LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
Data File : BF135828.D
Acq On : 17 Oct 2023 23:35
Operator : CG\JU
Sample : 04892-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-10132023-A

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-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135828.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.951	484	487	507	rVB	211773	268031	30.27%	2.991%
2	5.375	556	559	579	rBV	603279	885588	100.00%	9.883%
3	6.398	729	733	758	rBV	578686	845753	95.50%	9.438%
4	6.616	766	770	775	rBV6	5137	12026	1.36%	0.134%
5	6.740	788	791	802	rBV	491246	443340	50.06%	4.948%
6	7.304	884	887	905	rBV	524934	528047	59.63%	5.893%
7	7.992	1001	1004	1005	rBV2	15035	12759	1.44%	0.142%
8	8.016	1005	1008	1015	rVB	589622	473860	53.51%	5.288%
9	8.434	1076	1079	1081	rBV	22075	18216	2.06%	0.203%
10	8.451	1081	1082	1089	rVB5	12146	15854	1.79%	0.177%
11	8.604	1105	1108	1112	rBV	29926	24704	2.79%	0.276%
12	8.886	1154	1156	1158	rBV2	12871	12167	1.37%	0.136%
13	8.969	1166	1170	1174	rBV5	13737	19505	2.20%	0.218%
14	9.010	1174	1177	1179	rBV2	10690	11552	1.30%	0.129%
15	9.034	1179	1181	1188	rBV	32468	24126	2.72%	0.269%
16	9.092	1188	1191	1199	rVB	906868	745187	84.15%	8.316%
17	9.169	1200	1204	1208	rBV	47890	53513	6.04%	0.597%
18	9.216	1208	1212	1216	rBV	182185	177146	20.00%	1.977%
19	9.363	1234	1237	1242	rBV6	12199	20365	2.30%	0.227%
20	9.469	1253	1255	1257	rBV3	14176	15166	1.71%	0.169%
21	9.492	1257	1259	1261	rVV2	32160	23577	2.66%	0.263%
22	9.522	1261	1264	1267	rVB5	13608	15110	1.71%	0.169%
23	9.639	1281	1284	1288	rBV2	24005	28449	3.21%	0.317%
24	9.675	1288	1290	1292	rVV2	18595	13918	1.57%	0.155%
25	9.704	1292	1295	1299	rVV	40296	31821	3.59%	0.355%
26	9.745	1299	1302	1304	rBV3	12735	15247	1.72%	0.170%
27	9.775	1304	1307	1311	rVV	577803	450240	50.84%	5.025%
28	9.804	1311	1312	1316	rVB3	13046	11063	1.25%	0.123%
29	9.881	1322	1325	1330	rBV7	10503	11667	1.32%	0.130%
30	9.939	1331	1335	1337	rBV5	7936	12462	1.41%	0.139%
31	10.028	1347	1350	1353	rVB3	18648	18389	2.08%	0.205%
32	10.175	1373	1375	1378	rBV4	11203	12031	1.36%	0.134%
33	10.204	1378	1380	1383	rVB	32527	24154	2.73%	0.270%
34	10.333	1399	1402	1405	rVB2	11000	12737	1.44%	0.142%
35	10.422	1413	1417	1425	rVB	20645	33561	3.79%	0.375%
36	10.575	1440	1443	1455	rBV	466060	439630	49.64%	4.906%

LSC Area Percent Report

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Operator : CG\JU
Sample : 04892-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-10132023-A

