LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
Data File : BF115512.D
Acq On : 11 Jul 2019 23:21
Operator : HP/JU
Sample : K3740-02 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-22

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-BF070519.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	4	9	18	rVB	452438	562521	49.48%	3.587%
2	3.969	316	320	324	rVB	22074	27501	2.42%	0.175%
3	5.093	505	511	517	rBV2	53005	59382	5.22%	0.379%
4	5.504	575	581	594	rBV	785884	758301	66.71%	4.835%
5	6.187	694	697	700	rBV	36851	33615	2.96%	0.214%
6	6.510	748	752	762	rBV	988593	842408	74.10%	5.371%
7	6.657	773	777	781	rBV	1072118	872860	76.78%	5.566%
8	6.722	785	788	793	rVB2	22188	20927	1.84%	0.133%
9	6.892	814	817	821	rBV	961586	741839	65.26%	4.730%
10	7.051	840	844	847	rVB	885043	724423	63.73%	4.619%
11	7.445	903	911	918	rBV	652904	551622	48.52%	3.517%
12	7.663	944	948	950	rBV	19270	18226	1.60%	0.116%
13	8.175	1031	1035	1043	rBV	1208245	1030047	90.61%	6.568%
14	8.239	1043	1046	1049	rVB	15389	20031	1.76%	0.128%
15	8.475	1078	1086	1088	rBV3	13625	21752	1.91%	0.139%
16	8.604	1105	1108	1110	rBV	24695	19344	1.70%	0.123%
17	8.710	1124	1126	1133	rVB2	29813	32198	2.83%	0.205%
18	9.069	1183	1187	1189	rBV4	10065	15699	1.38%	0.100%
19	9.204	1208	1210	1214	rVB2	32806	26165	2.30%	0.167%
20	9.251	1214	1218	1221	rBV	1377955	1112186	97.84%	7.092%
21	9.339	1229	1233	1237	rBV4	35903	40696	3.58%	0.259%
22	9.639	1281	1284	1289	rBV	188398	191971	16.89%	1.224%
23	9.710	1293	1296	1299	rVB4	13032	18073	1.59%	0.115%
24	9.804	1307	1312	1315	rBV3	15755	27661	2.43%	0.176%
25	9.933	1330	1334	1338	rBV	1286359	1115400	98.12%	7.112%
26	10.039	1349	1352	1356	rVB6	11665	17006	1.50%	0.108%
27	10.133	1365	1368	1370	rVB2	21635	20487	1.80%	0.131%
28	10.251	1385	1388	1391	rBV4	14090	17861	1.57%	0.114%
29	10.363	1405	1407	1410	rVB	31143	26076	2.29%	0.166%
30	10.475	1423	1426	1428	rBV4	16900	18070	1.59%	0.115%
31	10.586	1440	1445	1448	rBV2	31452	42233	3.72%	0.269%
32	10.716	1463	1467	1472	rBV	471890	455352	40.06%	2.903%
33	10.851	1485	1490	1495	rVB3	76448	107700	9.47%	0.687%
34	10.898	1495	1498	1501	rBV	59649	53117	4.67%	0.339%

