LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133082.D
Acq On : 27 Apr 2023 00:05
Operator : CG\JU
Sample : 02490-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : VNJ-201

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133082.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.281	367	373	379	rBV	92492	111258	2.37%	0.294%
2	4.928	474	483	495	rVB	815310	1058035	22.51%	2.799%
3	5.351	549	555	558	rBV	4047086	4448920	94.64%	11.770%
4	5.740	615	621	627	rBV	64648	56477	1.20%	0.149%
5	6.375	723	729	732	rBV	4240747	4501214	95.76%	11.909%
6	6.734	786	790	793	rBV	1384920	1018819	21.67%	2.695%
7	7.298	881	886	889	rBV	3275339	2883947	61.35%	7.630%
8	8.016	1005	1008	1011	rBV	1790185	1388020	29.53%	3.672%
9	9.098	1187	1192	1195	rBV	5159171	4700754	100.00%	12.437%
10	9.769	1302	1306	1309	rBV	2080246	1563569	33.26%	4.137%
11	10.480	1423	1427	1431	rBV	218524	176387	3.75%	0.467%
12	10.557	1435	1440	1443	rBV	3368954	3054253	64.97%	8.081%
13	11.251	1554	1558	1560	rBV	1909398	1578401	33.58%	4.176%
14	11.269	1560	1561	1565	rVV	192111	137045	2.92%	0.363%
15	11.322	1565	1570	1573	rVB	99628	82557	1.76%	0.218%
16	11.786	1645	1649	1653	rBV2	453968	395723	8.42%	1.047%
17	11.857	1658	1661	1664	rBV	91905	93132	1.98%	0.246%
18	12.298	1733	1736	1739	rBV	47018	52683	1.12%	0.139%
19	12.339	1739	1743	1744	rVV3	65369	88706	1.89%	0.235%
20	12.380	1747	1750	1755	rVV2	85839	155993	3.32%	0.413%
21	12.457	1759	1763	1767	rVB	768343	656831	13.97%	1.738%
22	12.569	1779	1782	1786	rBV3	85417	98645	2.10%	0.261%
23	12.610	1786	1789	1794	rVV2	49585	71245	1.52%	0.188%
24	12.686	1796	1802	1805	rVV	662476	675514	14.37%	1.787%
25	12.745	1807	1812	1816	rVB4	57017	90079	1.92%	0.238%
26	12.839	1824	1828	1831	rBV	4815232	4234153	90.07%	11.202%
27	12.904	1835	1839	1843	rBV2	51613	69550	1.48%	0.184%
28	13.016	1855	1858	1861	rVB2	89789	94331	2.01%	0.250%
29	13.080	1866	1869	1872	rBV	95830	78762	1.68%	0.208%
30	13.116	1872	1875	1878	rBV	75096	73533	1.56%	0.195%
31	13.421	1924	1927	1930	rBV	74244	60207	1.28%	0.159%
32	13.516	1940	1943	1949	rVB	49785	58940	1.25%	0.156%
33	13.627	1958	1962	1965	rBV2	57279	70403	1.50%	0.186%
34	13.751	1981	1983	1986	rVB	73524	52951	1.13%	0.140%
35	13.804	1986	1992	1994	rBV5	54712	107748	2.29%	0.285%
36	13.880	2000	2005	2008	rBV2	1298416	1348935	28.70%	3.569%

LSC Area Percent Report

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Sample : 02490-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-201

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.904	2008	2009	2012	rVB	223072	159509	3.39%	0.422%
38	14.068	2034	2037	2039	rVB2	74215	62926	1.34%	0.166%
39	14.368	2085	2088	2091	rBV3	54437	55886	1.19%	0.148%
40	14.668	2137	2139	2144	rVB2	51913	58314	1.24%	0.154%
41	14.898	2174	2178	2181	rBV	209476	323720	6.89%	0.856%
42	14.998	2191	2195	2200	rVB2	73543	89798	1.91%	0.238%
43	15.180	2223	2226	2231	rVB	117210	139669	2.97%	0.370%
44	15.239	2232	2236	2242	rBV	173809	198531	4.22%	0.525%
45	15.304	2242	2247	2250	rBV	962562	1086400	23.11%	2.874%
46	16.668	2474	2479	2487	rVB2	75193	146684	3.12%	0.388%
47	17.074	2544	2548	2556	rVB	48819	88156	1.88%	0.233%

