LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120498.D
Acq On : 2 Jun 2020 16:45
Operator : JU/CG
Sample : L2798-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM105-COMP-2020-0-6

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-BF052820.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	1.910	3	4	11	rVB	498443	418022	14.59%	1.434%
2	1.963	11	13	20	rVB	43558	49104	1.71%	0.168%
3	2.093	29	35	44	rVB	917959	1171626	40.90%	4.020%
4	5.110	537	548	556	rBV	26636	71249	2.49%	0.244%
5	5.463	604	608	612	rBV	2749340	2615064	91.29%	8.973%
6	5.545	619	622	626	rVB	139848	115696	4.04%	0.397%
7	6.475	776	780	788	rVB	2579093	2599296	90.74%	8.919%
8	6.733	818	824	828	rVB2	62098	60232	2.10%	0.207%
9	6.845	839	843	846	rBV	1180836	923217	32.23%	3.168%
10	6.998	865	869	873	rBV	2480525	2263752	79.02%	7.767%
11	7.045	873	877	880	rBV	60610	67094	2.34%	0.230%
12	7.404	933	938	941	rBV	1907467	1619078	56.52%	5.555%
13	7.598	967	971	975	rVB	38838	35547	1.24%	0.122%
14	8.127	1057	1061	1064	rBV	1322219	1076558	37.58%	3.694%
15	9.198	1239	1243	1247	rBV	3128761	2864649	100.00%	9.829%
16	9.539	1296	1301	1303	rBV3	34859	31520	1.10%	0.108%
17	9.592	1306	1310	1319	rVB	576276	456814	15.95%	1.567%
18	9.880	1355	1359	1363	rBV	1335711	1077859	37.63%	3.698%
19	10.398	1441	1447	1449	rBV	35294	36258	1.27%	0.124%
20	10.669	1489	1493	1496	rBV	1835495	1522225	53.14%	5.223%
21	11.016	1549	1552	1555	rBV	43049	44690	1.56%	0.153%
22	11.368	1608	1612	1614	rBV	1317613	1052915	36.76%	3.613%
23	11.392	1614	1616	1619	rVB	157307	120977	4.22%	0.415%
24	11.580	1645	1648	1653	rBV3	37815	48618	1.70%	0.167%
25	11.868	1692	1697	1699	rBV	38260	39700	1.39%	0.136%
26	11.898	1699	1702	1705	rVB2	53764	53307	1.86%	0.183%
27	11.980	1713	1716	1718	rBV2	45807	46740	1.63%	0.160%
28	12.498	1799	1804	1807	rBV2	67796	77758	2.71%	0.267%
29	12.563	1811	1815	1816	rVV	394329	350164	12.22%	1.201%
30	12.580	1816	1818	1823	rVB	330742	260390	9.09%	0.893%
31	12.645	1823	1829	1831	rBV6	26395	50672	1.77%	0.174%
32	12.668	1831	1833	1837	rVB3	52031	51250	1.79%	0.176%
33	12.810	1852	1857	1859	rBV	313501	316265	11.04%	1.085%
34	12.827	1859	1860	1864	rVB	215412	149811	5.23%	0.514%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120498.D
Acq On : 2 Jun 2020 16:45
Operator : JU/CG
Sample : L2798-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM105-COMP-2020-0-6

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-BF052820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.957	1877	1882	1885	rBV	2860191	2822545	98.53%	9.685%
36	13.027	1891	1894	1897	rBV2	23514	32693	1.14%	0.112%
37	13.139	1911	1913	1915	rVB	48760	38450	1.34%	0.132%
38	13.180	1917	1920	1923	rBV2	46909	65844	2.30%	0.226%
39	13.298	1938	1940	1944	rBV4	23540	32642	1.14%	0.112%
40	13.368	1949	1952	1955	rVV2	31130	35885	1.25%	0.123%
41	13.404	1955	1958	1961	rBV5	41891	45783	1.60%	0.157%
42	13.539	1979	1981	1984	rVB	76377	71806	2.51%	0.246%
43	13.645	1996	1999	2004	rVB	58263	49292	1.72%	0.169%
44	13.862	2032	2036	2041	rBV2	288888	412848	14.41%	1.417%
45	14.009	2056	2061	2064	rBV	1256765	1267329	44.24%	4.348%
46	14.033	2064	2065	2067	rVB	146507	69762	2.44%	0.239%
47	14.474	2138	2140	2143	rBV	131559	132625	4.63%	0.455%
48	14.509	2143	2146	2149	rVV3	70956	101239	3.53%	0.347%
49	15.045	2234	2237	2244	rVB	121503	206072	7.19%	0.707%
50	15.121	2246	2250	2253	rVB	247059	277952	9.70%	0.954%
51	15.468	2305	2309	2313	rBV	678652	871737	30.43%	2.991%
52	15.933	2384	2388	2395	rVB	417778	599666	20.93%	2.058%
53	16.368	2458	2462	2469	rVB5	135273	271843	9.49%	0.933%

