LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116824.D
Acq On : 4 Sep 2019 19:09
Operator : HP/JU
Sample : K4655-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15-S

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-BF083019.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	5.463	570	574	578	rBV	1179693	1096051	80.48%	7.955%
2	6.481	742	747	754	rBV	1349289	1226098	90.03%	8.898%
3	6.616	766	770	774	rBV	1333922	1223886	89.87%	8.882%
4	6.675	777	780	787	rVV	63206	56855	4.17%	0.413%
5	6.845	806	809	813	rBV	393957	349849	25.69%	2.539%
6	7.004	832	836	840	rBV	1119895	919507	67.52%	6.673%
7	7.404	900	904	907	rBV	866633	726267	53.33%	5.271%
8	8.128	1024	1027	1031	rBV	546814	462794	33.98%	3.359%
9	8.939	1160	1165	1170	rVB2	25122	23777	1.75%	0.173%
10	9.204	1206	1210	1213	rBV	1749436	1361843	100.00%	9.884%
11	9.469	1251	1255	1259	rBV	18479	22645	1.66%	0.164%
12	9.539	1264	1267	1270	rVV	24969	24825	1.82%	0.180%
13	9.592	1273	1276	1282	rVV	158797	132787	9.75%	0.964%
14	9.657	1285	1287	1293	rBV	21756	25378	1.86%	0.184%
15	9.739	1299	1301	1306	rVB	22969	22140	1.63%	0.161%
16	9.880	1322	1325	1328	rBV	622192	536717	39.41%	3.895%
17	9.916	1328	1331	1334	rVB	116236	92796	6.81%	0.673%
18	10.086	1356	1360	1364	rVB2	31143	30154	2.21%	0.219%
19	10.198	1376	1379	1382	rVB2	21630	20437	1.50%	0.148%
20	10.292	1391	1395	1396	rBV4	13826	16964	1.25%	0.123%
21	10.427	1415	1418	1424	rBV	141059	122738	9.01%	0.891%
22	10.586	1442	1445	1449	rVB2	20383	19778	1.45%	0.144%
23	10.669	1455	1459	1464	rBV	916445	778707	57.18%	5.651%
24	10.804	1477	1482	1488	rVB3	22489	31550	2.32%	0.229%
25	10.974	1507	1511	1514	rBV	18684	21734	1.60%	0.158%
26	11.063	1522	1526	1527	rBV	33690	31086	2.28%	0.226%
27	11.080	1527	1529	1531	rBV	34706	29145	2.14%	0.212%
28	11.263	1557	1560	1564	rVB2	59526	54790	4.02%	0.398%
29	11.363	1574	1577	1580	rBV	606227	572423	42.03%	4.154%
30	11.386	1580	1581	1584	rVV	261261	177319	13.02%	1.287%
31	11.439	1584	1590	1594	rVV	110147	97399	7.15%	0.707%
32	11.592	1610	1616	1618	rBV2	16921	31282	2.30%	0.227%
33	11.698	1630	1634	1636	rBV	31221	29944	2.20%	0.217%
34	11.780	1645	1648	1651	rBV	18669	20467	1.50%	0.149%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : TP-15-S

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-BF083019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.863	1658	1662	1664	rBV	37901	44697	3.28%	0.324%
36	11.886	1664	1666	1673	rVB2	90897	98072	7.20%	0.712%
37	11.939	1673	1675	1678	rBV	22473	24594	1.81%	0.178%
38	11.980	1678	1682	1684	rBV	89791	95695	7.03%	0.695%
39	12.098	1700	1702	1704	rBV2	17989	18654	1.37%	0.135%
40	12.157	1710	1712	1714	rBV	38472	32292	2.37%	0.234%
41	12.351	1742	1745	1749	rVB4	35114	48150	3.54%	0.349%
42	12.416	1753	1756	1759	rBV	44118	47673	3.50%	0.346%
43	12.574	1778	1783	1787	rBV	312140	308093	22.62%	2.236%
44	12.674	1797	1800	1802	rBV4	27704	33300	2.45%	0.242%
45	12.804	1817	1822	1824	rBV	248276	245145	18.00%	1.779%
46	12.945	1842	1846	1849	rBV	1467501	1286597	94.47%	9.337%
47	13.839	1995	1998	2005	rVB3	167473	225097	16.53%	1.634%
48	13.998	2021	2025	2028	rBV	521804	544372	39.97%	3.951%
49	15.456	2269	2273	2276	rBV	284885	336267	24.69%	2.440%