Sum of corrected areas: 37797313

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Instrument :
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ClientSampleId :
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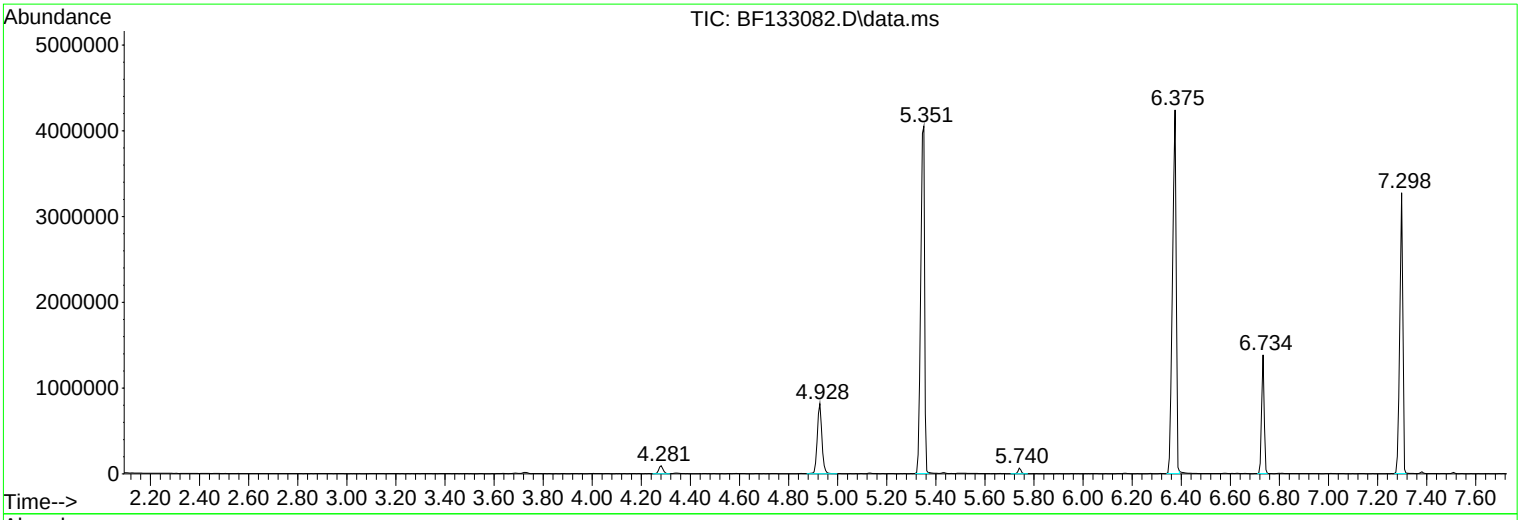