Sum of corrected areas: 29144130

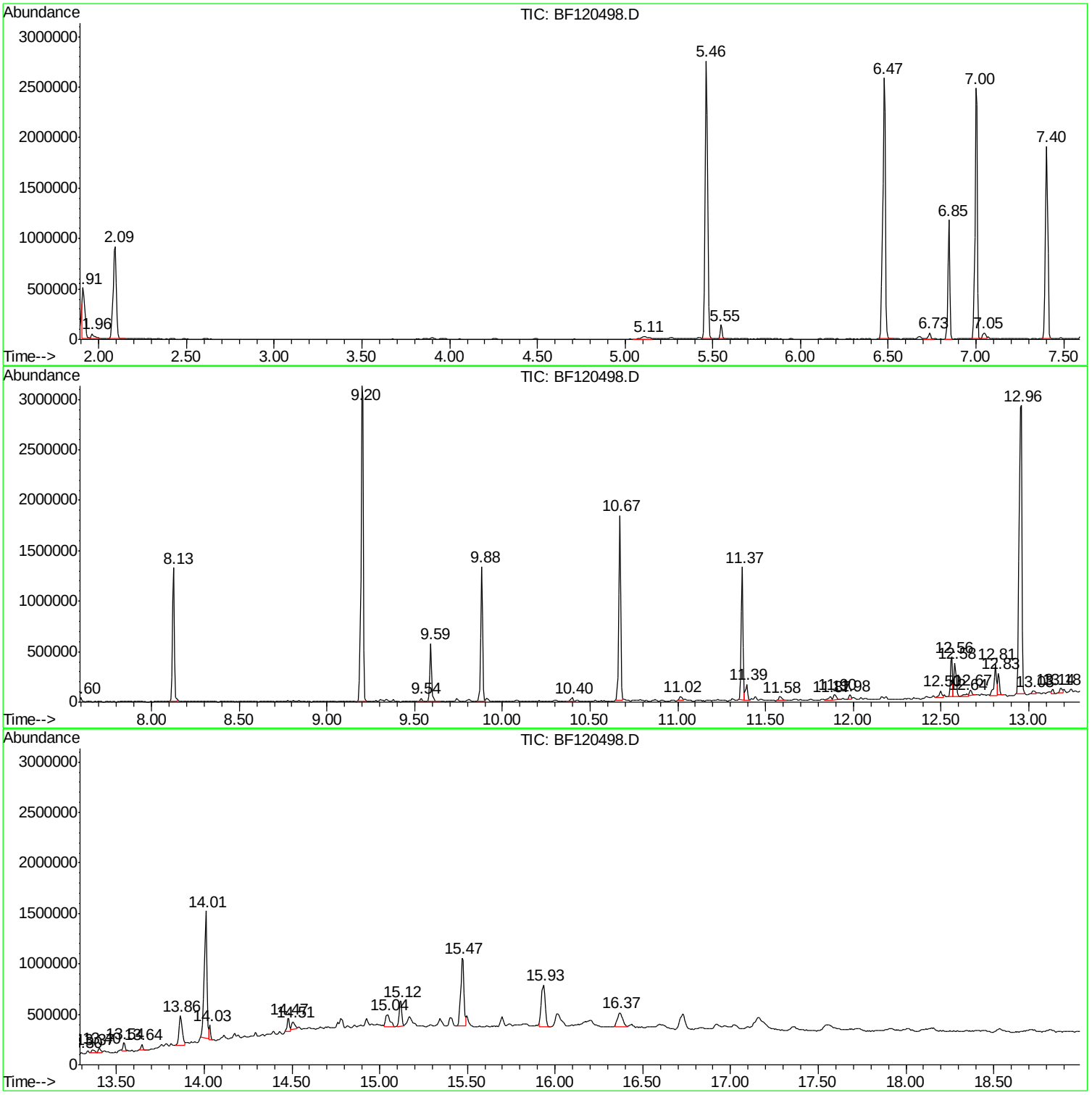
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120498.D
Acq On : 2 Jun 2020 16:45
Operator : JU/CG
Sample : L2798-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM105-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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\BF060220\
Data File : BF120498.D
Acq On : 2 Jun 2020 16:45
Operator : JU/CG
Sample : L2798-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM105-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

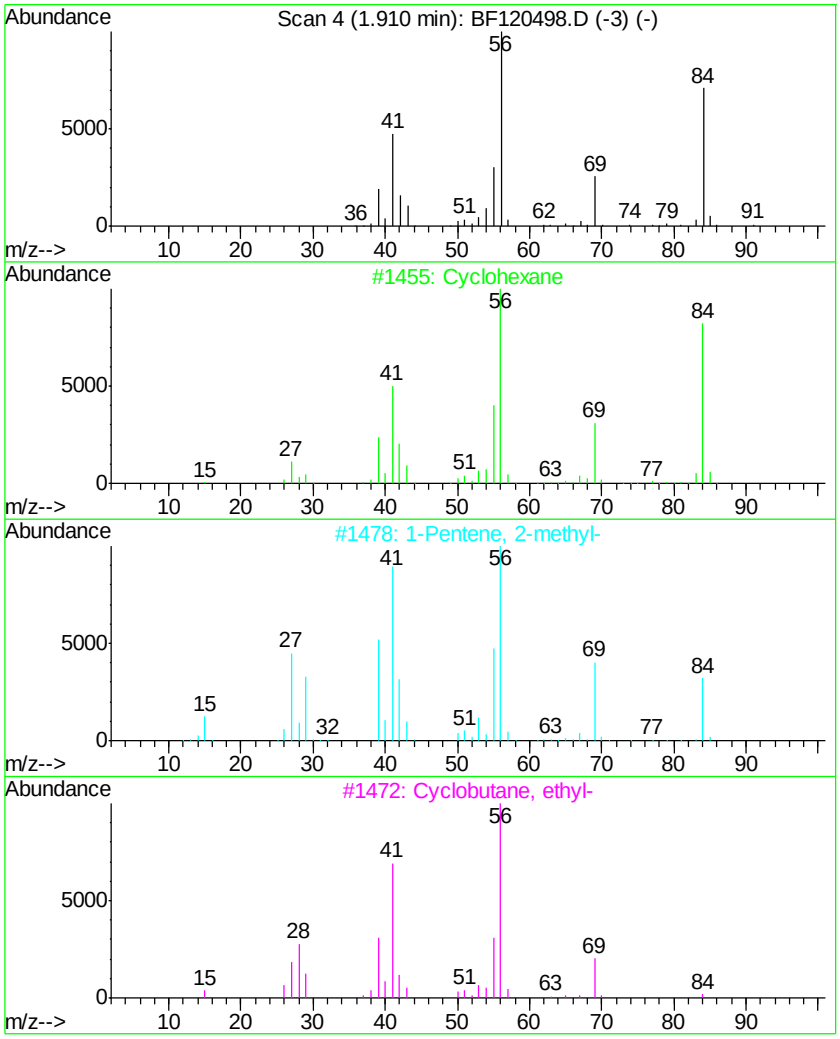
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