Sum of corrected areas: 13778830

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Instrument : BNA_F
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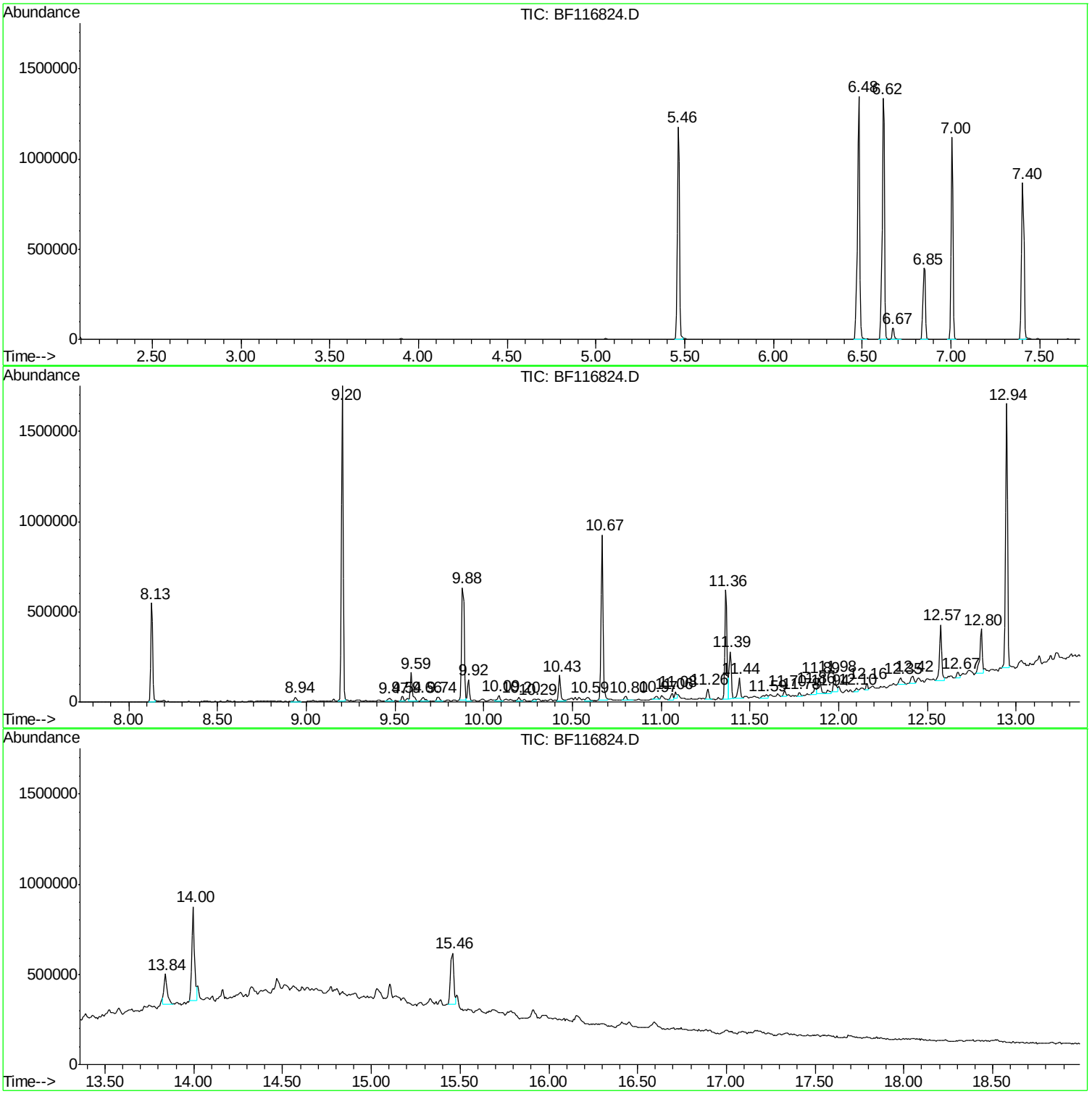
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
Data File : BF116824.D
Acq On : 4 Sep 2019 19:09
Operator : HP/JU
Sample : K4655-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