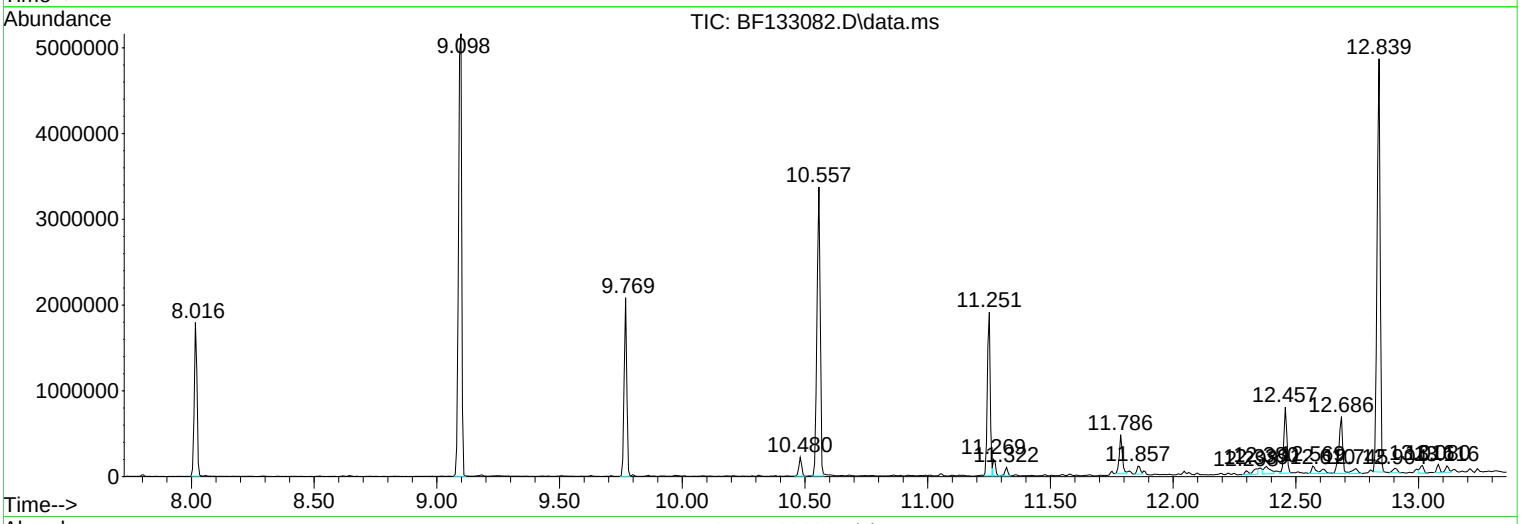
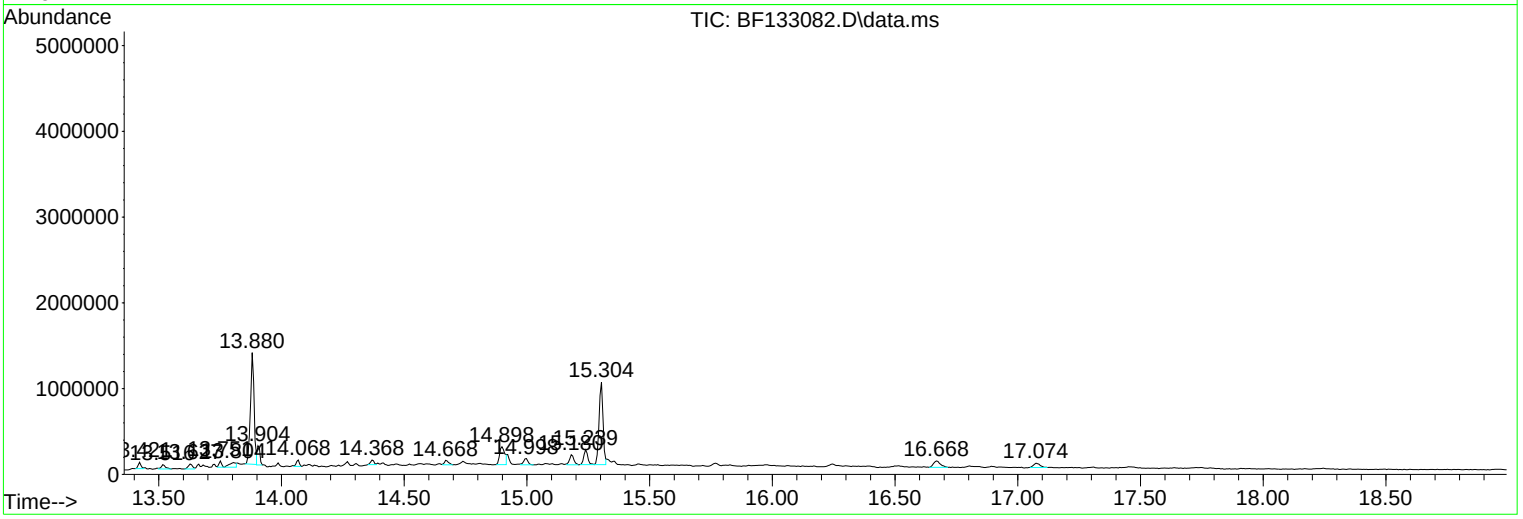
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Data File : BF133082.D
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Operator : CG\JU
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