LSC Area Percent Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
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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-BF070519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.933	1501	1504	1507	rVB2	56815	64308	5.66%	0.410%
36	10.969	1507	1510	1512	rBV	58409	57011	5.02%	0.364%
37	10.992	1512	1514	1516	rVV	35405	25223	2.22%	0.161%
38	11.033	1516	1521	1522	rVV2	24859	29719	2.61%	0.189%
39	11.080	1526	1529	1532	rVV3	46030	49426	4.35%	0.315%
40	11.116	1532	1535	1537	rVV	59172	43573	3.83%	0.278%
41	11.157	1540	1542	1545	rVB2	34014	28494	2.51%	0.182%
42	11.286	1561	1564	1566	rBV2	37761	30986	2.73%	0.198%
43	11.322	1567	1570	1574	rVB2	45904	49262	4.33%	0.314%
44	11.416	1582	1586	1589	rBV	1273853	1114459	98.04%	7.106%
45	11.439	1589	1590	1593	rVV	142692	86247	7.59%	0.550%
46	11.486	1597	1598	1602	rVB	31595	28509	2.51%	0.182%
47	11.716	1634	1637	1640	rVB	35985	29215	2.57%	0.186%
48	11.939	1673	1675	1679	rVB2	104277	94984	8.36%	0.606%
49	12.027	1688	1690	1693	rBV	28395	24417	2.15%	0.156%
50	12.121	1703	1706	1708	rVB	44059	34172	3.01%	0.218%
51	12.216	1720	1722	1724	rBV2	20740	18561	1.63%	0.118%
52	12.510	1770	1772	1776	rVB3	43300	39086	3.44%	0.249%
53	12.627	1789	1792	1795	rBV	273393	230069	20.24%	1.467%
54	12.727	1806	1809	1813	rBV2	69218	95537	8.40%	0.609%
55	12.857	1828	1831	1833	rBV	216860	176420	15.52%	1.125%
56	12.880	1833	1835	1838	rVB	79634	68678	6.04%	0.438%
57	12.998	1851	1855	1864	rVB	1276538	1046136	92.03%	6.671%
58	14.057	2030	2035	2037	rBV	1093895	1136791	100.00%	7.249%
59	14.468	2102	2105	2109	rBV	320188	294846	25.94%	1.880%
60	15.292	2242	2245	2250	rVB	333386	388631	34.19%	2.478%
61	15.539	2283	2287	2290	rBV	664590	755428	66.45%	4.817%

Sum of corrected areas: 15682938

LSC Report - Integrated Chromatogram

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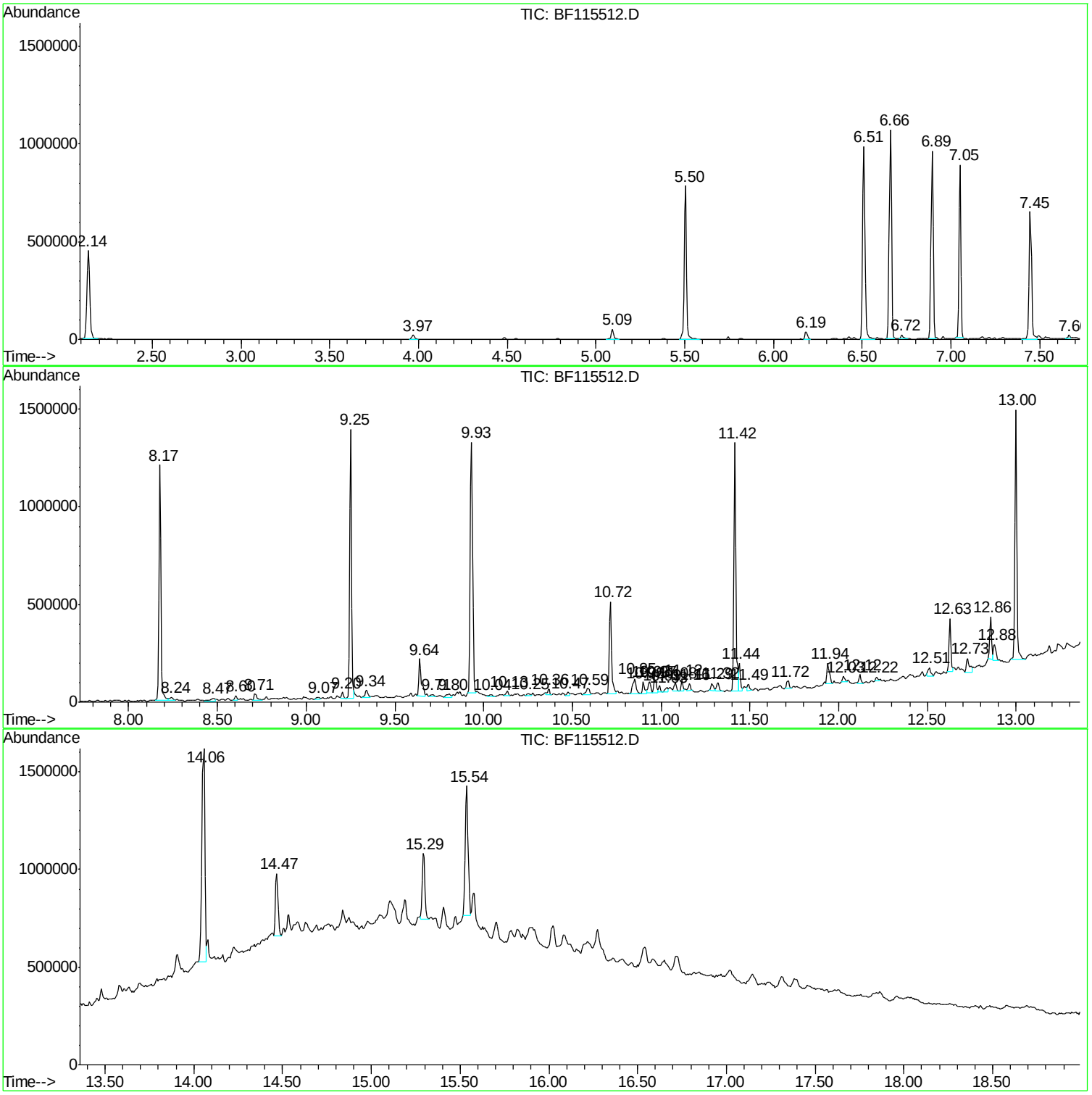
Sample : K3740-02 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.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\BF071119\
Data File : BF115512.D
Acq On : 11 Jul 2019 23:21
Operator : HP/JU
Sample : K3740-02 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