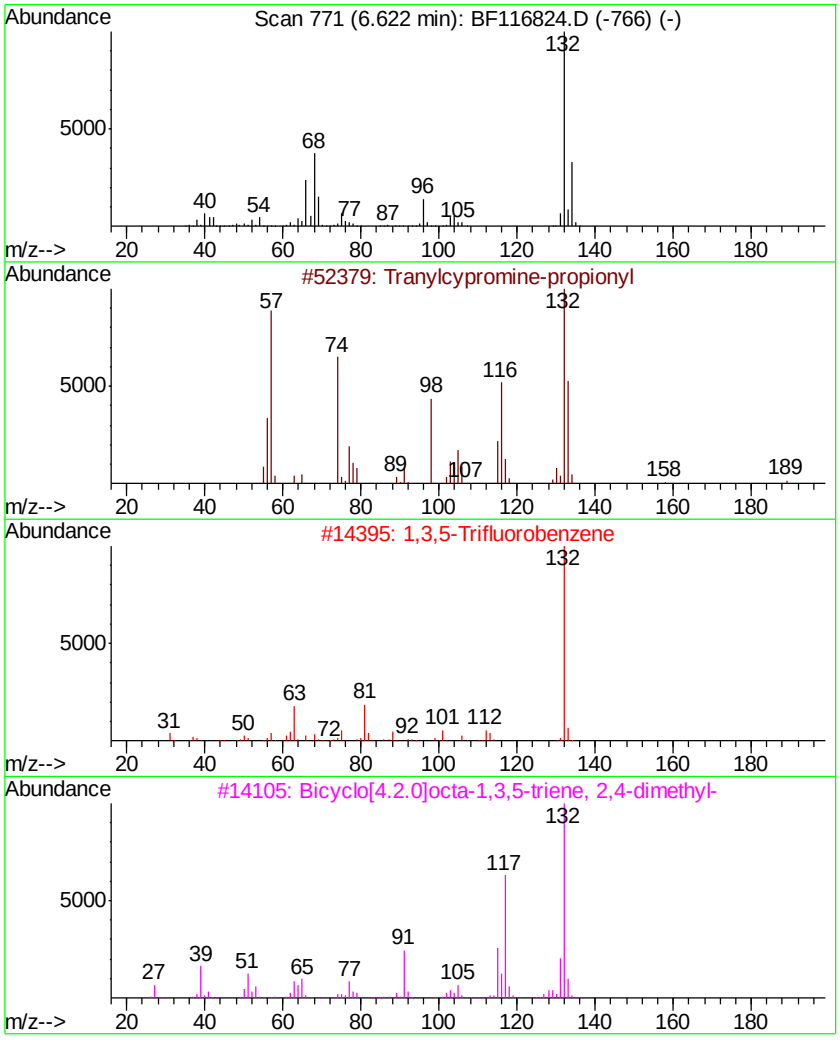
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

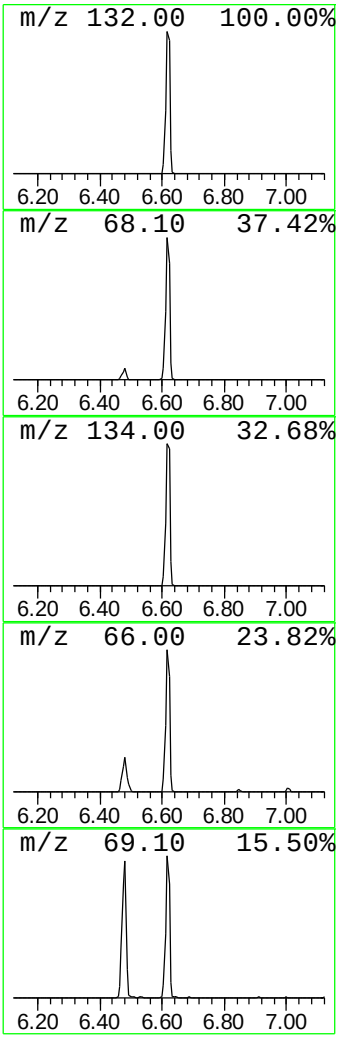
****

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	69.97 ng	1223890	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Xenon	132	Xe	007440-63-3	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-15-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

