000629-92-5	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
Data File : BF112353.D
Acq On : 1 Feb 2019 16:02
Operator : JU/SJ
Sample : K1299-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0041-FIELD-DUP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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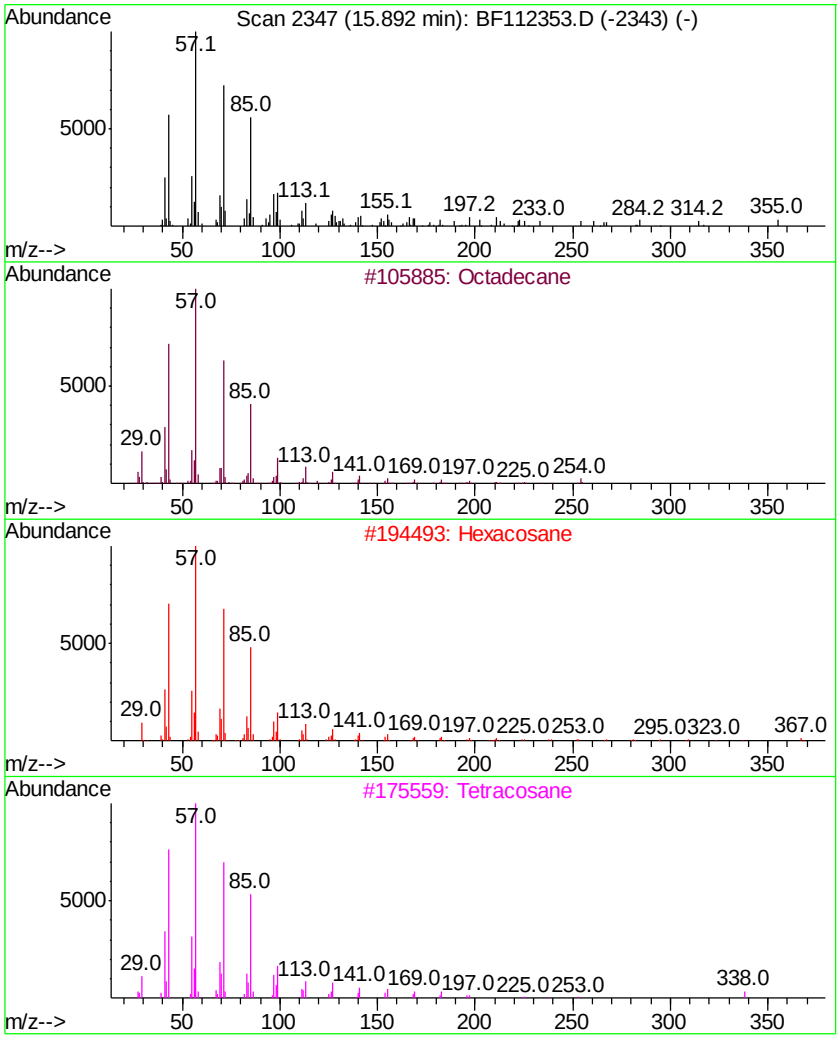
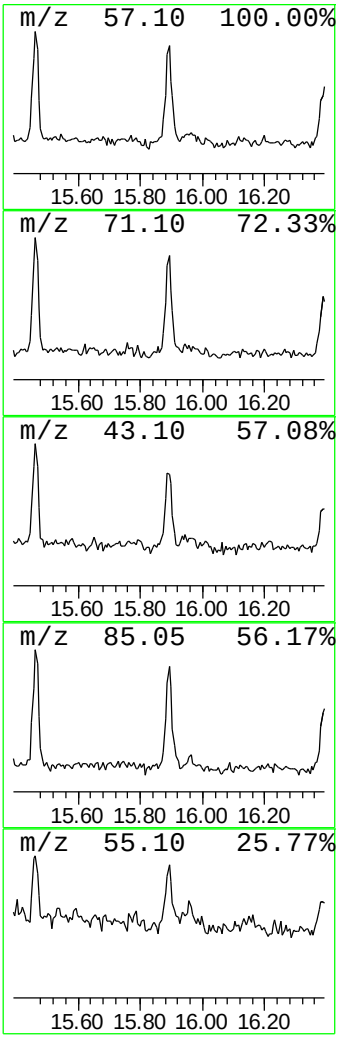
Peak Number 9 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.03 ng	97707	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
5	Octacosane	394	C28H58	000630-02-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020119\
Data File : BF112353.D
Acq On : 1 Feb 2019 16:02
Operator : JU/SJ
Sample : K1299-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0041-FIELD-DUP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