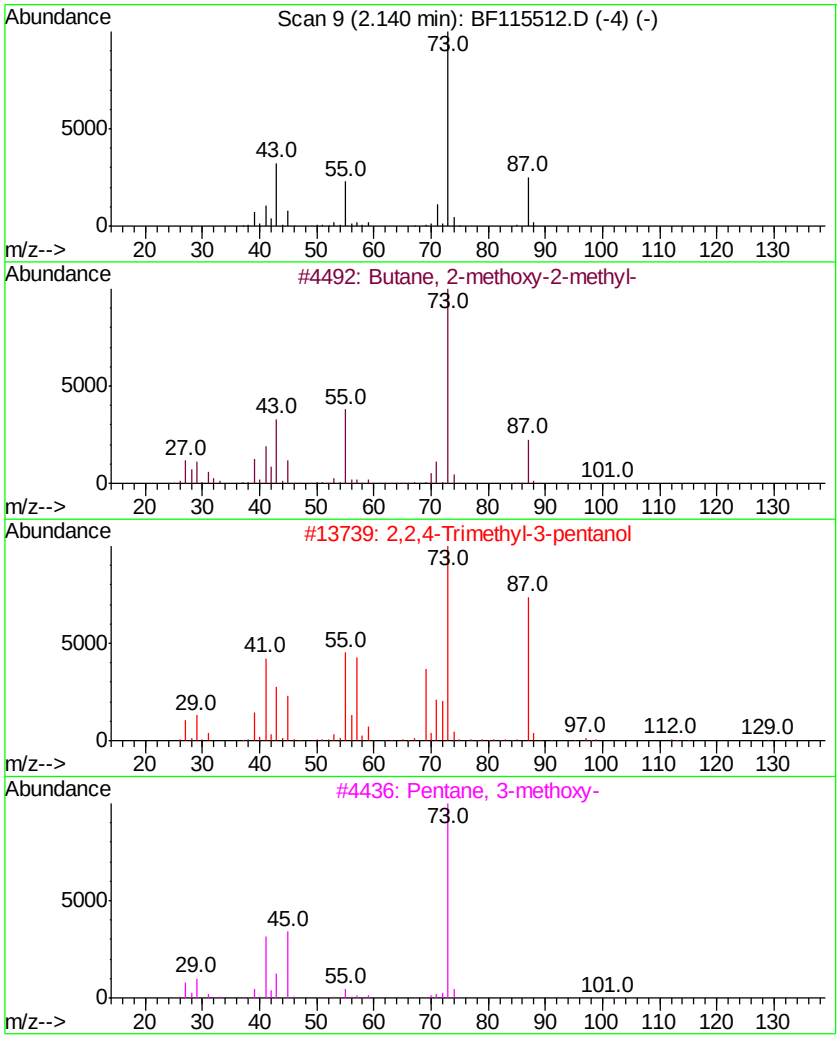
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