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-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.692	1458	1463	1466	rBV2	34879	47427	5.36%	0.529%
38	11.133	1535	1538	1540	rBV2	18710	17956	2.03%	0.200%
39	11.163	1540	1543	1548	rVB3	25251	35429	4.00%	0.395%
40	11.275	1558	1562	1564	rBV	550947	474466	53.58%	5.295%
41	11.298	1564	1566	1570	rVV	128620	109704	12.39%	1.224%
42	11.351	1573	1575	1578	rVB	23910	21087	2.38%	0.235%
43	11.522	1602	1604	1607	rVB	11495	10826	1.22%	0.121%
44	11.563	1608	1611	1613	rVB2	19009	16386	1.85%	0.183%
45	11.610	1616	1619	1625	rVB2	13674	14056	1.59%	0.157%
46	11.745	1638	1642	1644	rBV5	9421	11960	1.35%	0.133%
47	11.780	1645	1648	1650	rBV	26674	25925	2.93%	0.289%
48	11.804	1650	1652	1659	rVV2	143311	166496	18.80%	1.858%
49	11.892	1664	1667	1669	rVV	45555	47929	5.41%	0.535%
50	11.916	1669	1671	1673	rVB	23957	19449	2.20%	0.217%
51	11.975	1678	1681	1684	rVV	15743	15813	1.79%	0.176%
52	12.075	1696	1698	1702	rBV2	18512	20514	2.32%	0.229%
53	12.257	1727	1729	1732	rVB3	17484	13651	1.54%	0.152%
54	12.333	1739	1742	1744	rBV	29777	26796	3.03%	0.299%
55	12.363	1744	1747	1751	rVV5	25080	38151	4.31%	0.426%
56	12.498	1767	1770	1773	rBV	196975	174693	19.73%	1.950%
57	12.598	1785	1787	1792	rBV3	38540	47434	5.36%	0.529%
58	12.651	1794	1796	1798	rVV3	16236	12882	1.45%	0.144%
59	12.727	1804	1809	1814	rBV	190825	220208	24.87%	2.457%
60	12.869	1829	1833	1836	rBV	923679	793754	89.63%	8.858%
61	13.033	1859	1861	1863	rBV3	22437	24740	2.79%	0.276%
62	13.939	2011	2015	2018	rBV2	495911	494953	55.89%	5.524%
63	15.421	2264	2267	2273	rVB	248246	297101	33.55%	3.316%

Sum of corrected areas: 8960747

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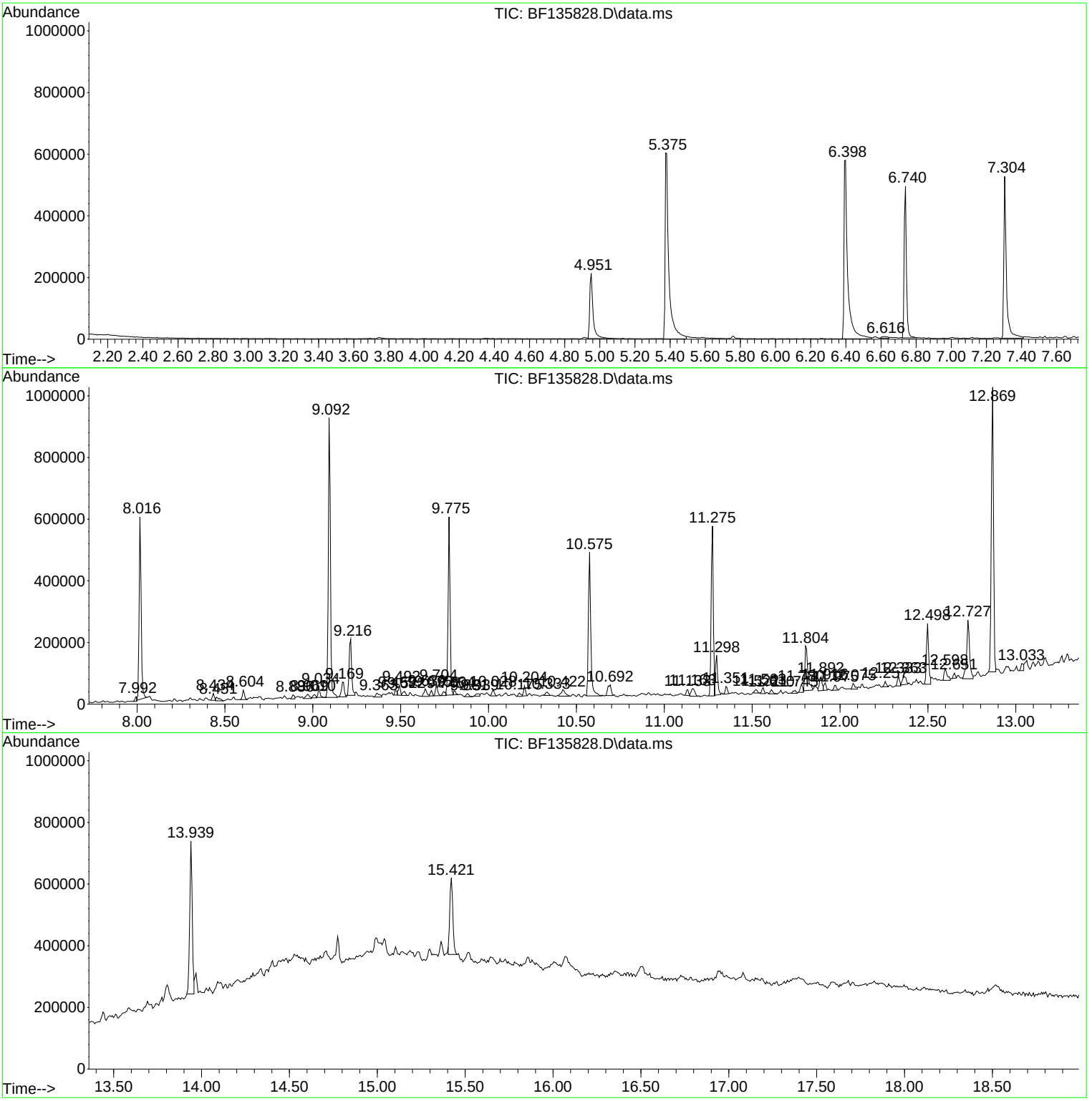
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-10132023-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
Data File : BF135828.D
Acq On : 17 Oct 2023 23:35
Operator : CG\JU
Sample : 04892-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-10132023-A