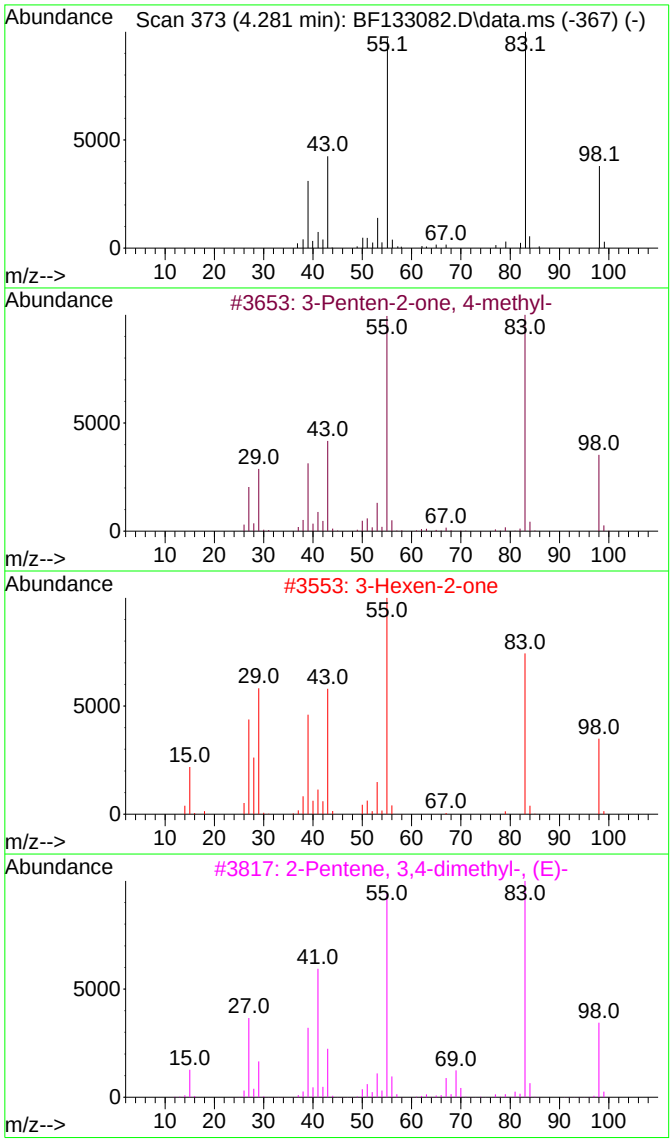
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

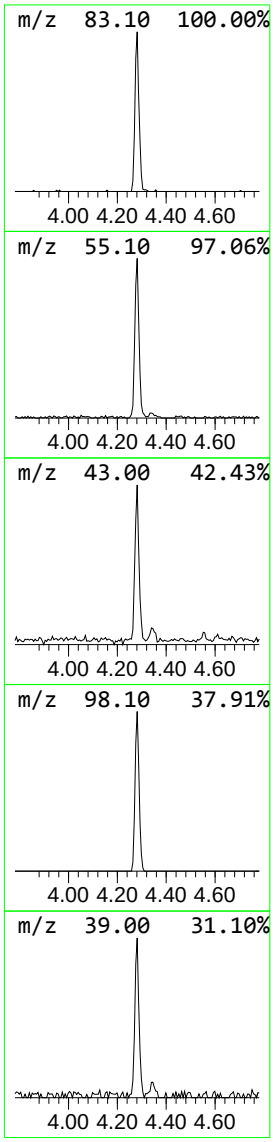
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.281	2.18 ng	111258	1,4-Dichlorobenzene-d4	6.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	80