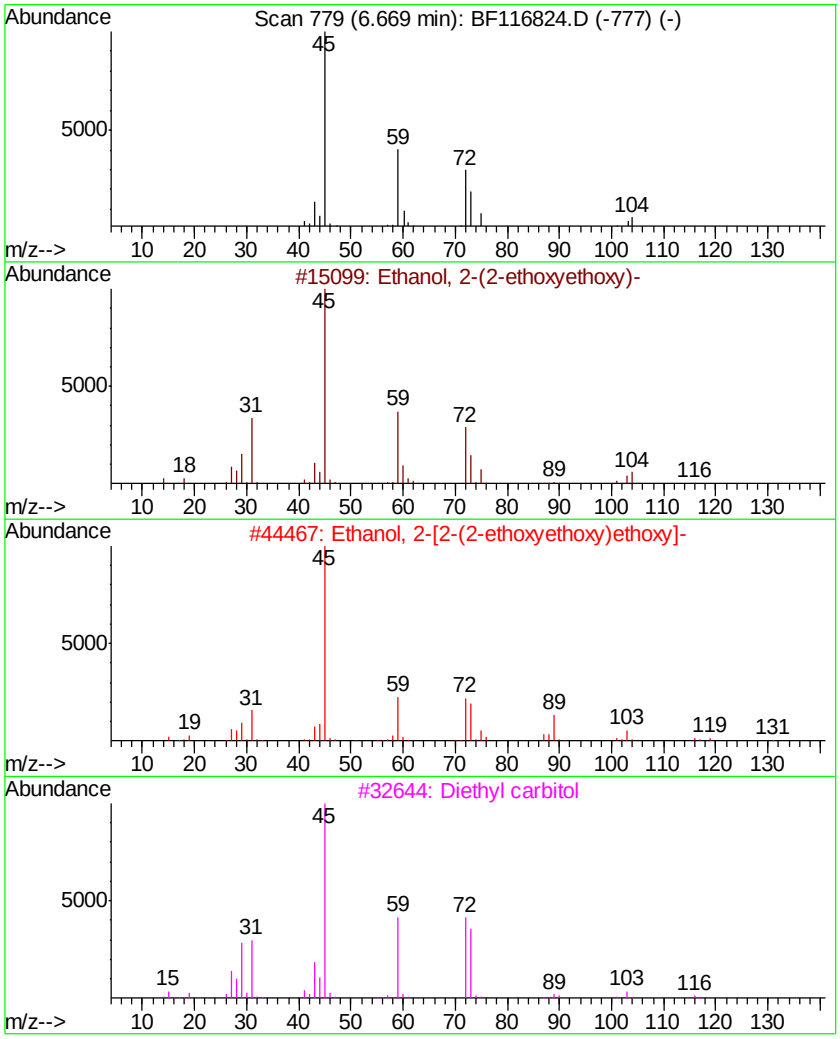
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

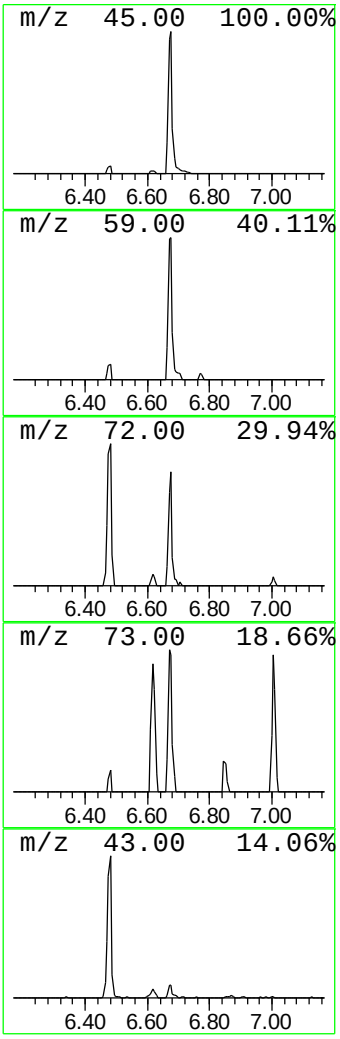
****

Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	3.25 ng	56855	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	50
3	Diethyl carbitol	162	C8H18O3	000112-36-7	45
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
5	Trimethylene glycol monomethyl e...	90	C4H10O2	001589-49-7	38