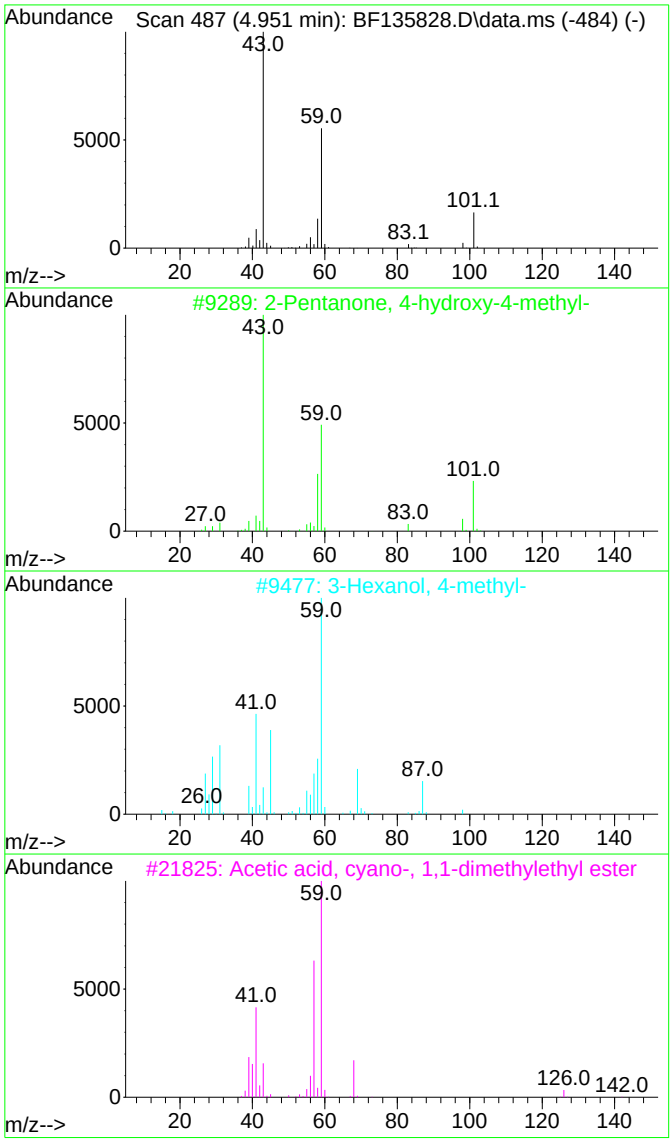
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