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Operator : CG\JU
Sample : 02490-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-201

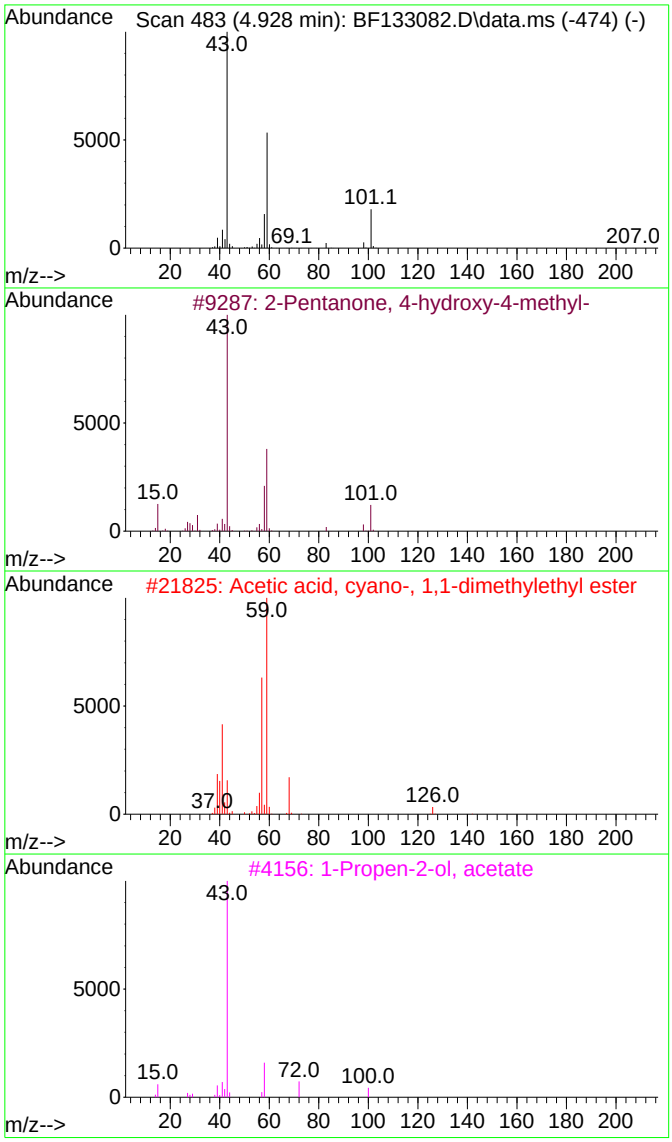
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

