LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127232.D
Acq On : 07 Mar 2022 20:51
Operator : CG\JU
Sample : N1730-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
15-16-SAMPLE-LOCATION-8

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-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127232.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.504	542	547	550	rBV	2340602	2224374	82.82%	9.310%
2	6.510	713	718	735	rBV	2443265	2368988	88.21%	9.916%
3	6.875	777	780	784	rBV	765963	614410	22.88%	2.572%
4	7.439	871	876	879	rBV	1609613	1568980	58.42%	6.567%
5	8.057	978	981	990	rBV	48023	91568	3.41%	0.383%
6	8.157	995	998	1002	rVV	956270	838455	31.22%	3.509%
7	8.739	1094	1097	1102	rVB	45936	37680	1.40%	0.158%
8	9.233	1176	1181	1185	rBV	2793996	2647789	98.59%	11.083%
9	9.304	1190	1193	1196	rVB	70644	55794	2.08%	0.234%
10	9.575	1232	1239	1242	rBV8	15272	32448	1.21%	0.136%
11	9.628	1242	1248	1250	rVV4	30307	31569	1.18%	0.132%
12	9.839	1280	1284	1287	rVB	59118	51598	1.92%	0.216%
13	9.922	1294	1298	1301	rVB	1056741	931427	34.68%	3.899%
14	10.316	1362	1365	1366	rBV	43813	35403	1.32%	0.148%
15	10.339	1366	1369	1372	rVB2	78105	73343	2.73%	0.307%
16	10.557	1400	1406	1408	rBV3	35619	44167	1.64%	0.185%
17	10.710	1428	1432	1436	rBV	2013294	1873639	69.76%	7.842%
18	10.810	1445	1449	1455	rVB3	69915	88753	3.30%	0.371%
19	11.004	1479	1482	1486	rBV5	19653	28692	1.07%	0.120%
20	11.263	1521	1526	1528	rBV	63638	67294	2.51%	0.282%
21	11.286	1528	1530	1537	rVB4	37646	53197	1.98%	0.223%
22	11.351	1537	1541	1545	rVB	64261	58831	2.19%	0.246%
23	11.410	1547	1551	1554	rBV	1181684	977092	36.38%	4.090%
24	11.433	1554	1555	1558	rVV	77000	52090	1.94%	0.218%
25	11.486	1560	1564	1567	rVB	113766	104062	3.87%	0.436%
26	11.569	1575	1578	1583	rBV	50769	56739	2.11%	0.237%
27	11.686	1596	1598	1600	rBV	48792	37824	1.41%	0.158%
28	11.792	1613	1616	1618	rVB	37240	28711	1.07%	0.120%
29	11.916	1631	1637	1639	rBV	28704	38812	1.45%	0.162%
30	11.963	1643	1645	1647	rVB	42822	31151	1.16%	0.130%
31	12.027	1652	1656	1658	rBV2	76082	77245	2.88%	0.323%
32	12.098	1665	1668	1671	rBV	43122	36688	1.37%	0.154%
33	12.210	1684	1687	1690	rVB	41238	36702	1.37%	0.154%
34	12.627	1754	1758	1761	rBV	968370	790726	29.44%	3.310%
35	12.780	1779	1784	1786	rVB2	29429	32777	1.22%	0.137%
36	12.857	1791	1797	1803	rVV	756467	839195	31.25%	3.513%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127232.D
Acq On : 07 Mar 2022 20:51
Operator : CG\JU
Sample : N1730-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
15-16-SAMPLE-LOCATION-8