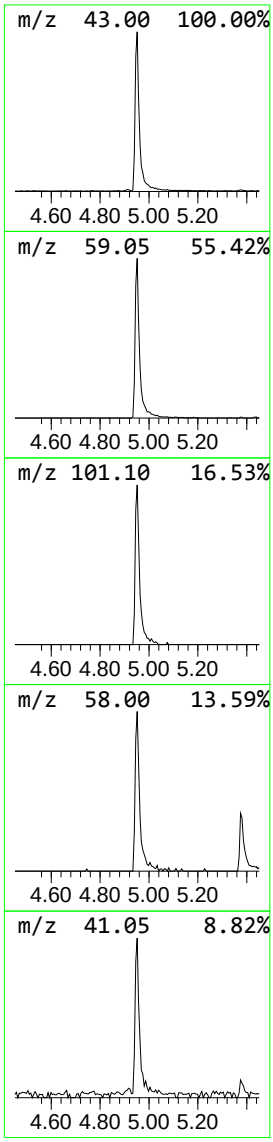
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.951	12.09 ng	268031	1,4-Dichlorobenzene-d4	6.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
Data File : BF135828.D
Acq On : 17 Oct 2023 23:35
Operator : CG\JU
Sample : 04892-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-10132023-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

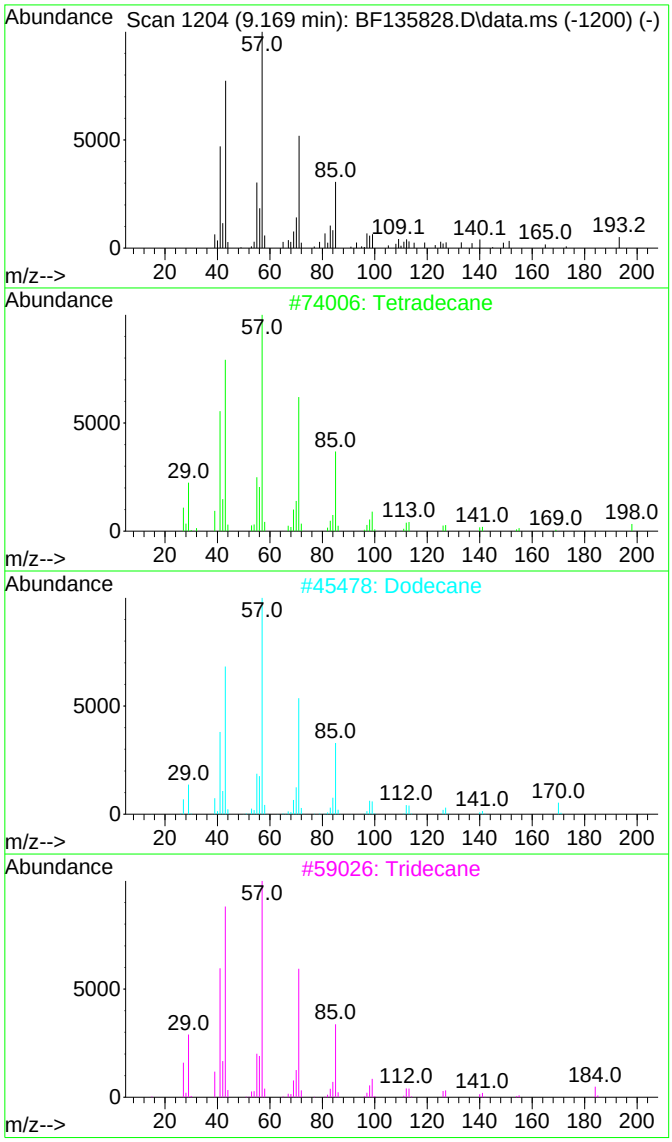
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