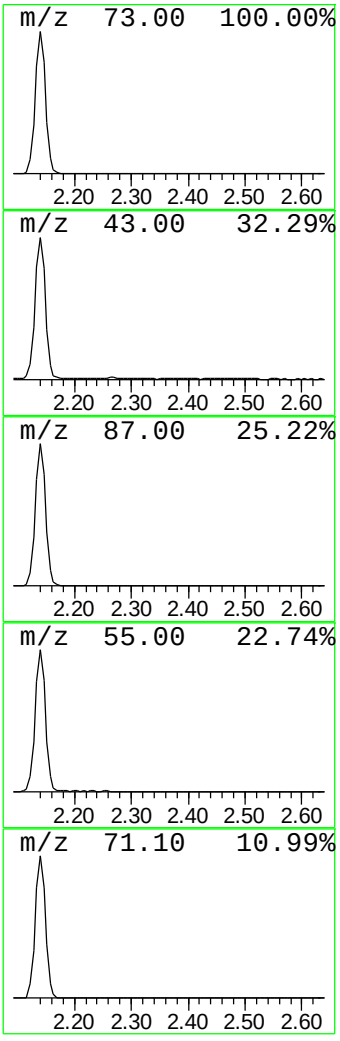
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	15.17 ng	562521	1,4-Dichlorobenzene-d4	6.89

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : COMP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

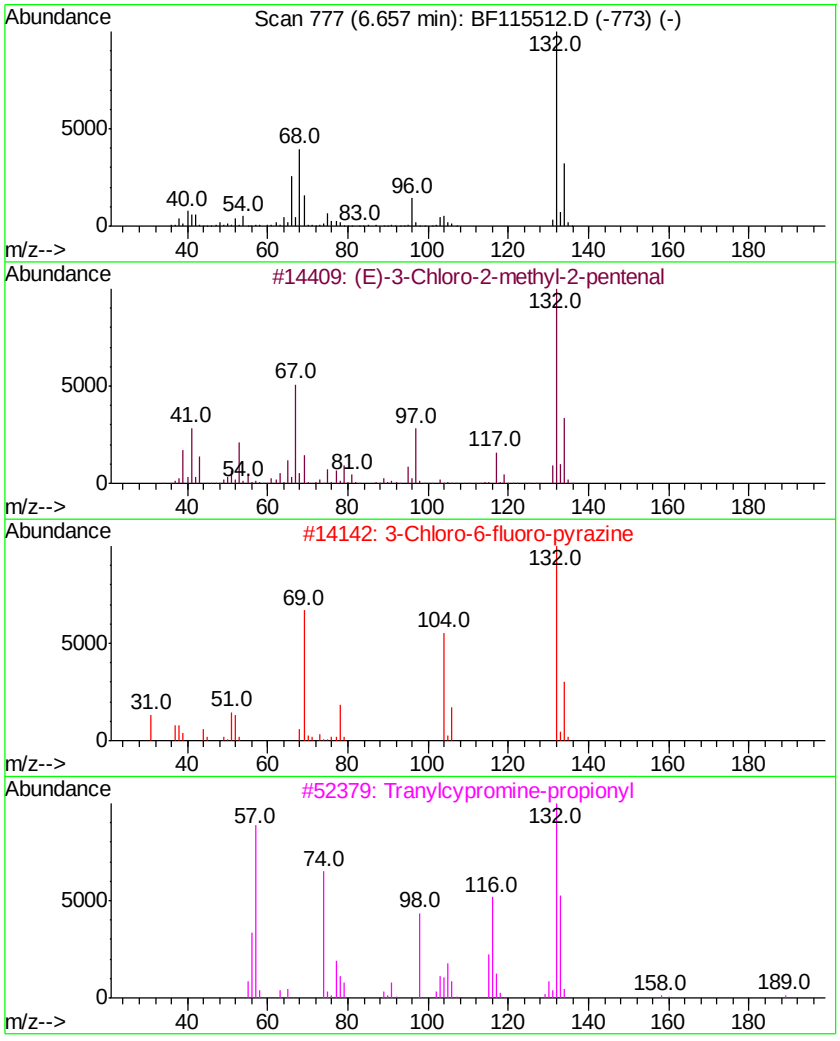
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