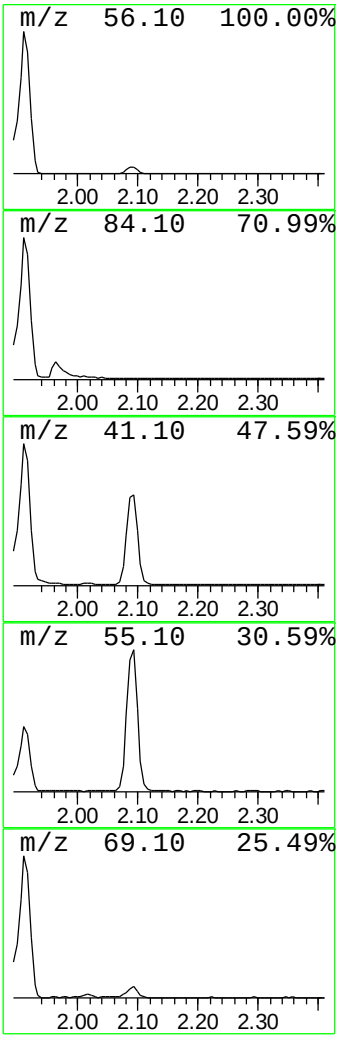
****

Peak Number 1 Cyclohexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.91	9.06 ng	418022	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	76
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	59
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
5	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120498.D
Acq On : 2 Jun 2020 16:45
Operator : JU/CG
Sample : L2798-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM105-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

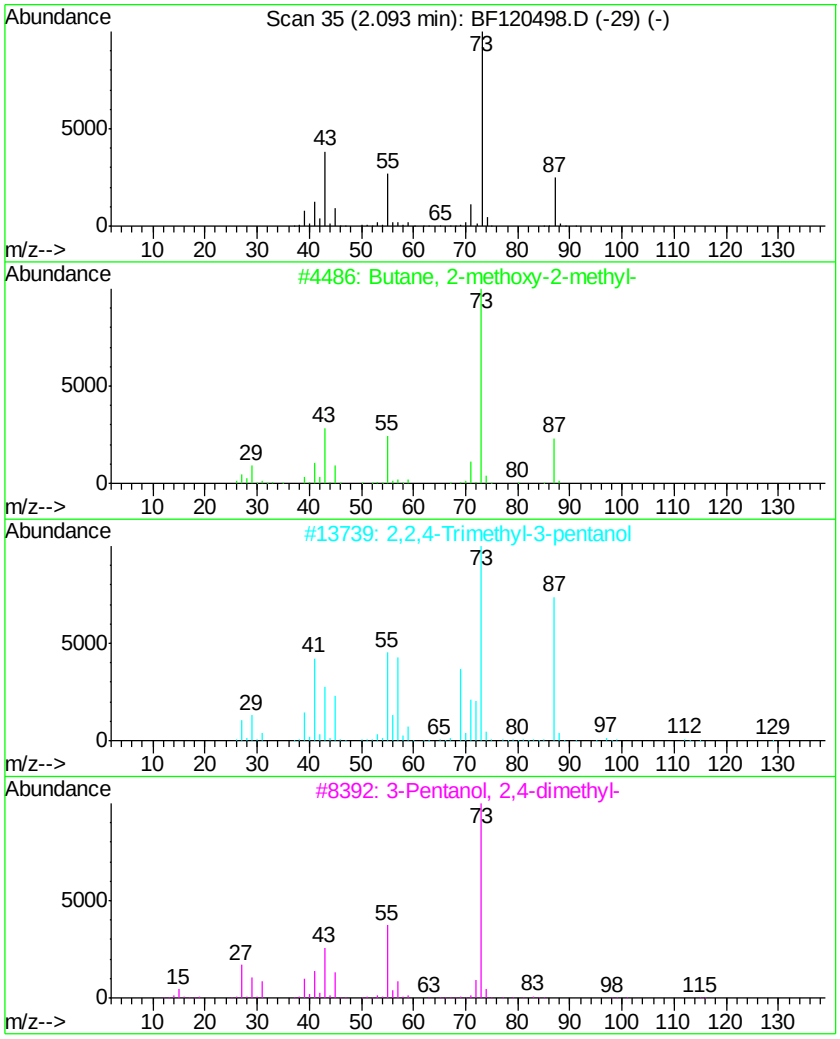
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