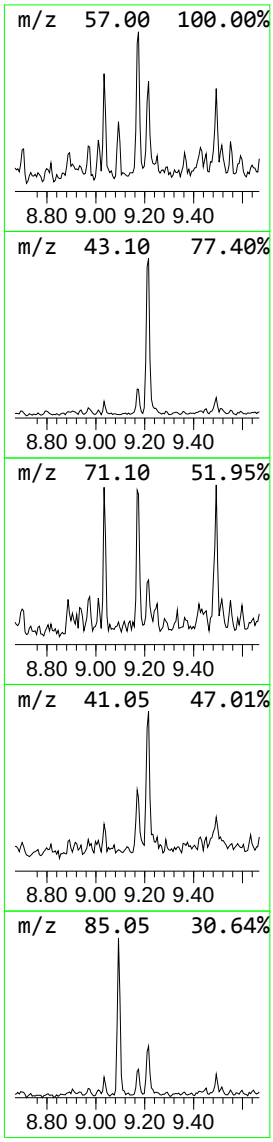
****

Peak Number 2 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	2.38 ng	53513	Acenaphthene-d10	9.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	74
2	Dodecane	170	C12H26	000112-40-3	72
3	Tridecane	184	C13H28	000629-50-5	72
4	Undecane	156	C11H24	001120-21-4	72
5	Hexadecane	226	C16H34	000544-76-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
Data File : BF135828.D
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Operator : CG\JU
Sample : 04892-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-10132023-A

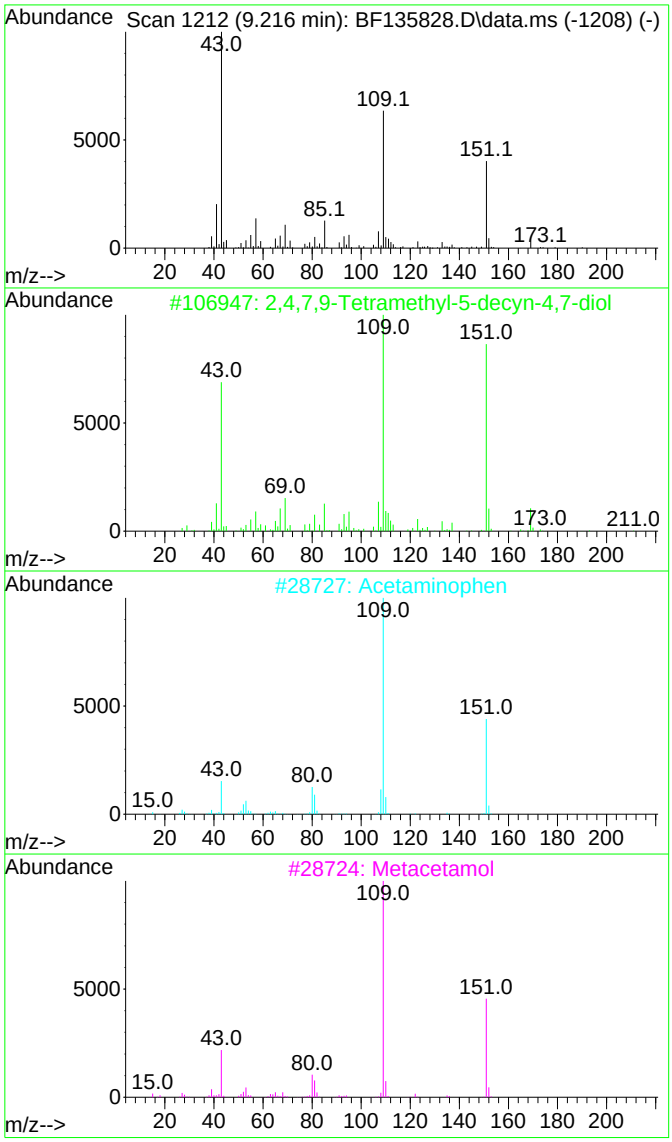
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

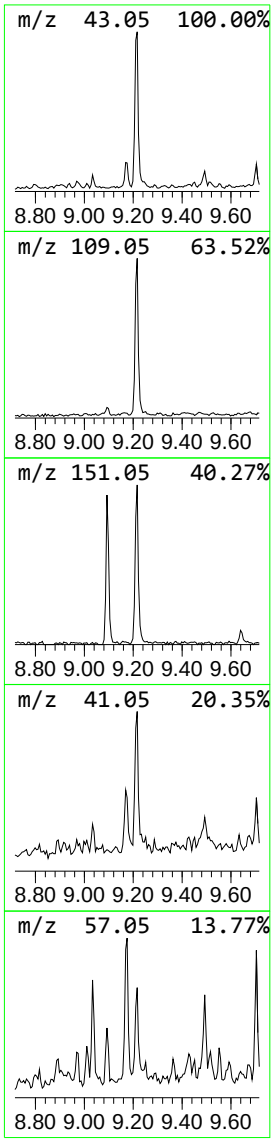
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	7.87 ng	177146	Acenaphthene-d10	9.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	78
2	Acetaminophen	151	C8H9NO2	000103-90-2	50
3	Metacetamol	151	C8H9NO2	000621-42-1	50
4	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	40
5	2-Thiophenecarbonitrile	109	C5H3NS	001003-31-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
Data File : BF135828.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-10132023-A