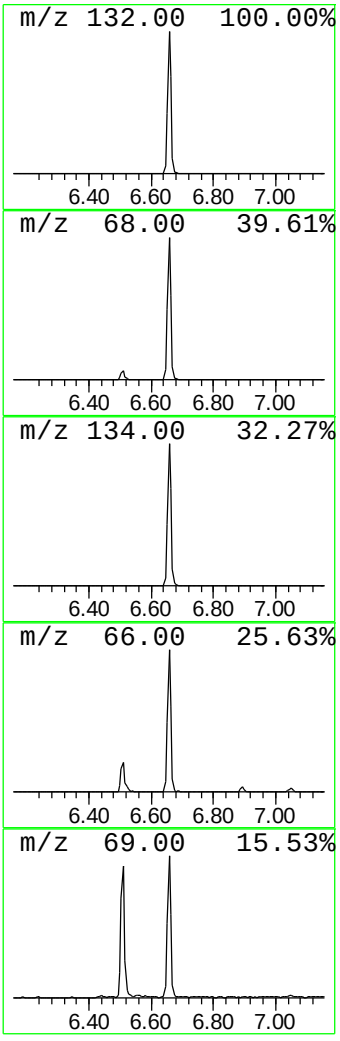
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	23.53 ng	872860	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	Xenon	132	Xe	007440-63-3	9





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Instrument : BNA_F
ClientSampleId : COMP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
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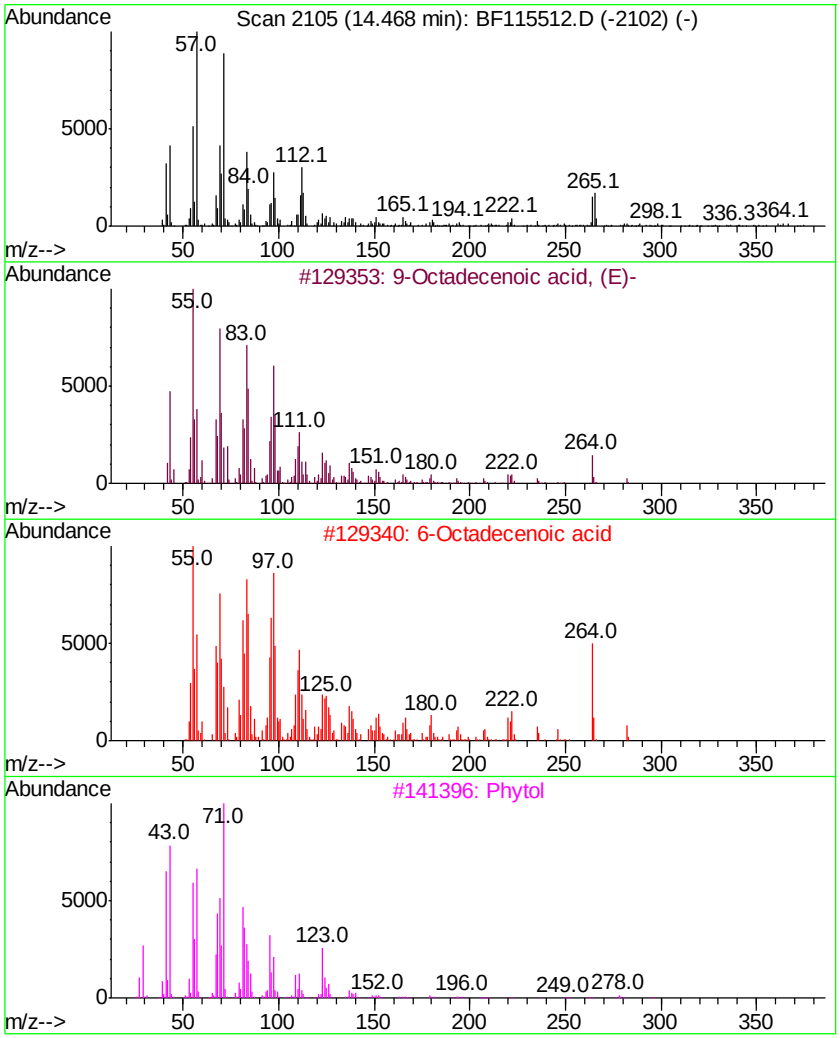
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