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-BF021622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.904	1803	1805	1809	rVB2	33122	31597	1.18%	0.132%
38	12.998	1814	1821	1824	rBV	2971688	2685688	100.00%	11.241%
39	13.163	1846	1849	1850	rBV2	24453	29634	1.10%	0.124%
40	13.186	1850	1853	1855	rVB	117314	104776	3.90%	0.439%
41	13.251	1860	1864	1867	rBV	135002	113828	4.24%	0.476%
42	13.286	1867	1870	1873	rBV2	45919	48790	1.82%	0.204%
43	13.410	1889	1891	1894	rBV2	28005	32122	1.20%	0.134%
44	13.804	1955	1958	1961	rBV	47116	45022	1.68%	0.188%
45	13.833	1961	1963	1965	rVV	72233	74939	2.79%	0.314%
46	13.886	1969	1972	1974	rVV2	62551	73105	2.72%	0.306%
47	13.921	1974	1978	1980	rVV	125555	125139	4.66%	0.524%
48	13.974	1980	1987	1992	rVV5	58511	164557	6.13%	0.689%
49	14.057	1996	2001	2004	rVV2	913936	1154164	42.97%	4.831%
50	14.080	2004	2005	2012	rVB	312519	247652	9.22%	1.037%
51	14.163	2013	2019	2022	rVV2	122827	124928	4.65%	0.523%
52	14.445	2062	2067	2069	rVB	37430	40206	1.50%	0.168%
53	14.592	2090	2092	2095	rVB2	41209	34306	1.28%	0.144%
54	14.804	2126	2128	2133	rVB4	32085	37165	1.38%	0.156%
55	15.110	2175	2180	2183	rBV	211558	324132	12.07%	1.357%
56	15.215	2195	2198	2202	rBV	48609	48362	1.80%	0.202%
57	15.415	2228	2232	2238	rVB	116333	155869	5.80%	0.652%
58	15.480	2239	2243	2249	rVV	196073	244795	9.11%	1.025%
59	15.545	2249	2254	2258	rVV2	431131	573914	21.37%	2.402%
60	15.580	2258	2260	2267	rVB	63675	71595	2.67%	0.300%
61	17.051	2505	2510	2518	rVB3	81698	152764	5.69%	0.639%
62	17.509	2582	2588	2598	rBV3	66872	150106	5.59%	0.628%
63	17.756	2625	2630	2636	rVB3	24699	44132	1.64%	0.185%