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

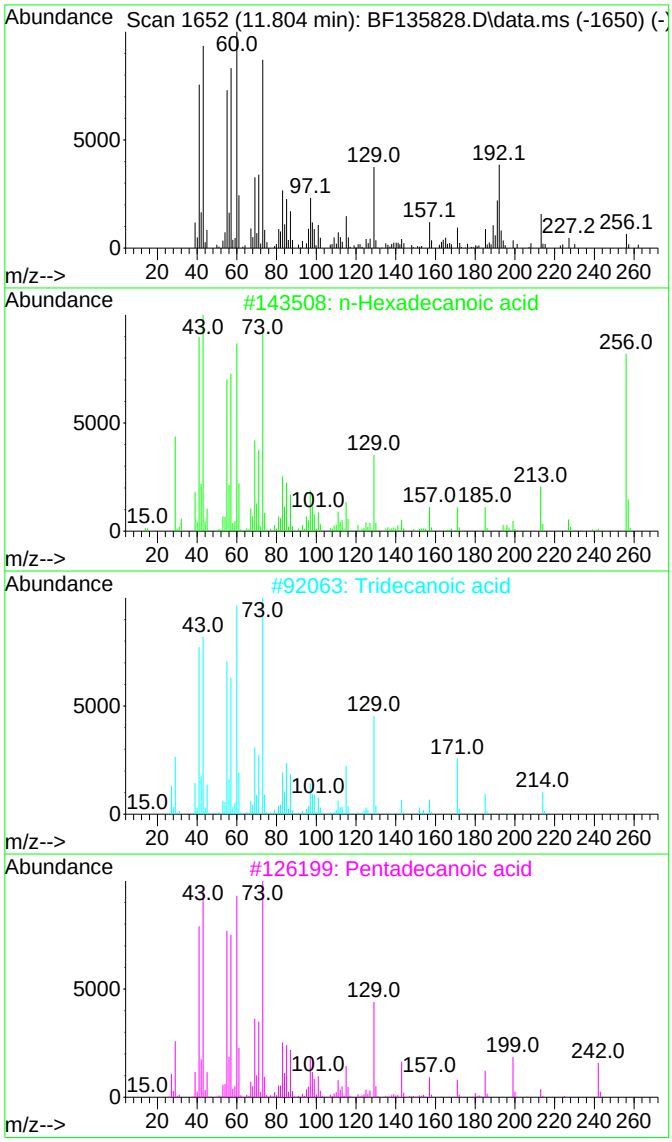
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

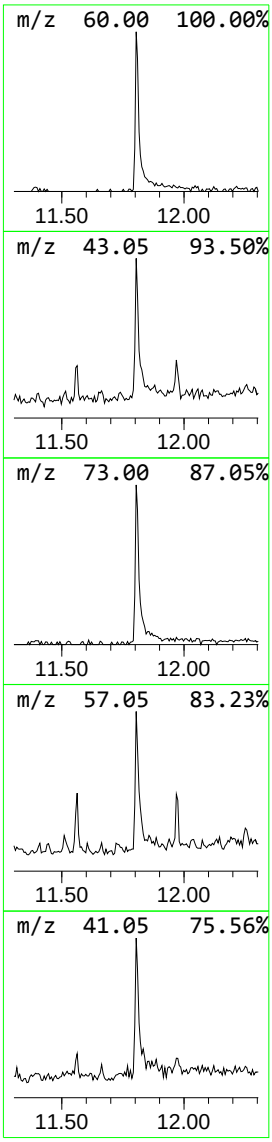
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	7.02 ng	166496	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-10132023-A