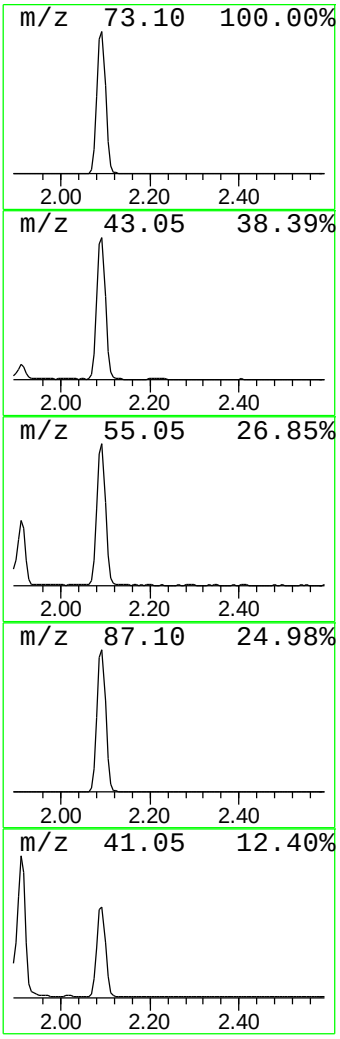
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.09	25.38 ng	1171630	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120498.D
Acq On : 2 Jun 2020 16:45
Operator : JU/CG
Sample : L2798-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM105-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

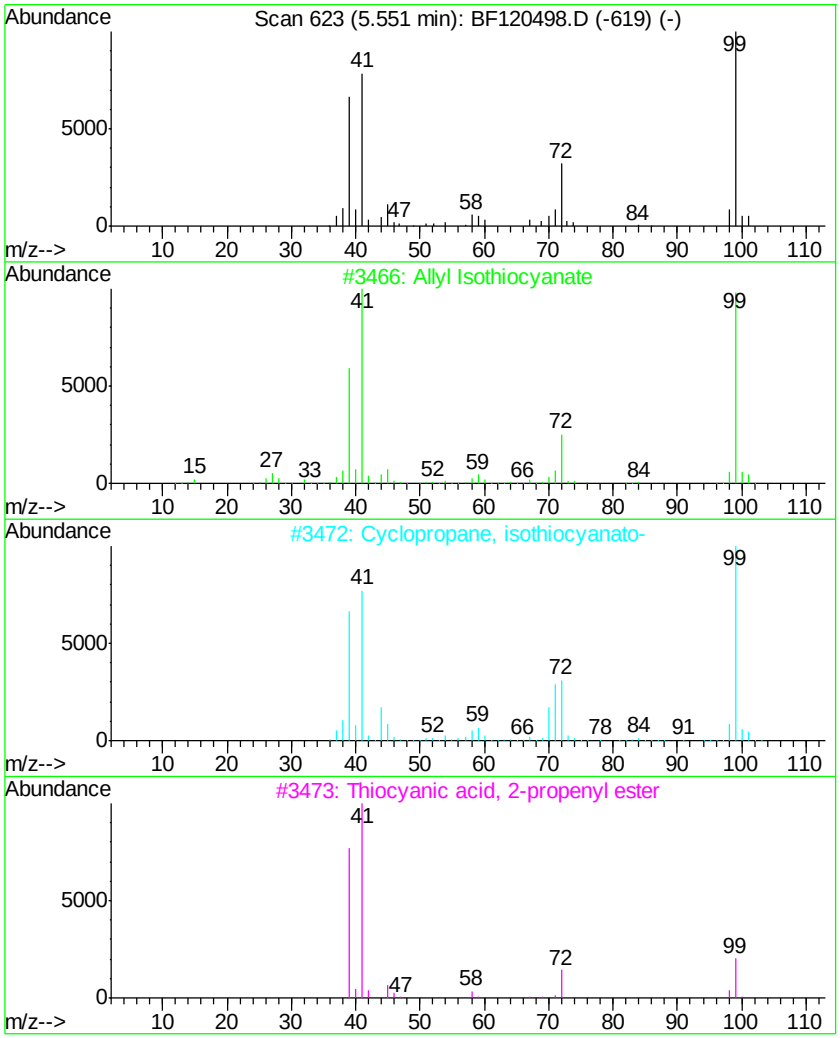
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

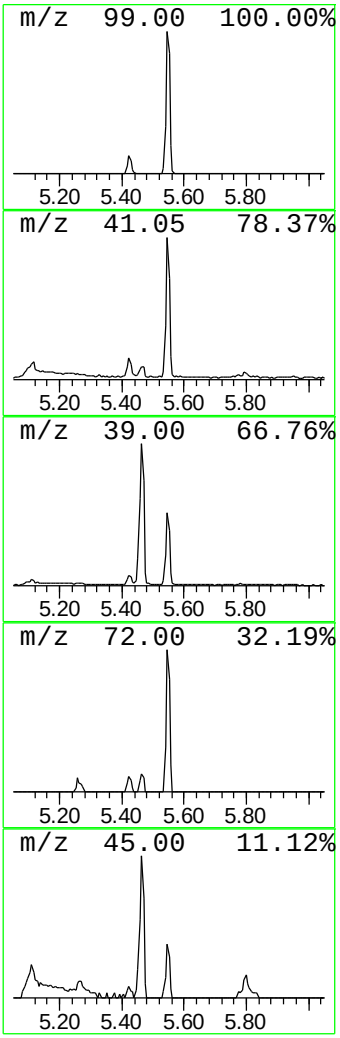
****

Peak Number 3 Allyl Isothiocyanate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.55	2.51 ng	115696	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allyl Isothiocyanate	99	C4H5NS	000057-06-7	95
2	Cyclopropane, isothiocyanato-	99	C4H5NS	056601-42-4	91
3	Thiocyanic acid, 2-propenyl ester	99	C4H5NS	000764-49-8	90
4	Cyclopropanecarboxylic acid, met...	100	C5H8O2	002868-37-3	59
5	Methyl 3-butynoate	98	C5H6O2	032804-66-3	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120498.D
Acq On : 2 Jun 2020 16:45
Operator : JU/CG
Sample : L2798-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM105-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