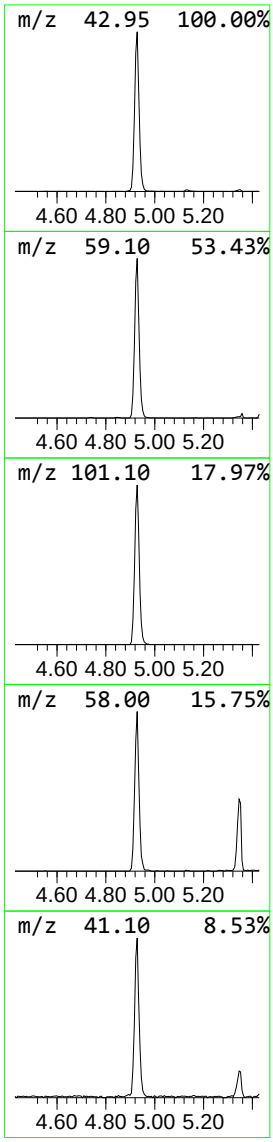
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.928	20.77 ng	1058040	1,4-Dichlorobenzene-d4	6.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
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Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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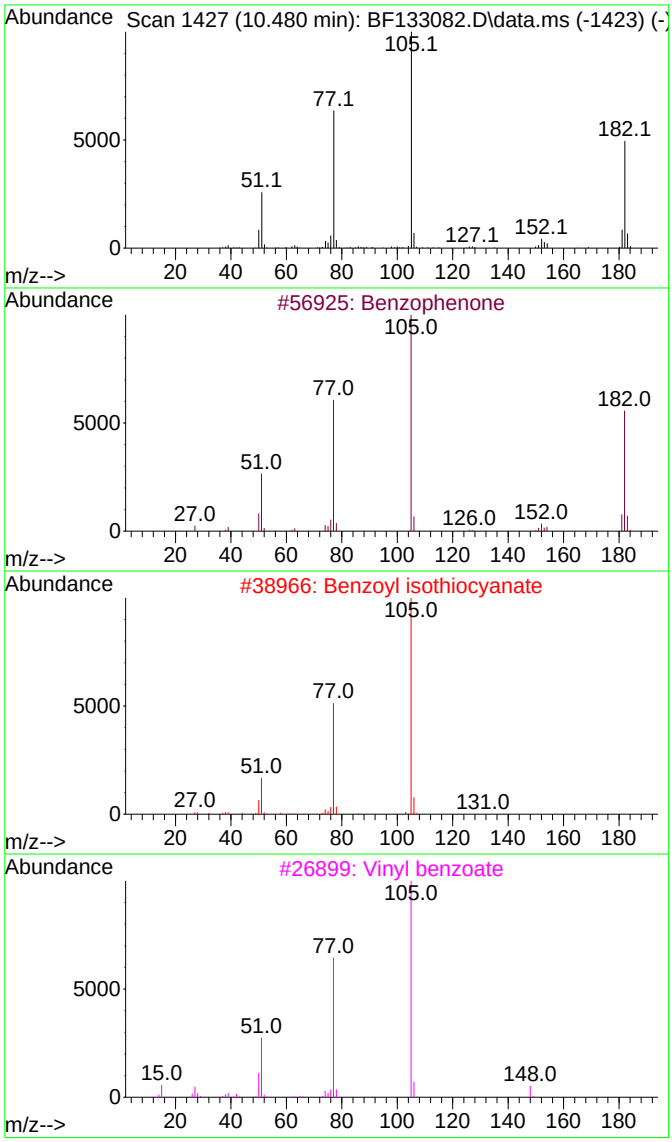
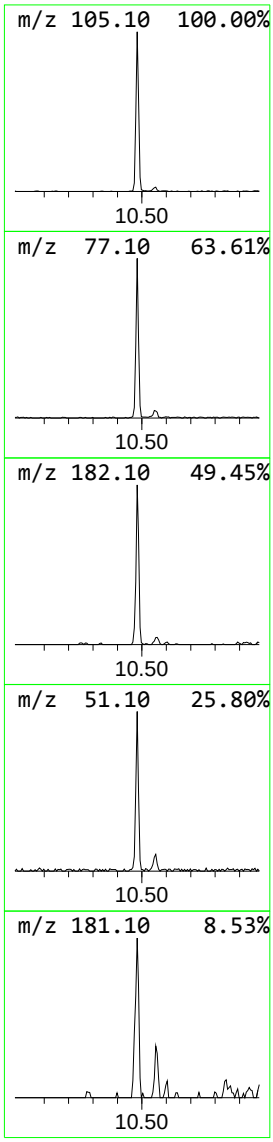
Peak Number 3 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.480	2.26 ng	176387	Acenaphthene-d10	9.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47
3	Vinyl benzoate	148	C9H8O2	000769-78-8	47
4	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
5	2-Benzoyl-4-bromo-5-methyl-1,2-o...	281	C11H8BrNO3	1000444-92-3	47