Library Search Compound Report

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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-15-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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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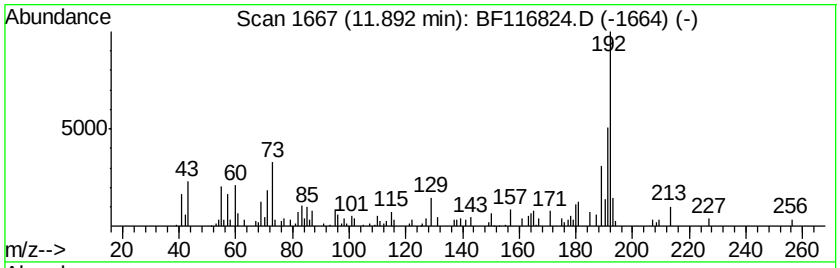
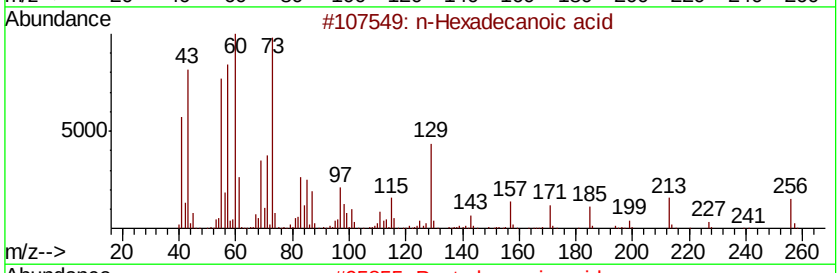
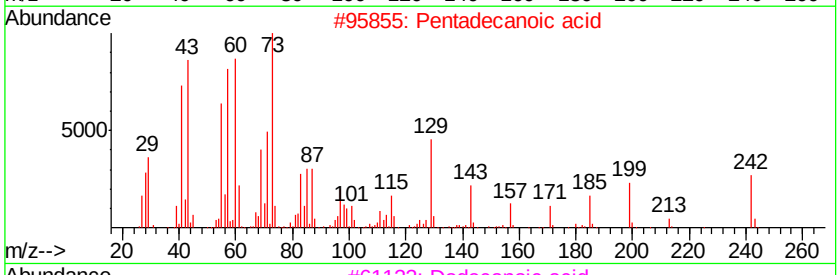
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

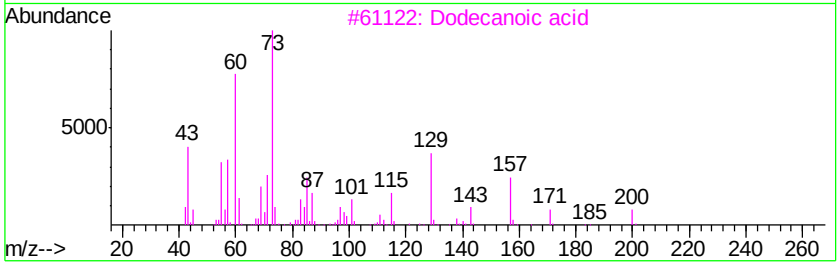
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	3.43 ng	98072	Phenanthrene-d10	11.36

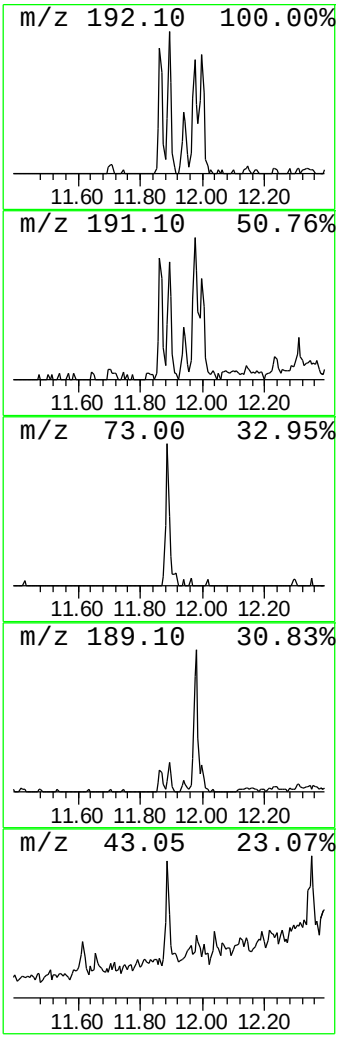
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
3	Dodecanoic acid	200	C12H24O2	000143-07-7	49
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	47











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Instrument : BNA_F
ClientSampleId : TP-15-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