Sum of corrected areas: 23891500

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Misc :
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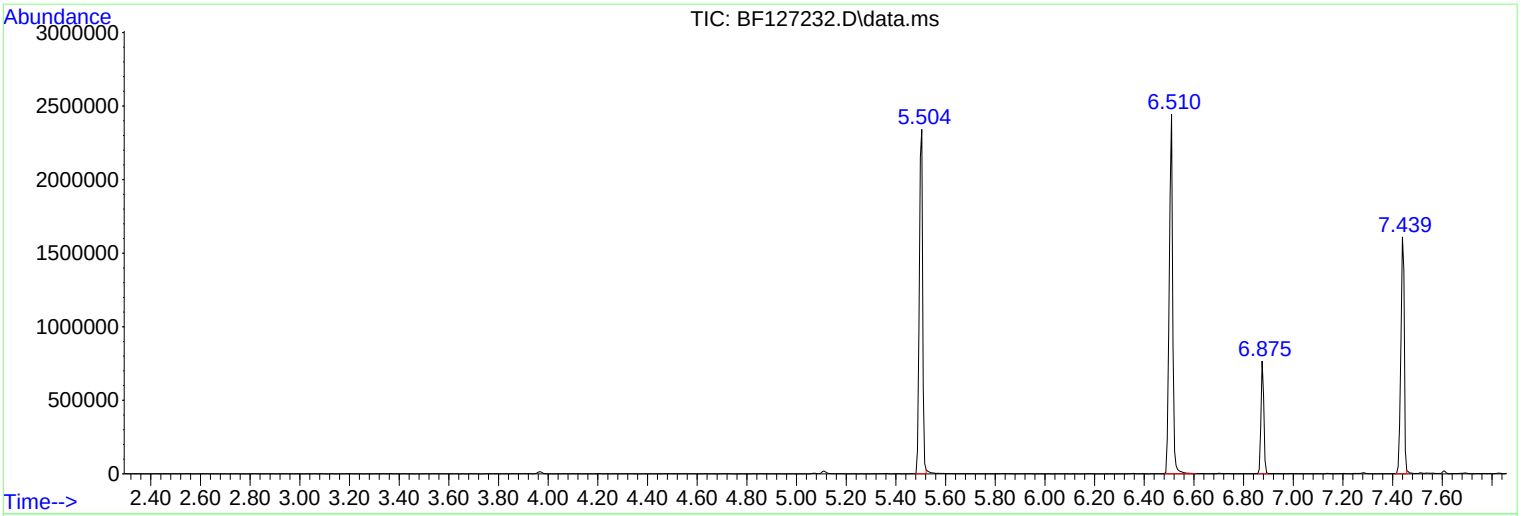
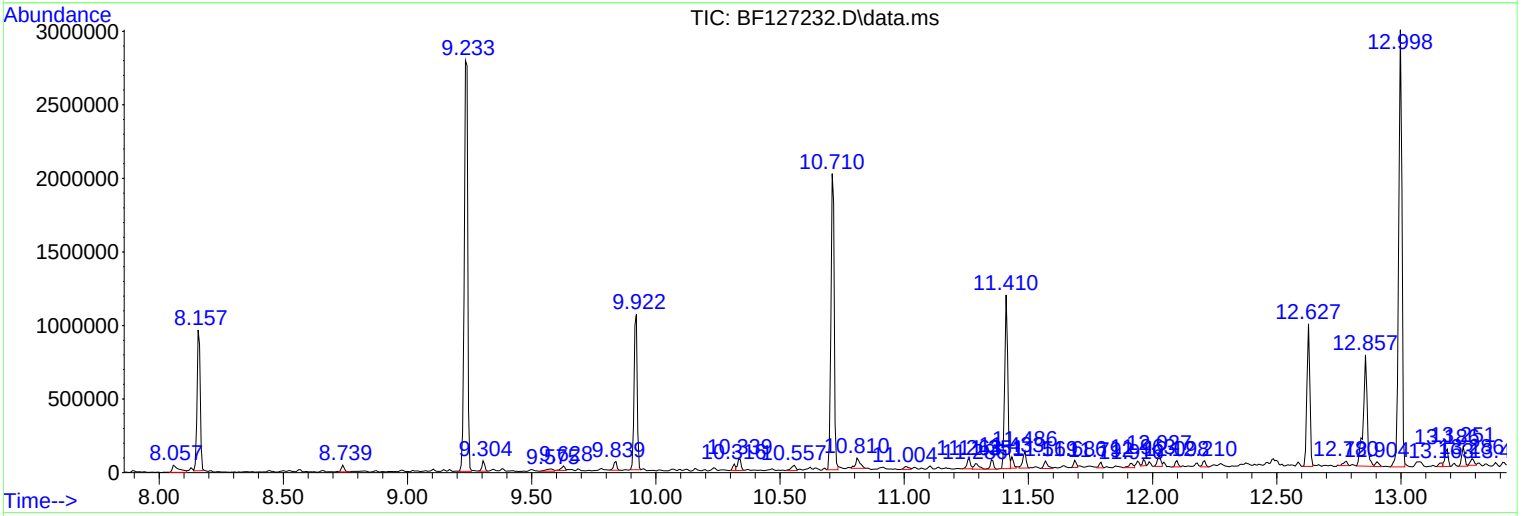
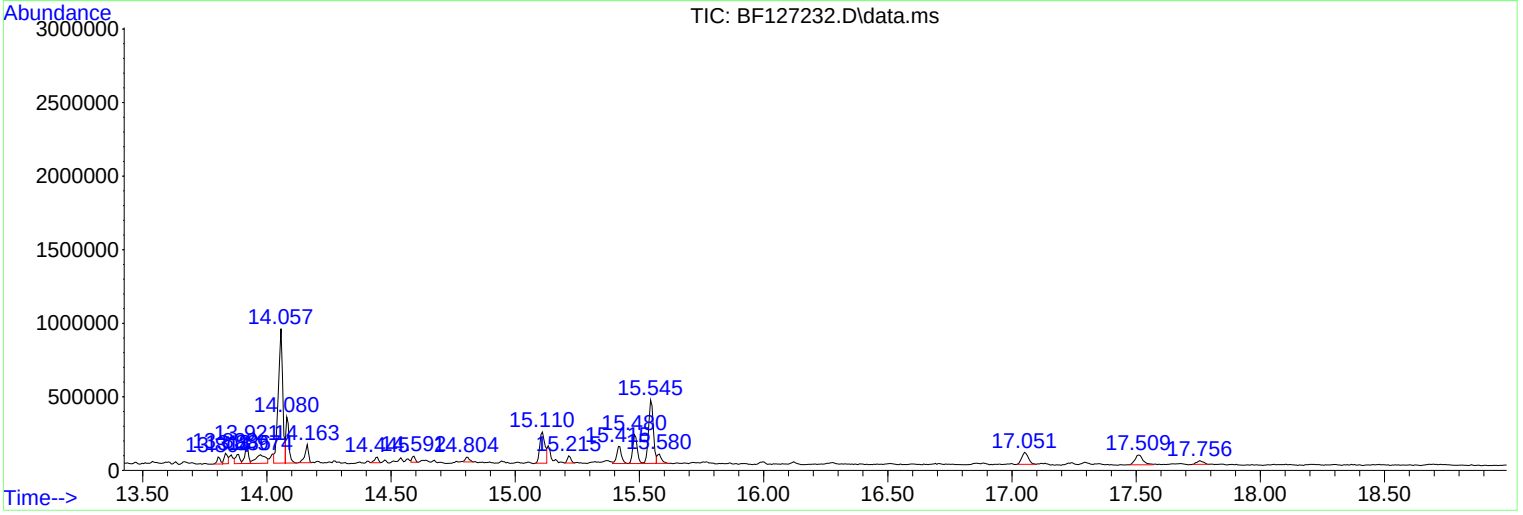
Instrument :
BNA_F
ClientSampleId :
15-16-SAMPLE-LOCATION-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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\BF030722\
Data File : BF127232.D
Acq On : 07 Mar 2022 20:51
Operator : CG\JU
Sample : N1730-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
15-16-SAMPLE-LOCATION-8