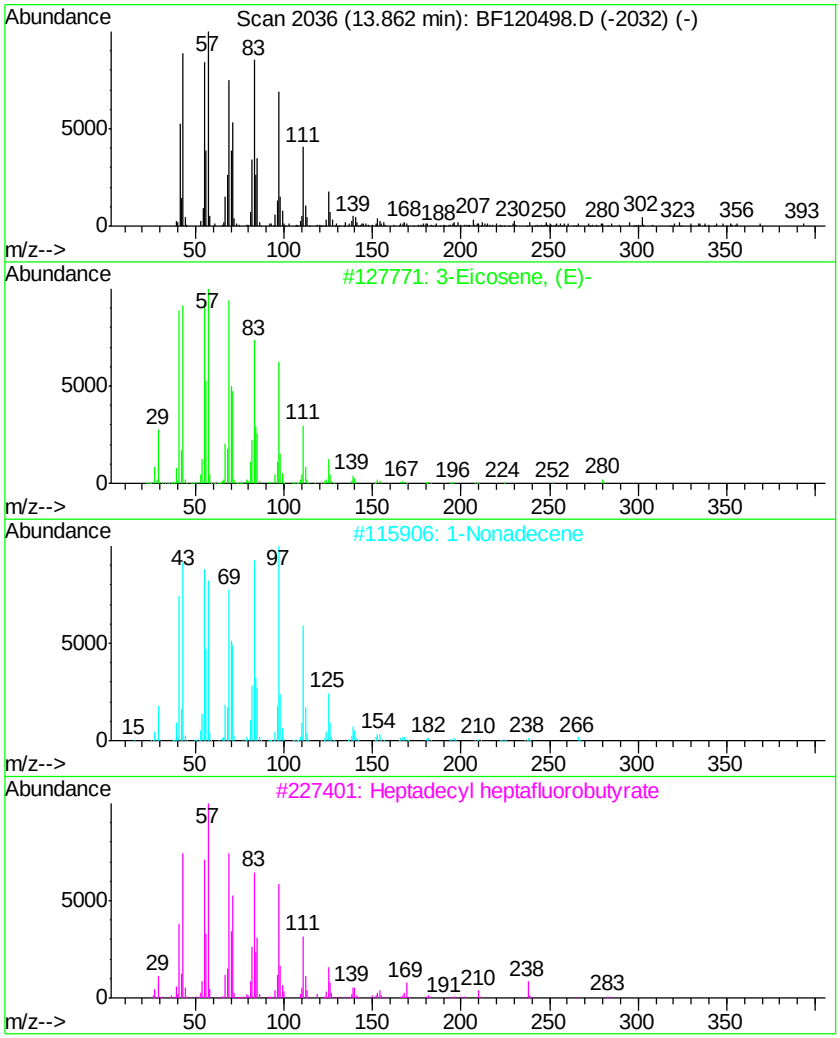
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

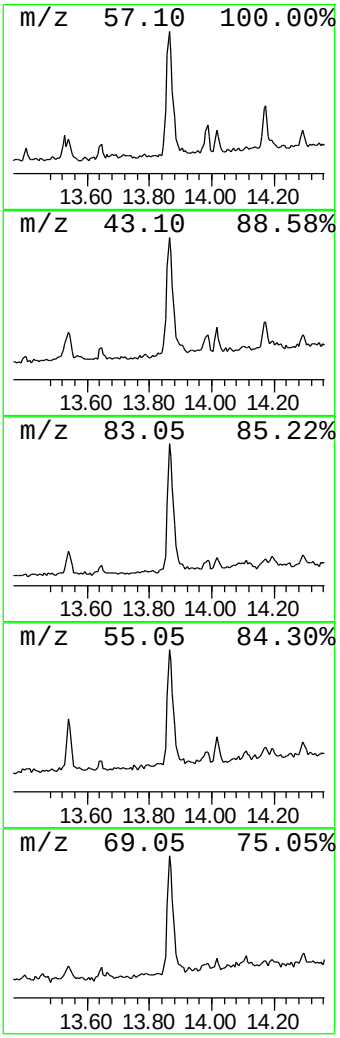
****

Peak Number 5 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	6.52 ng	412848	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2	1-Nonadecene	266	C19H38	018435-45-5	96
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120498.D
Acq On : 2 Jun 2020 16:45
Operator : JU/CG
Sample : L2798-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM105-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