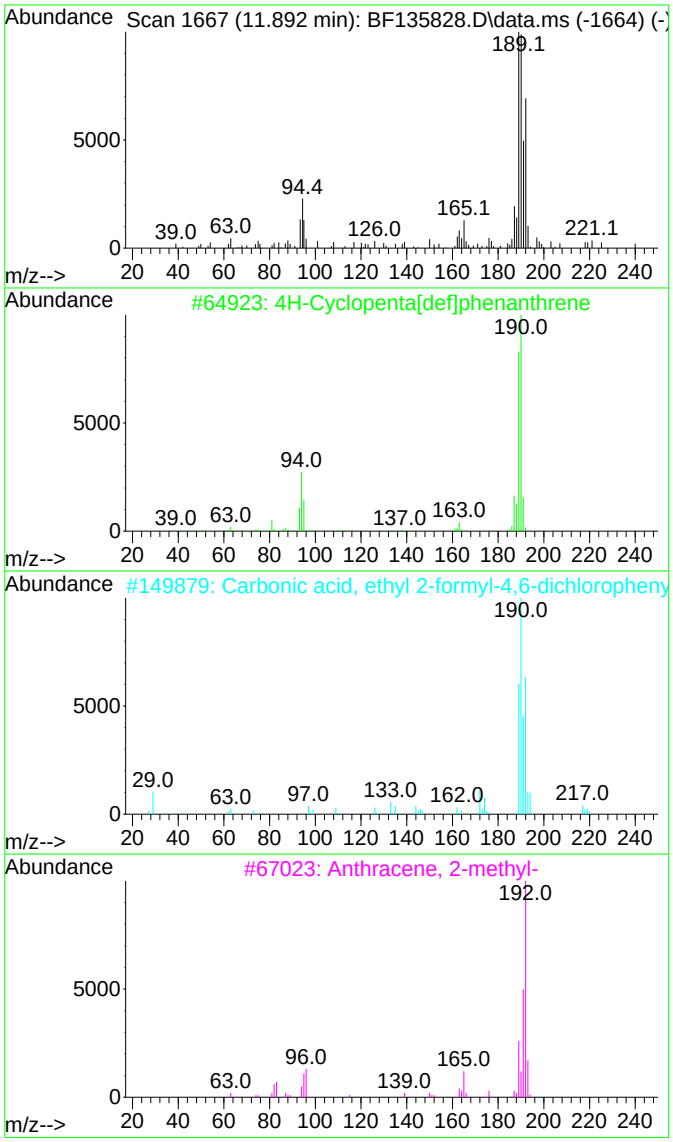
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

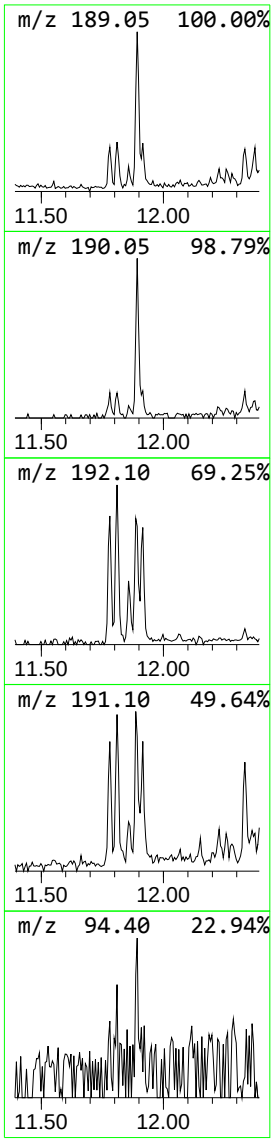
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	2.02 ng	47929	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	35
4	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	30
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101723\
Data File : BF135828.D
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Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.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
2-Pentanone, 4-...	4.951	12.1	ng	268031	1	6.740	443340	20.0
Tetradecane	9.169	2.4	ng	53513	3	9.775	450240	20.0
2,4,7,9-Tetrame...	9.216	7.9	ng	177146	3	9.775	450240	20.0
n-Hexadecanoic ...	11.804	7.0	ng	166496	4	11.275	474466	20.0
4H-Cyclopenta[d...	11.892	2.0	ng	47929	4	11.275	474466	20.0