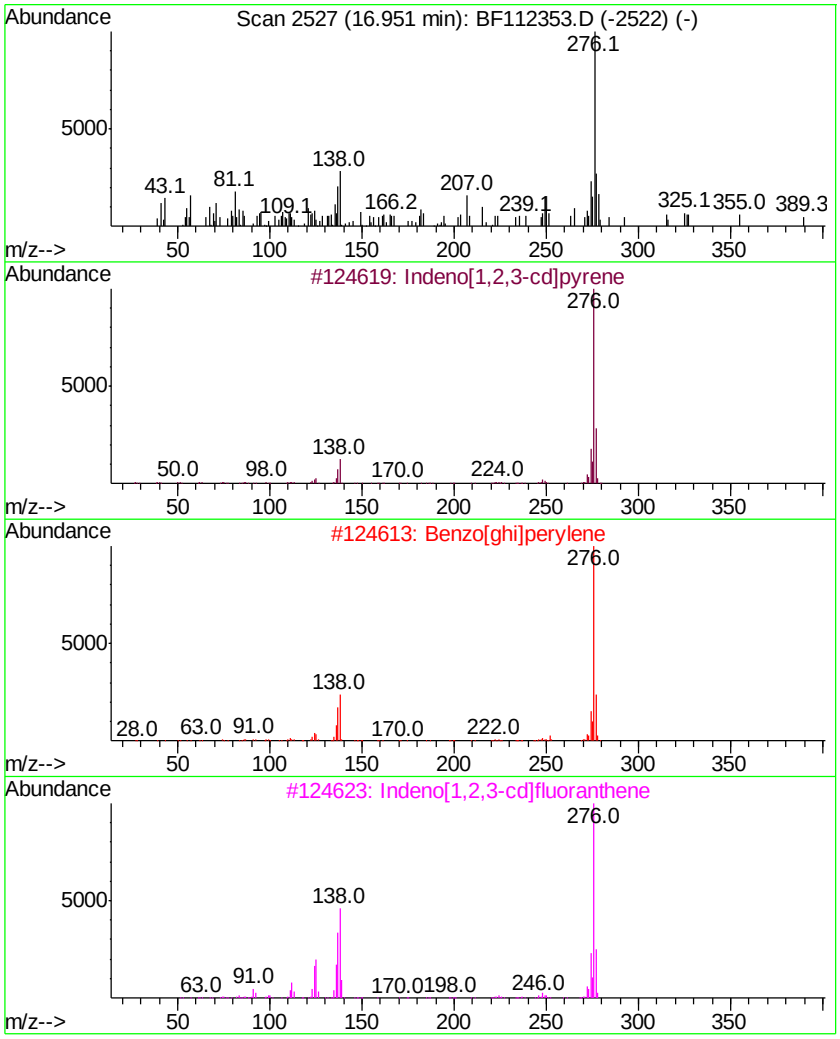
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

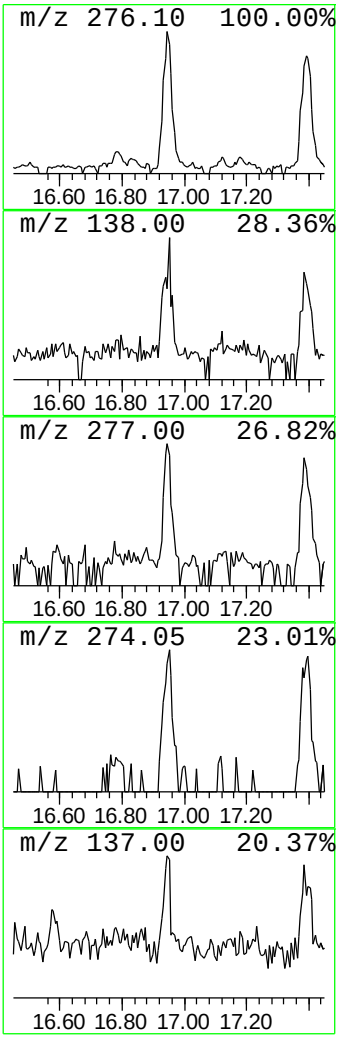
****

Peak Number 10 Indeno[1,2,3-cd]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	2.84 ng	136944	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	76
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	68
3	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	68
4	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	64
5	2-Thiophenecarbaldehyde, 5-[5-(t...	276	C13H8OS3	1000217-28-5	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020119\
Data File : BF112353.D
Acq On : 1 Feb 2019 16:02
Operator : JU/SJ
Sample : K1299-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0041-FIELD-DUP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
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
Butane, 2-methoxy...	2.14	4.4	ng	194565	1	6.83	880622	20.0
2-Pentanone, 4-hy...	5.06	3.5	ng	154594	1	6.83	880622	20.0
unknown6.62	6.62	75.6	ng	3329550	1	6.83	880622	20.0
Dodecane, 4,6-dim...	10.79	2.3	ng	153203	4	11.36	1319850	20.0
n-Hexadecanoic acid	11.88	2.4	ng	157538	4	11.36	1319850	20.0
n-Tetracosanol-1	13.83	6.3	ng	272870	5	14.00	871489	20.0
Eicosane	15.09	2.7	ng	130819	6	15.47	963327	20.0
Octadecane	15.89	2.0	ng	97707	6	15.47	963327	20.0
Indeno[1,2,3-cd]p...	16.95	2.8	ng	136944	6	15.47	963327	20.0