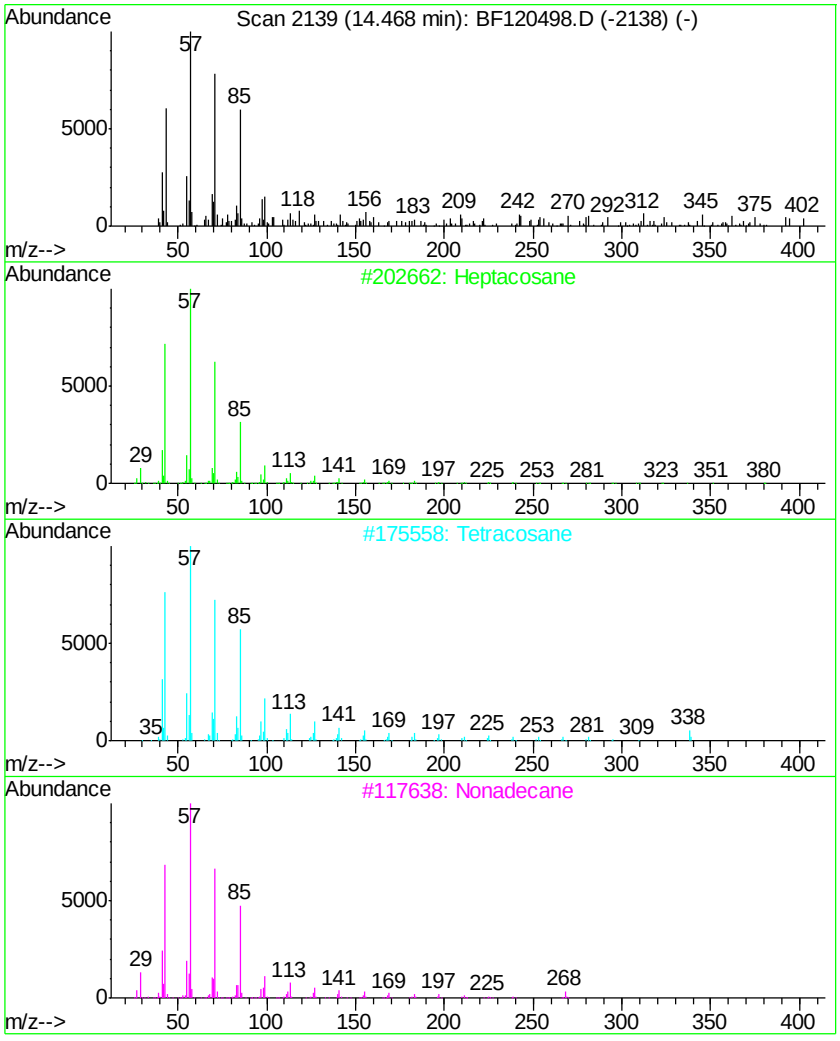
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

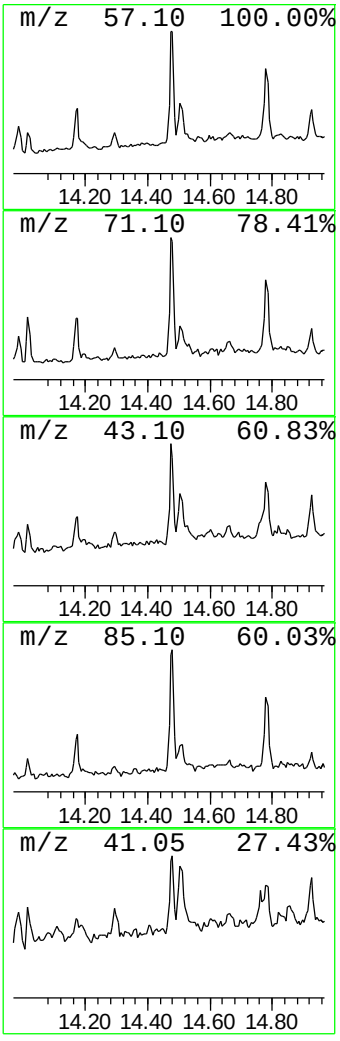
****

Peak Number 6 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	2.09 ng	132625	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	94
2	Tetracosane	338	C24H50	000646-31-1	93
3	Nonadecane	268	C19H40	000629-92-5	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120498.D
Acq On : 2 Jun 2020 16:45
Operator : JU/CG
Sample : L2798-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM105-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

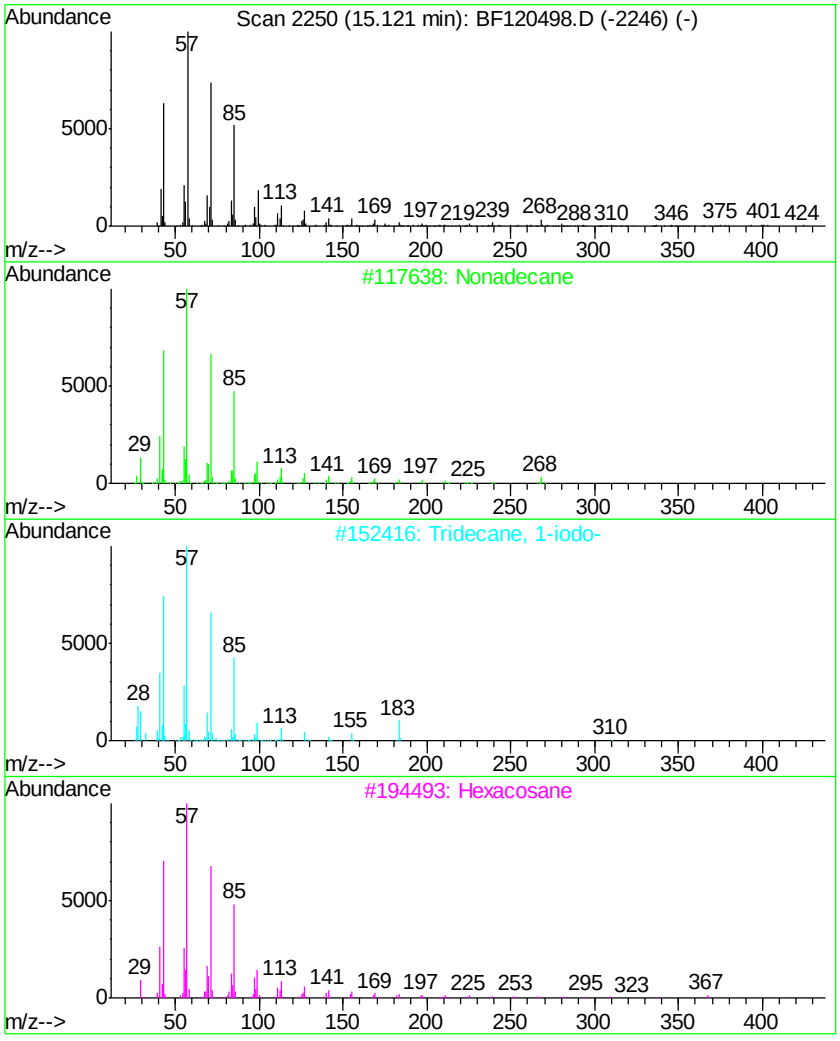
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