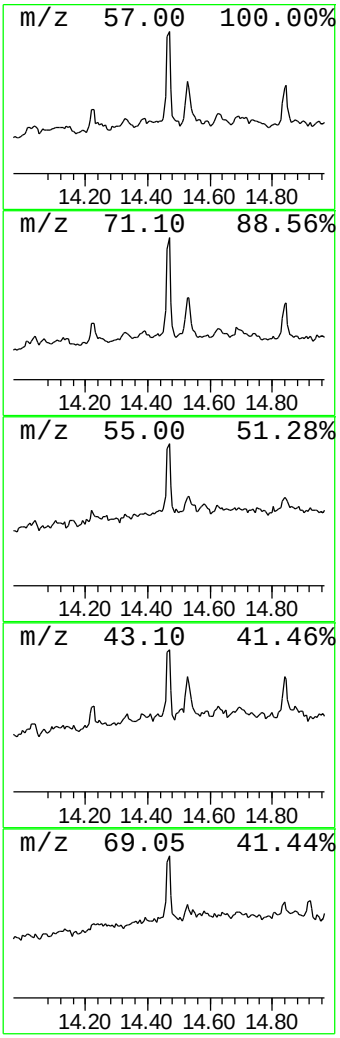
****

Peak Number 4 9-Octadecenoic acid, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	5.19 ng	294846	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	92
2	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	56
3	Phytol	296	C20H40O	000150-86-7	49
4	Oleic Acid	282	C18H34O2	000112-80-1	48
5	Oleyl alcohol, trifluoroacetate	364	C20H35F3O2	1000352-68-4	48