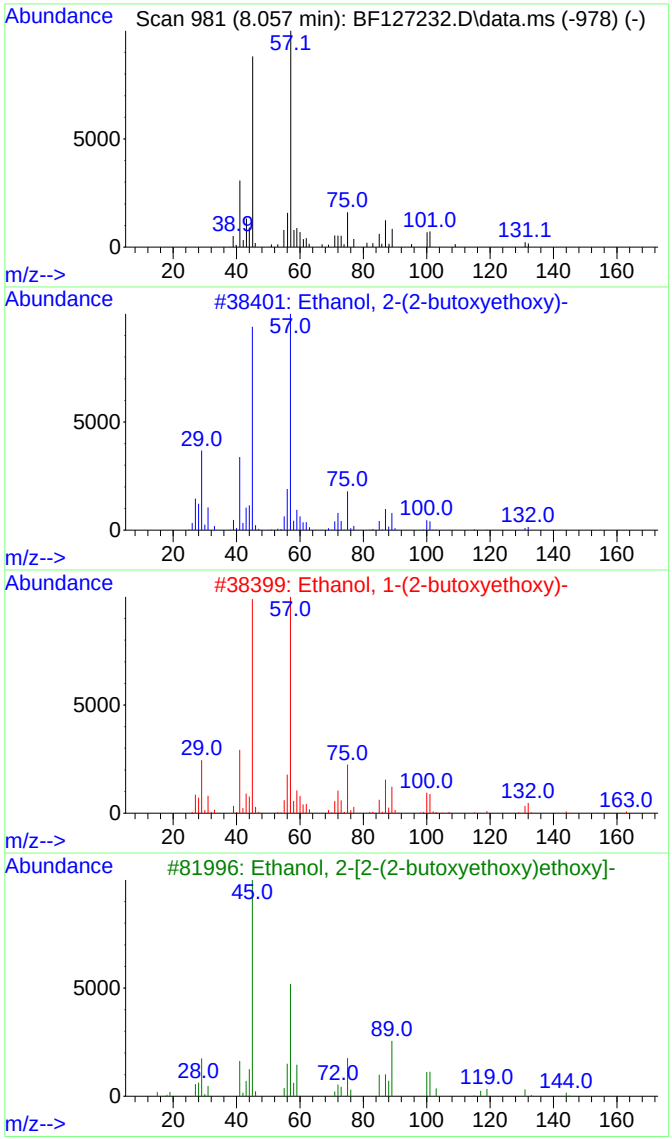
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