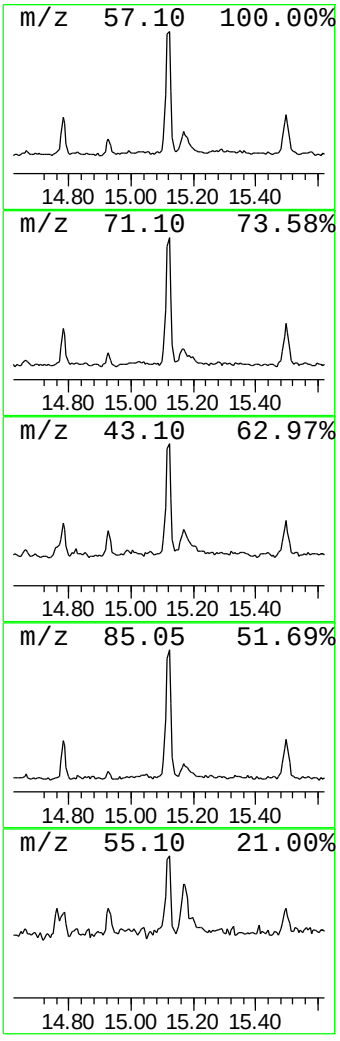
****

Peak Number 7 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	6.38 ng	277952	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120498.D
Acq On : 2 Jun 2020 16:45
Operator : JU/CG
Sample : L2798-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM105-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

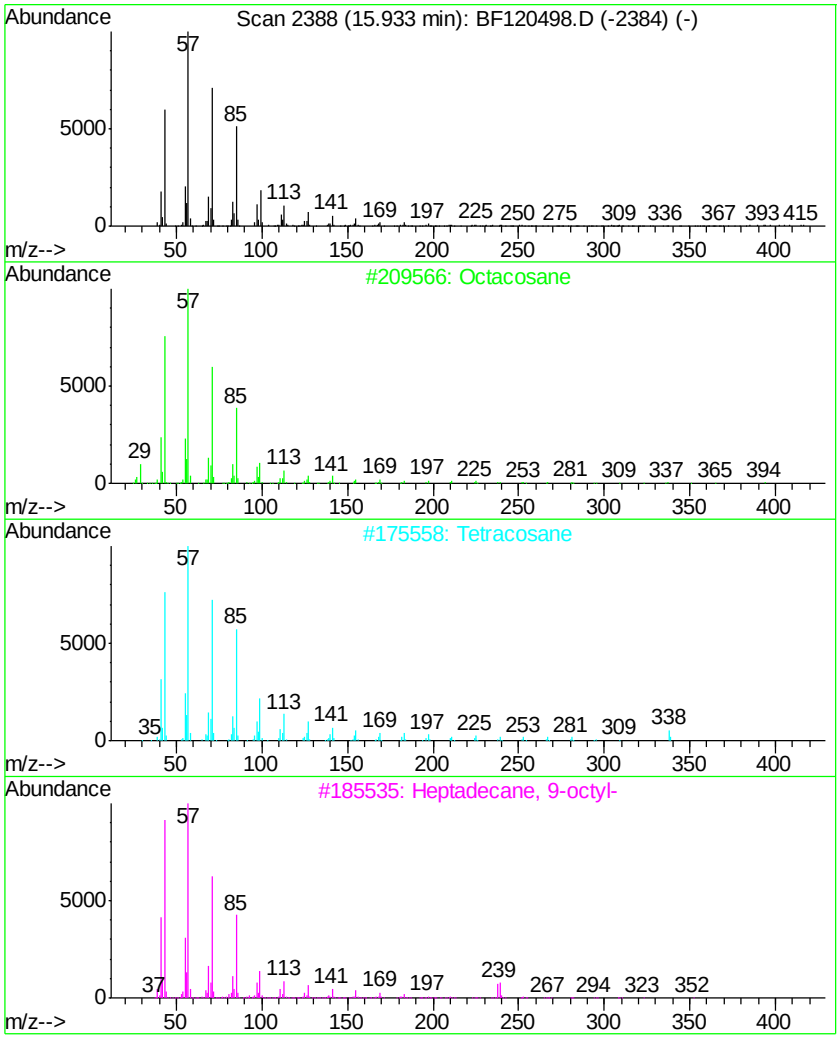
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

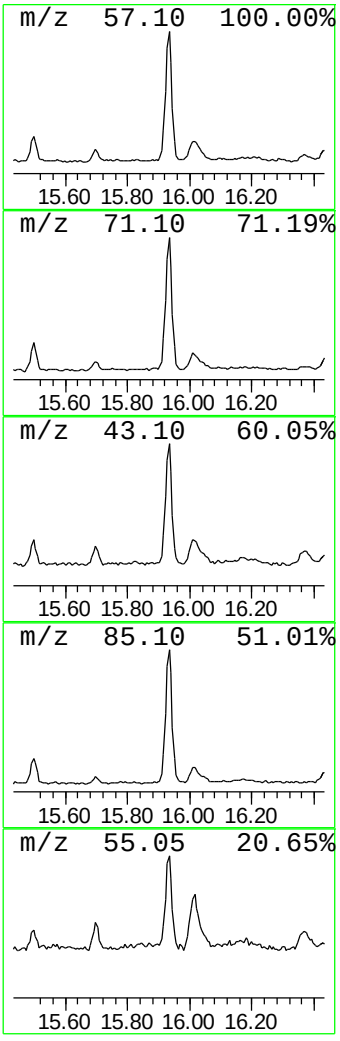
****

Peak Number 8 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	13.76 ng	599666	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tetracosane	338	C24H50	000646-31-1	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
Data File : BF120498.D
Acq On : 2 Jun 2020 16:45
Operator : JU/CG
Sample : L2798-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM105-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