Library Search Compound Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-22

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

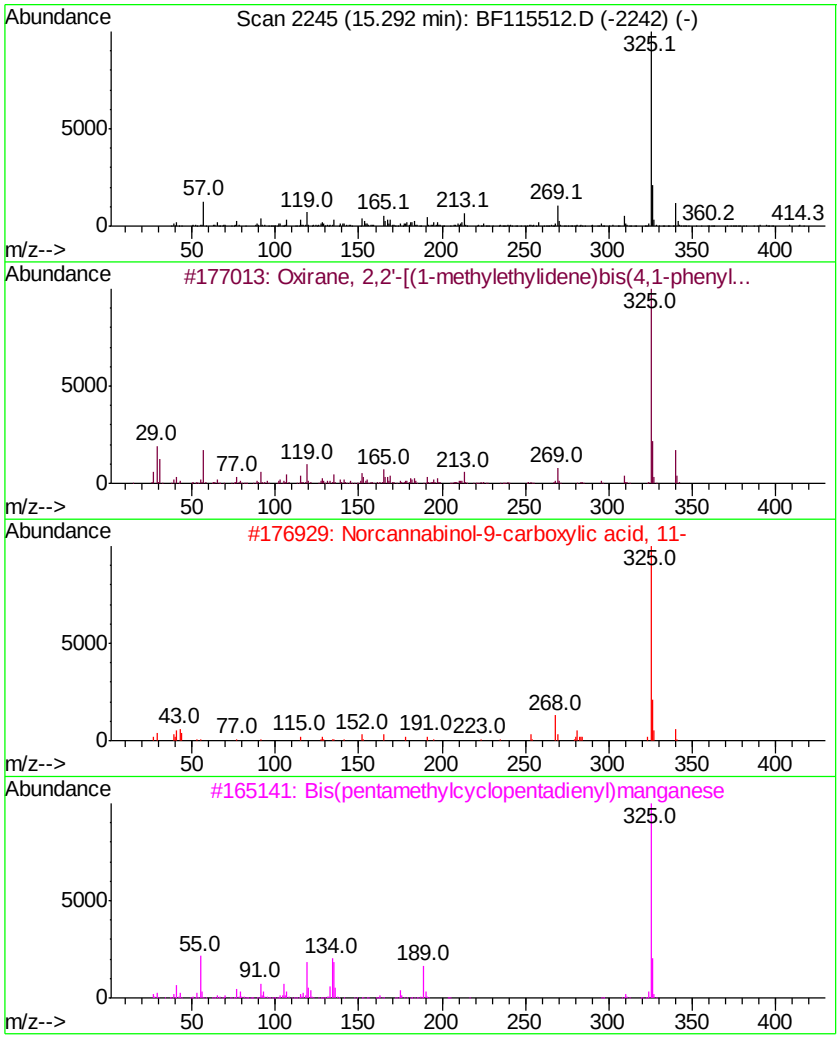
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

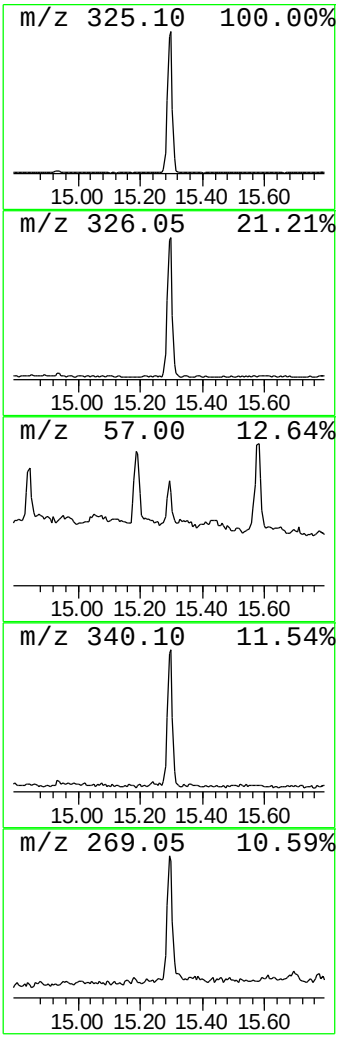
****

Peak Number 5 Oxirane, 2,2'-[(1-methyleth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	10.29 ng	388631	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2,2'-[(1-methylethylide...	340	C21H24O4	001675-54-3	96
2	Norcannabinol-9-carboxylic acid,...	340	C21H24O4	053989-32-5	64
3	Bis(pentamethylcyclopentadienyl)...	325	C20H30Mn	067506-86-9	53
4	N,N'-Bis(salicylidene)ethylenedi...	325	C16H14CoN2O2	014167-18-1	53
5	6-Methyl-2-phenyl-7-(2,4-dimethy...	325	C24H23N	064002-75-1	45





Tentatively Identified Compound (LSC) summary

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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	15.2	ng	562521	1	6.89	741839	20.0
unknown6.66	6.66	23.5	ng	872860	1	6.89	741839	20.0
9-Octadecenoic ac...	14.47	5.2	ng	294846	5	14.06	1136790	20.0
Oxirane, 2,2'-[(1...	15.29	10.3	ng	388631	6	15.54	755428	20.0