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-201

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

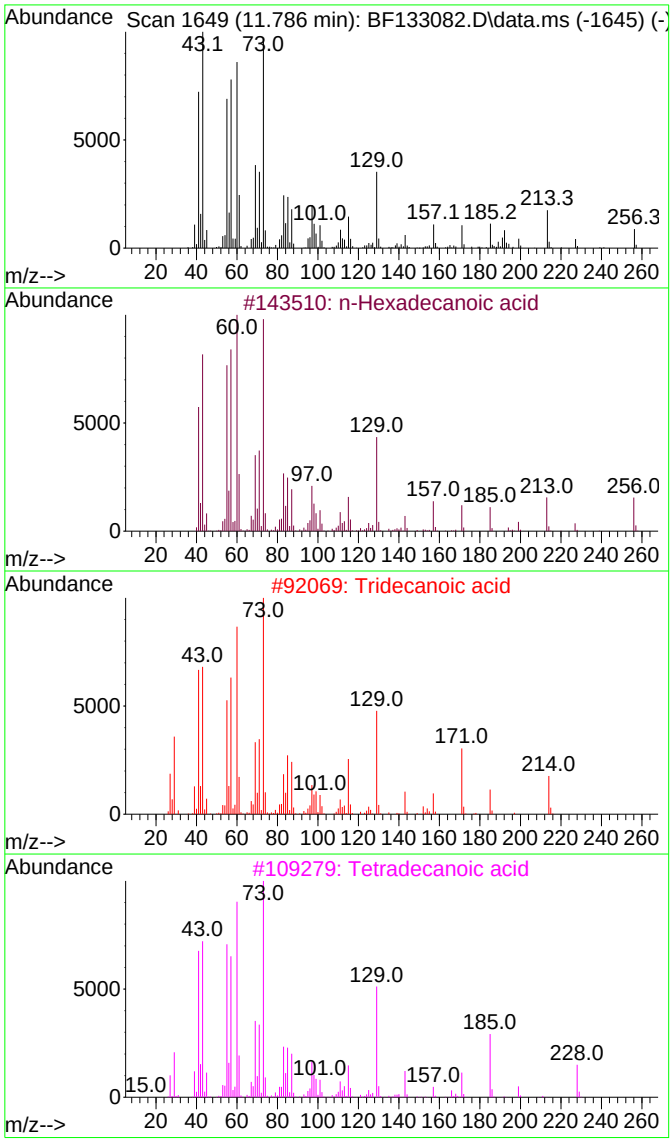
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

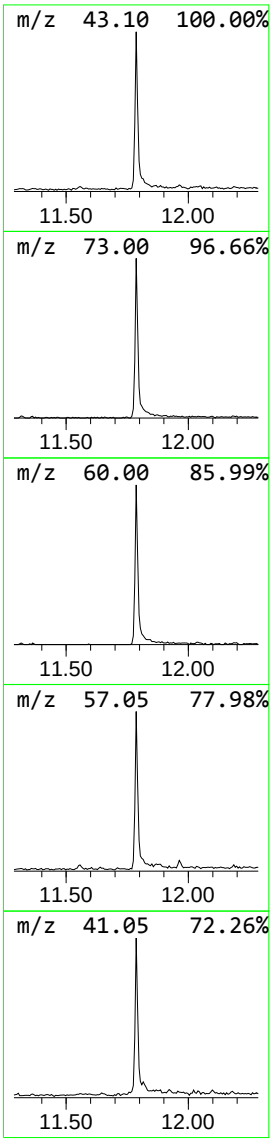
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	5.01 ng	395723	Phenanthrene-d10	11.251

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	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