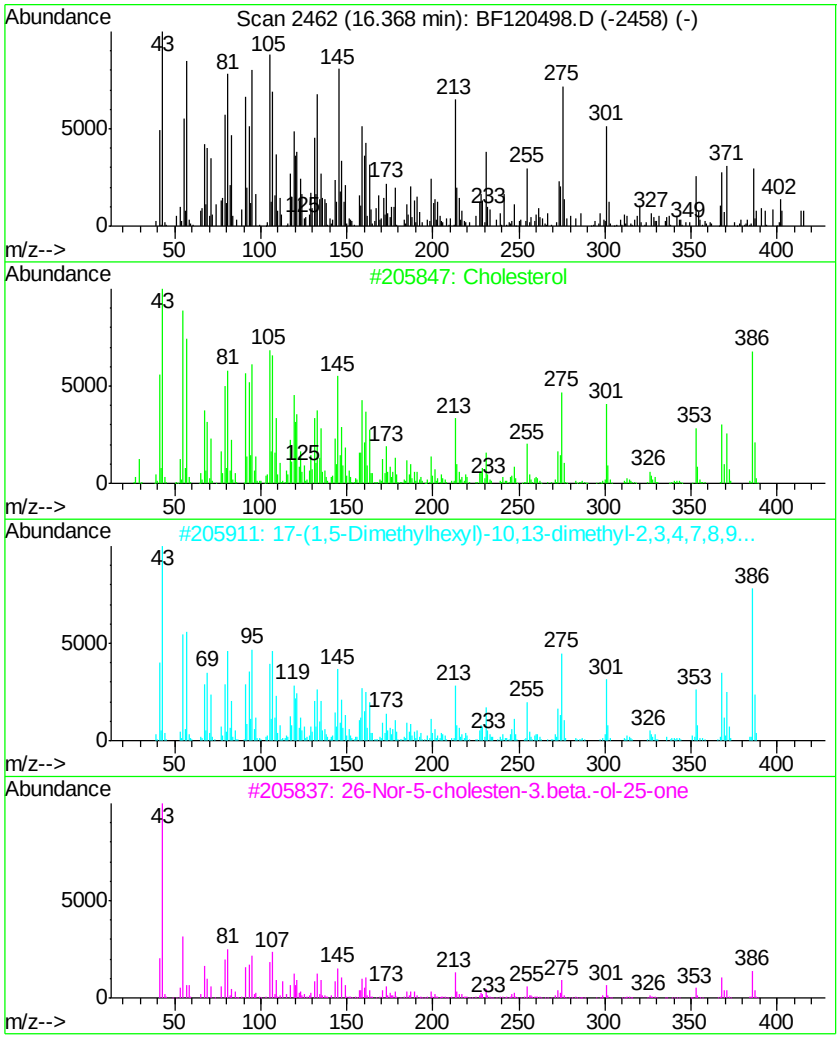
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

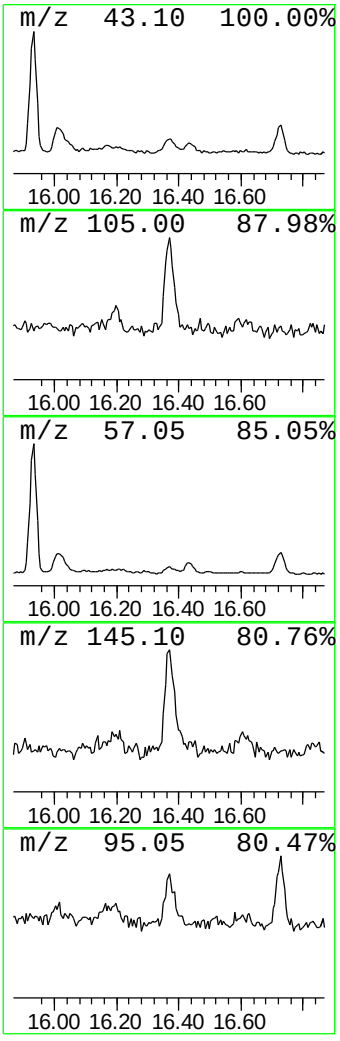
****

Peak Number 9 Cholesterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	6.24 ng	271843	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholesterol	386	C27H46O	000057-88-5	95
2	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	93
3	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	38
4	.beta.-Sitosterol	414	C29H50O	000083-46-5	25
5	Propanoic acid, 3,3,3-trifluoro-...	386	C17H17F3N2O5	1000362-46-1	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060220\
Data File : BF120498.D
Acq On : 2 Jun 2020 16:45
Operator : JU/CG
Sample : L2798-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NM105-COMP-2020-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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
Cyclohexane	1.91	9.1	ng	418022	1	6.85	923217	20.0
Butane, 2-methoxy...	2.09	25.4	ng	1171630	1	6.85	923217	20.0
Allyl Isothiocyanate	5.55	2.5	ng	115696	1	6.85	923217	20.0
3-Eicosene, (E)-	13.86	6.5	ng	412848	5	14.01	1267330	20.0
Heptacosane	14.47	2.1	ng	132625	5	14.01	1267330	20.0
Nonadecane	15.12	6.4	ng	277952	6	15.47	871737	20.0
Octacosane	15.93	13.8	ng	599666	6	15.47	871737	20.0
Cholesterol	16.37	6.2	ng	271843	6	15.47	871737	20.0