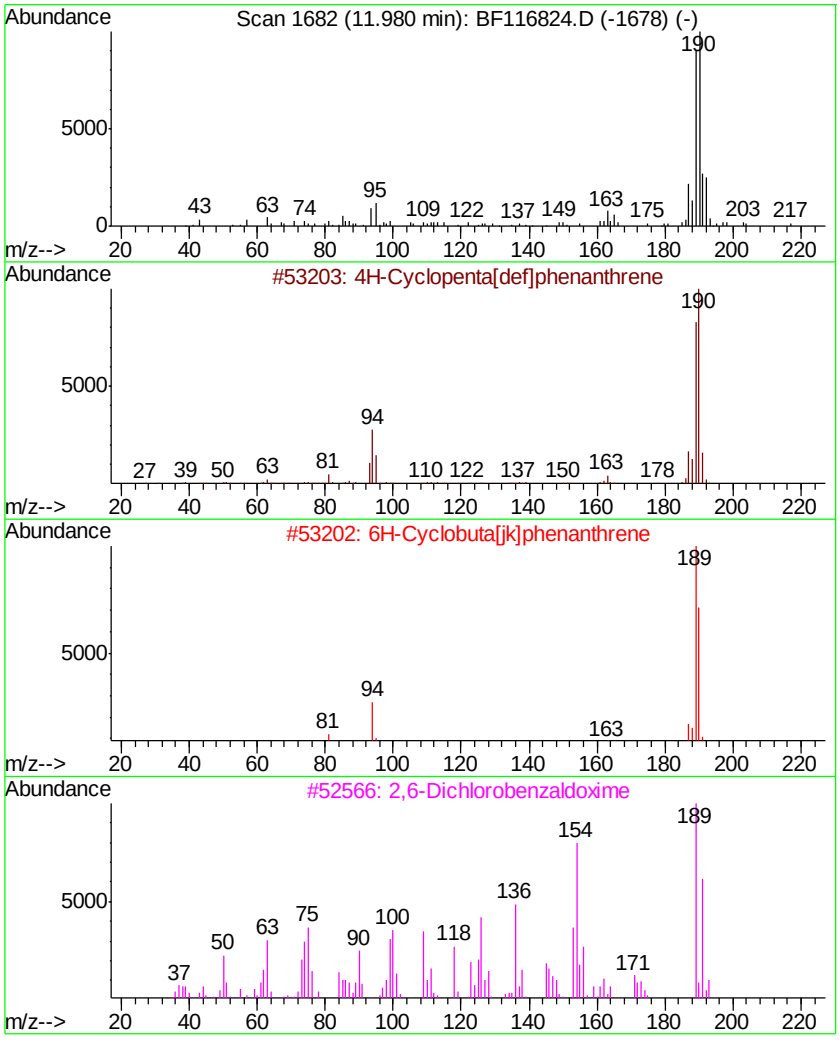
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

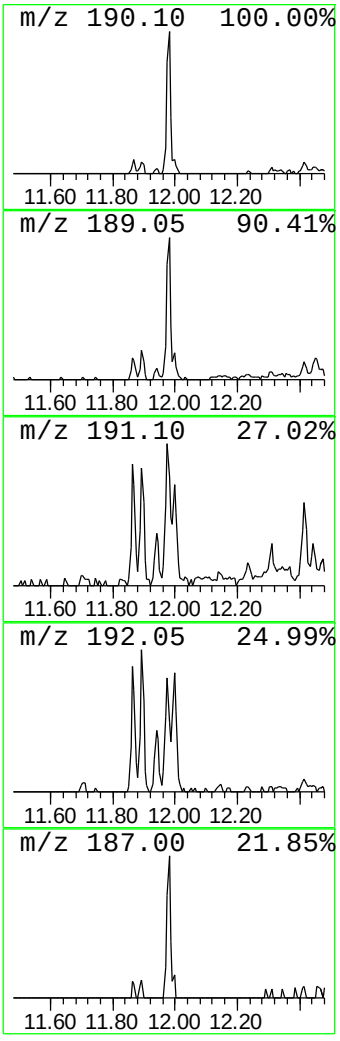
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	3.34 ng	95695	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
3	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	42
4	Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	36
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	36