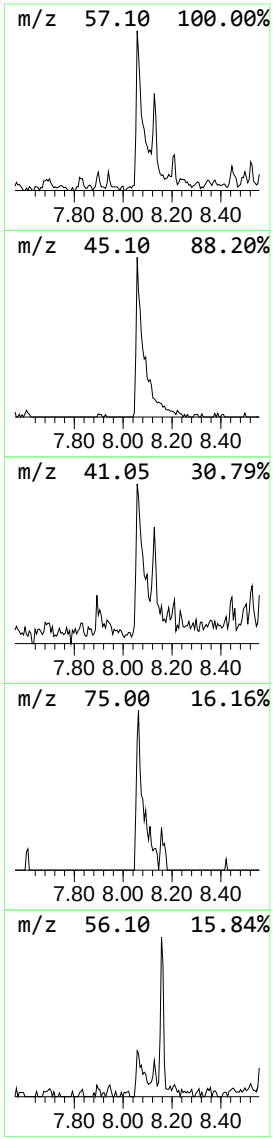
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.057	2.18 ng	91568	Naphthalene-d8	8.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	72
4	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	64
5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127232.D
Acq On : 07 Mar 2022 20:51
Operator : CG\JU
Sample : N1730-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
15-16-SAMPLE-LOCATION-8

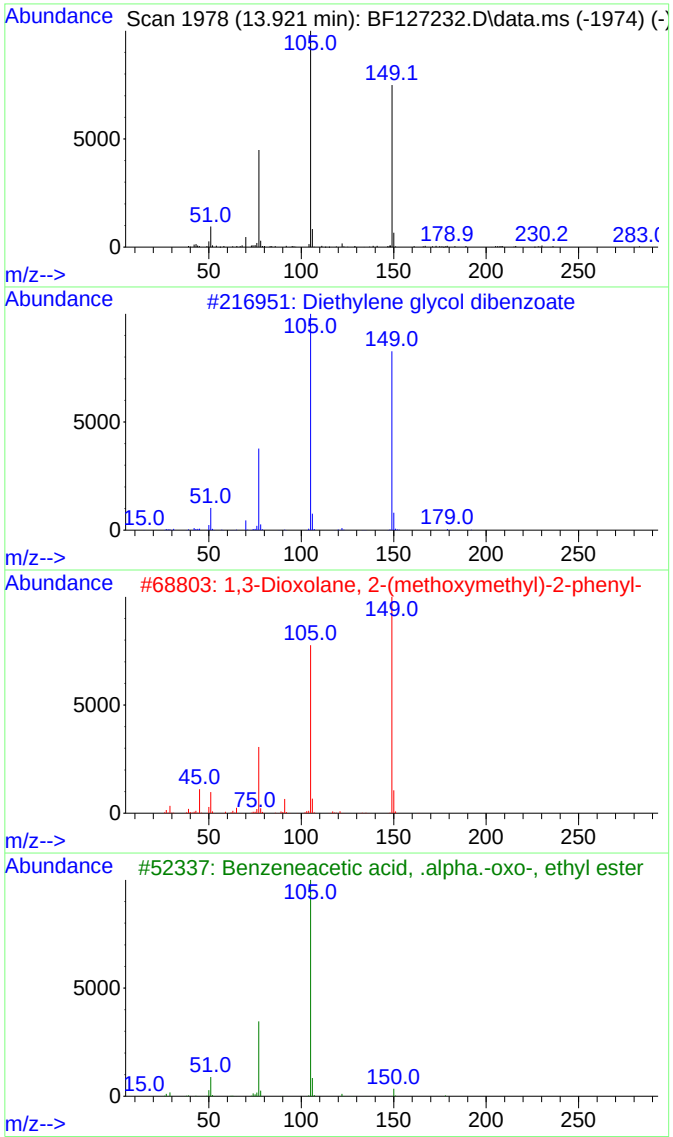
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

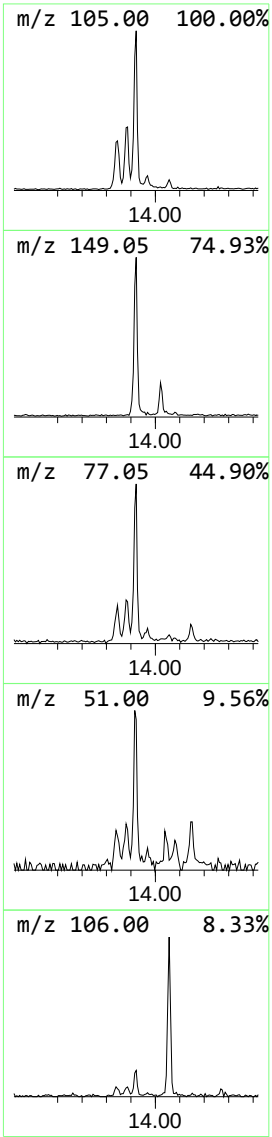
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Diethylene glycol dibenzoate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.921	2.17 ng	125139	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	90
2	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	59
3	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	38
4	Benzamide, N-(4-cyanomethylphenyl)-	236	C15H12N2O	1000303-28-8	35
5	Phenylglyoxylic acid, neopentyl ...	220	C13H16O3	1000453-45-9	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127232.D
Acq On : 07 Mar 2022 20:51
Operator : CG\JU
Sample : N1730-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
15-16-SAMPLE-LOCATION-8