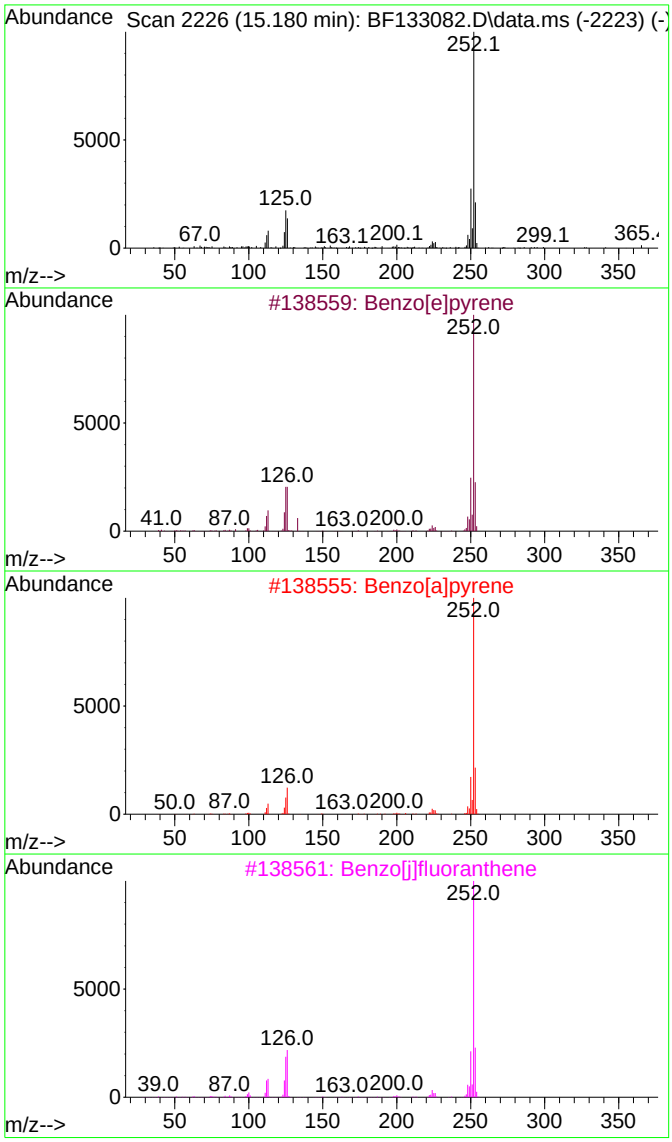
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

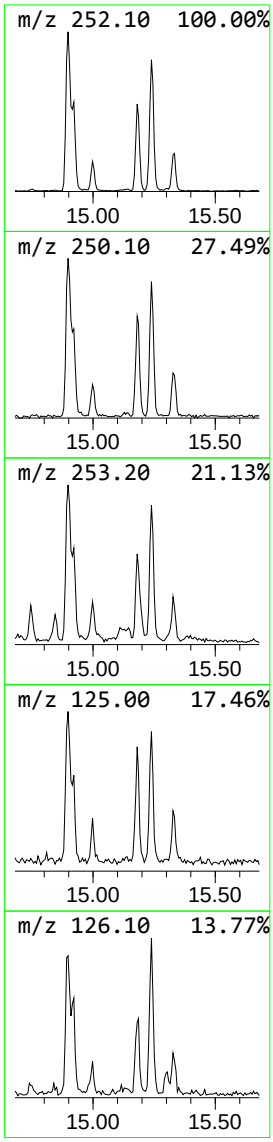
****

Peak Number 5 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	2.57 ng	139669	Perylene-d12	15.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	97
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	97
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one,...	4.281	2.2	ng	111258	1	6.734	1018820	20.0
2-Pentanone, 4-...	4.928	20.8	ng	1058040	1	6.734	1018820	20.0
Benzophenone	10.480	2.3	ng	176387	3	9.769	1563570	20.0
n-Hexadecanoic ...	11.786	5.0	ng	395723	4	11.251	1578400	20.0
Benzo[e]pyrene	15.180	2.6	ng	139669	6	15.304	1086400	20.0