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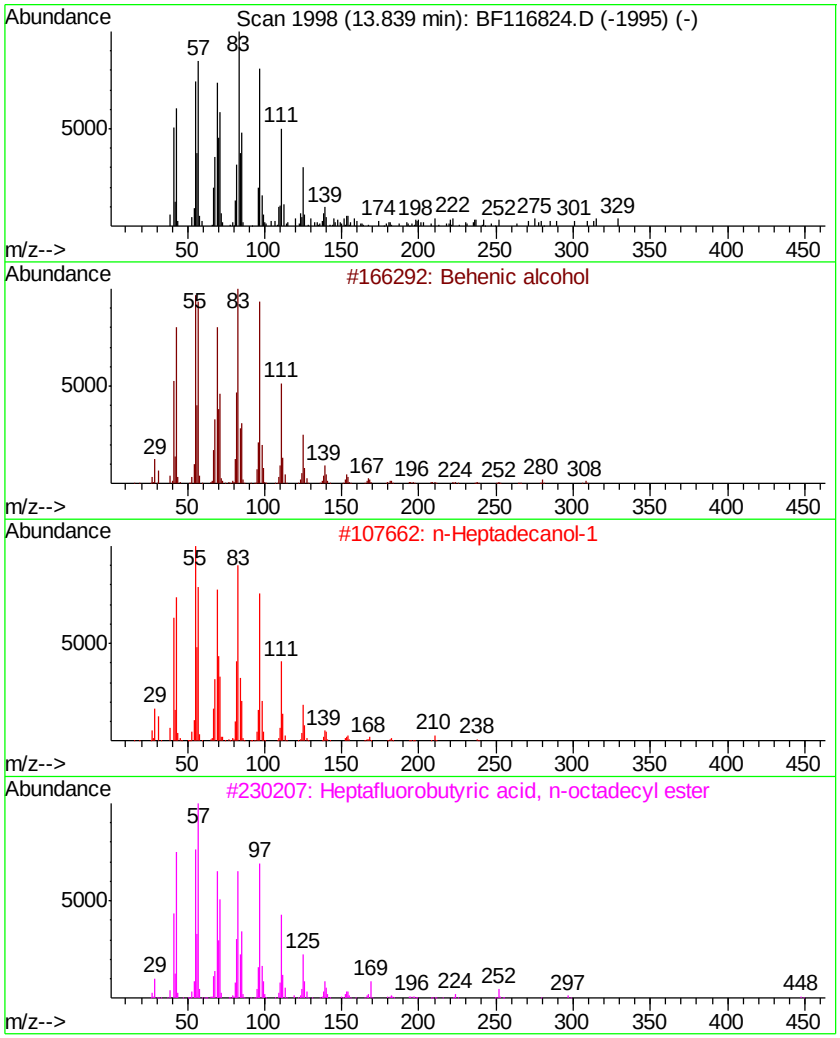
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

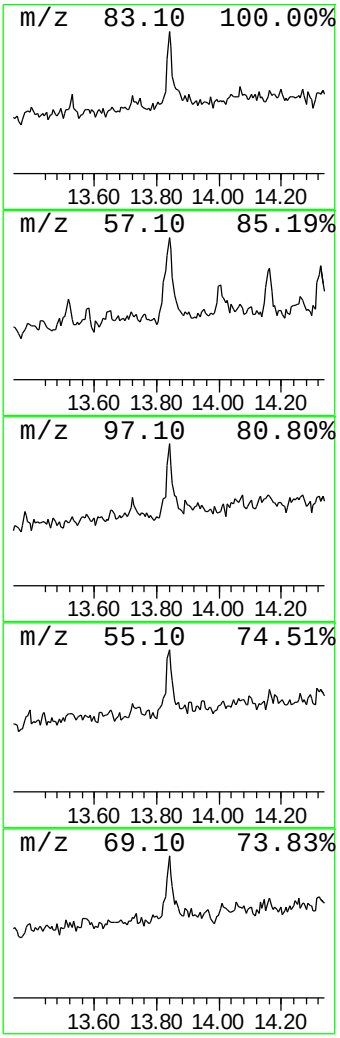
****

Peak Number 6 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	8.27 ng	225097	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	83
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	74
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	74
4	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	70
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	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
unknown6.62	6.62	70.0	ng	1223890	1	6.85	349849	20.0
Ethanol, 2-(2-eth...	6.67	3.3	ng	56855	1	6.85	349849	20.0
n-Hexadecanoic acid	11.89	3.4	ng	98072	4	11.36	572423	20.0
4H-Cyclopenta[def...	11.98	3.3	ng	95695	4	11.36	572423	20.0
Behenic alcohol	13.84	8.3	ng	225097	5	14.00	544372	20.0