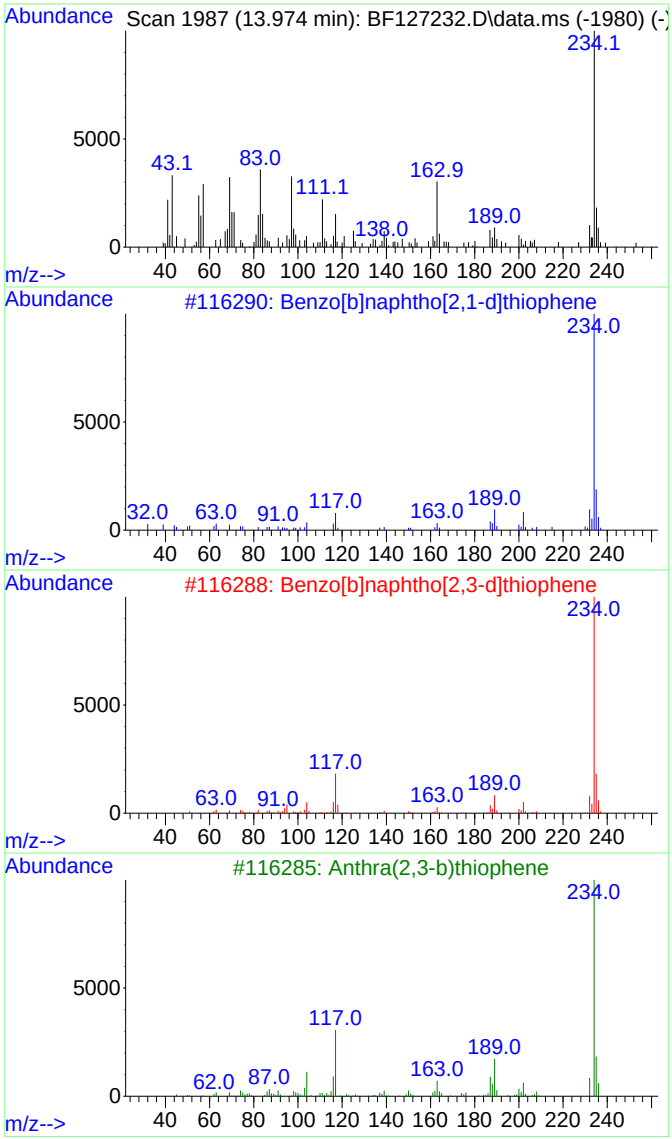
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

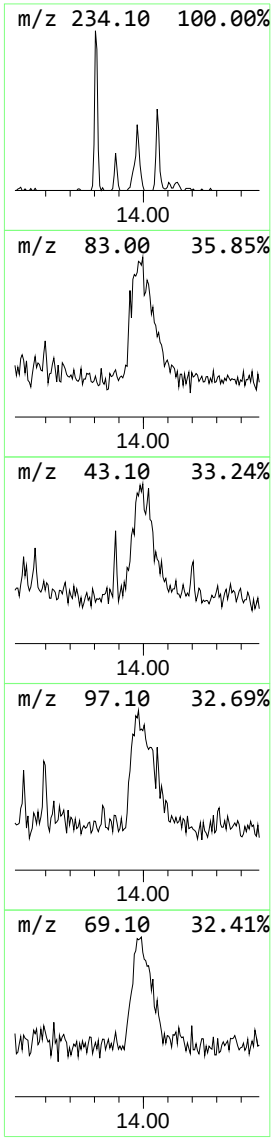
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.974	2.85 ng	164557	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	86
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	64
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	58
5	Benzo[b]1,4-dioxan-2-ol, 2-(2-th...	234	C12H10O3S	312614-85-0	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127232.D
Acq On : 07 Mar 2022 20:51
Operator : CG\JU
Sample : N1730-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
15-16-SAMPLE-LOCATION-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

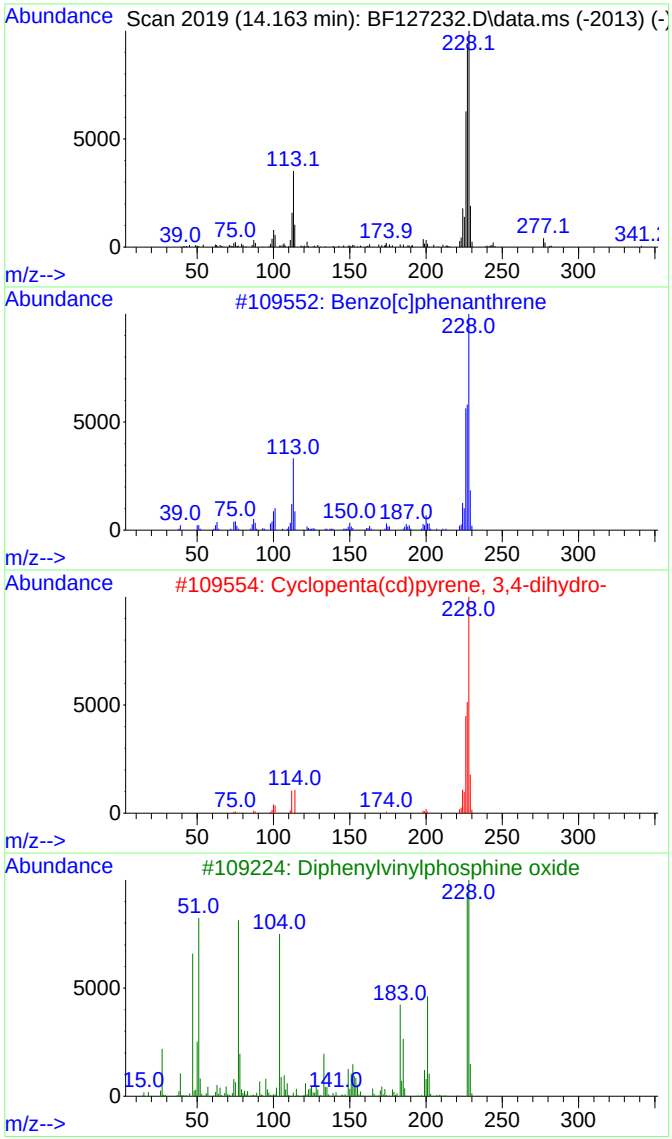
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

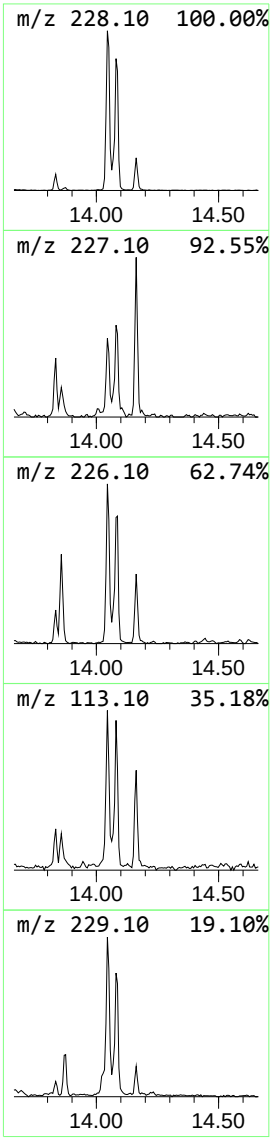
****

Peak Number 5 Benzo[c]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.163	2.16 ng	124928	Chrysene-d12	14.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	83
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
3	Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	52
4	Chrysene	228	C18H12	000218-01-9	46
5	Triphenylene	228	C18H12	000217-59-4	43





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
15-16-SAMPLE-LOCATION-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

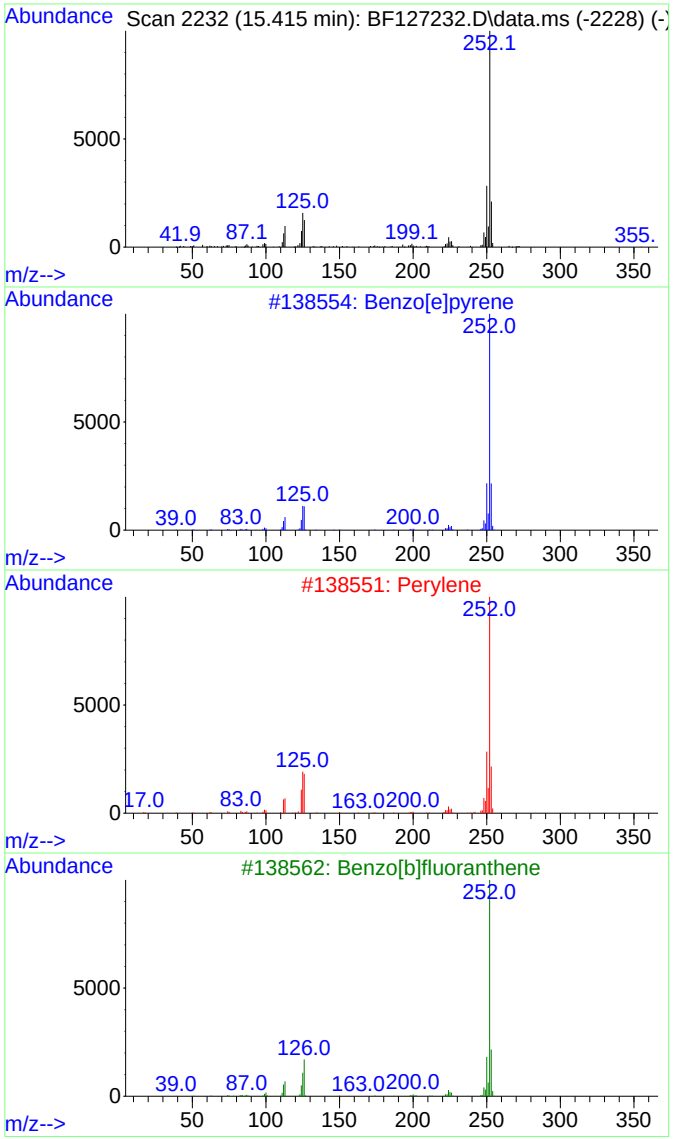
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

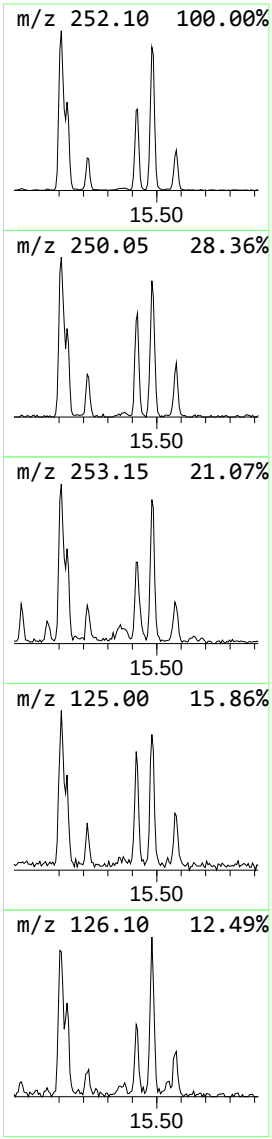
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.415	5.43 ng	155869	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
Data File : BF127232.D
Acq On : 07 Mar 2022 20:51
Operator : CG\JU
Sample : N1730-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
15-16-SAMPLE-LOCATION-8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.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
Ethanol, 2-(2-b...	8.057	2.2	ng	91568	2	8.157	838455	20.0
Diethylene glyc...	13.921	2.2	ng	125139	5	14.057	1154160	20.0
Benzo[b]naphtho...	13.974	2.9	ng	164557	5	14.057	1154160	20.0
Benzo[c]phenant...	14.163	2.2	ng	124928	5	14.057	1154160	20.0
Benzo[e]pyrene	15.415	5.4	ng	155869	6	15.545	573914	20.0